IT CORPORATION

Final
Revision P
Volume II

Final Report
Further Action Area B
Treatability Tests

Wright-Patterson Air Force Base Groundwater Basewide Monitoring Program

Wright-Patterson Air Force Base
88th Air Base Wing
Office of Environmental Management

STRENGTH THROUGH SUPPORT

PROTECT RESTORE ENHANCE

Environmental Management
Wright-Patterson AFB

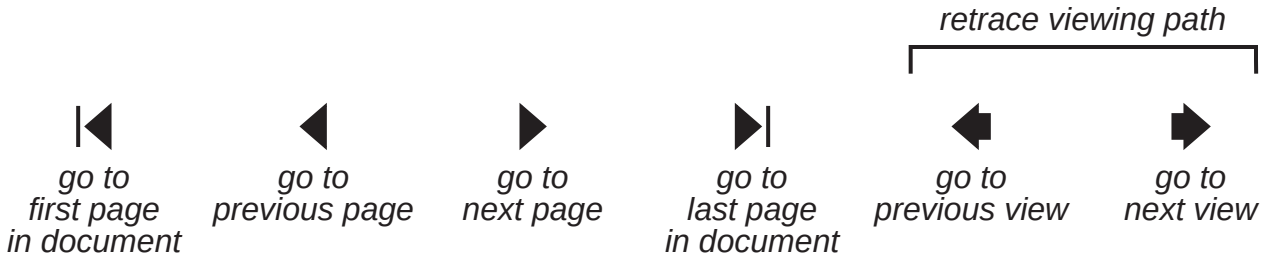
Prepared by:

IT Corporation
11499 Chester Road
Cincinnati, Ohio 45246

December 8, 2000

Navigation notes:

For easiest navigation, extensive use of “bookmarks” has been made. To view a given Section, simply click on the desired Section heading. A “+” sign indicates collapsed subheadings can be found by clicking on the “+”. To re-collapse the heading, click on the “–” sign. Use the *Page Up* and *Page Down* keys to move to adjacent pages. You can also navigate by single-clicking the arrow buttons on the toolbar at the top of the Acrobat Reader window (see the diagrams below for an explanation).



FINAL

REPORT ON TREATABILITY STUDIES CONDUCTED AT FURTHER ACTION AREA B (FAA-B)

Volume II

Submitted to:
Wright-Patterson Air Force Base
88th Air Base Wing
Office of Environmental Management
Wright-Patterson Air Force Base, Ohio

Prepared by:
IT Corporation
11499 Chester Road
Cincinnati, Ohio 45246

December 8, 2000

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APPENDIX F

ANALYTICAL RESULTS

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2086
Analysis Date: 29-Sep-99
Preserv. Date: 28-Sep-99
Operator: GHP
Sample ID: SB01 SS01 (A001)
Matrix: Soil
Date Sampled: 28-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	266
Chloromethane	ND	ug/Kg	266
Vinyl chloride	ND	ug/Kg	106
Bromomethane	ND	ug/Kg	266
Trichlorofluoromenthane	ND	ug/Kg	266
Chloroethane	ND	ug/Kg	266
1,1-Dichloroethene	ND	ug/Kg	53
Methylene chloride	ND	ug/Kg	266
trans-1,2-Dichloroethene	ND	ug/Kg	53
1,1-Dichloroethane	ND	ug/Kg	53
cis-1,2-Dichloroethene	ND	ug/Kg	53
Bromochloromethane	ND	ug/Kg	106
Chloroform	ND	ug/Kg	53
1,1,1-Trichloroethane	ND	ug/Kg	53
Carbon tetrachloride	ND	ug/Kg	53
1,1-Dichloropropene	ND	ug/Kg	53
Benzene	ND	ug/Kg	53
1,2-Dichloroethane	ND	ug/Kg	53
Trichloroethene	ND	ug/Kg	53
1,2-Dichloropropane	ND	ug/Kg	53
Dibromomethane	ND	ug/Kg	106
Bromodichloromethane	ND	ug/Kg	106
cis-1,3-Dichloropropene	ND	ug/Kg	53
Toluene	ND	ug/Kg	53
trans-1,3-Dichloropropene	ND	ug/Kg	53
1,1,2-Trichloroethane	ND	ug/Kg	53
Tetrachloroethene	ND	ug/Kg	53
1,3-Dichloropropane	ND	ug/Kg	53
Dibromochloromethane	ND	ug/Kg	106
1,2-Dibromoethane	ND	ug/Kg	53
Chlorobenzene	ND	ug/Kg	53
1,1,1,2-Tetrachlorethane	ND	ug/Kg	106
Ethylbenzene	ND	ug/Kg	53
m & p-Xylene	ND	ug/Kg	106
o-Xylene	ND	ug/Kg	53

Continued

092999 & 093099 soils

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB01 SS01 (A001)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	53
Bromoform	ND	ug/Kg	106
Isopropylbenzene	ND	ug/Kg	106
Bromobenzene	ND	ug/Kg	106
1,1,2,2-Tetrachloroethane	ND	ug/Kg	106
1,2,3-Trichloropropane	ND	ug/Kg	106
n-Propylbenzene	ND	ug/Kg	106
2-Chlorotoluene	ND	ug/Kg	106
4-Chlorotoluene	ND	ug/Kg	106
1,3,5-Trimethylbenzene	ND	ug/Kg	106
tert-Butylbenzene	ND	ug/Kg	106
1,2,4-Trimethylbenzene	ND	ug/Kg	106
sec-Butylbenzene	ND	ug/Kg	106
1,3-Dichlorobenzene	ND	ug/Kg	106
p-Isopropyltoluene	ND	ug/Kg	106
1,4-Dichlorobenzene	ND	ug/Kg	106
1,2-Dichlorobenzene	ND	ug/Kg	106
n-Butylbenzene	ND	ug/Kg	106
1,2-Dibromo-3-chloropropane	ND	ug/Kg	266
1,2,4-Trichlorobenzene	ND	ug/Kg	266
Hexachlorobutadiene	ND	ug/Kg	266
Naphthalene	ND	ug/Kg	266
1,2,3-Trichlorobenzene	ND	ug/Kg	266

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	49	50	98%
Bromofluorobenzene	46	50	92%

% Solids	94.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
1499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2087
Analysis Date: 29-Sep-99
Preserv. Date: 28-Sep-99
Operator: GHP
Sample ID: **SB01 SS02 (A002)**
Matrix: Soil
Date Sampled: 28-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	301
Chloromethane	ND	ug/Kg	301
Vinyl chloride	ND	ug/Kg	120
Bromomethane	ND	ug/Kg	301
Trichlorofluoromenthane	ND	ug/Kg	301
Chloroethane	ND	ug/Kg	301
1,1-Dichloroethene	ND	ug/Kg	60
Methylene chloride	ND	ug/Kg	301
trans-1,2-Dichloroethene	ND	ug/Kg	60
1,1-Dichloroethane	ND	ug/Kg	60
cis-1,2-Dichloroethene	ND	ug/Kg	60
Bromochloromethane	ND	ug/Kg	120
Chloroform	ND	ug/Kg	60
1,1,1-Trichloroethane	ND	ug/Kg	60
Carbon tetrachloride	ND	ug/Kg	60
1,1-Dichloropropene	ND	ug/Kg	60
Benzene	ND	ug/Kg	60
1,2-Dichloroethane	ND	ug/Kg	60
Trichloroethene	ND	ug/Kg	60
1,2-Dichloropropane	ND	ug/Kg	60
Dibromomethane	ND	ug/Kg	120
Bromodichloromethane	ND	ug/Kg	120
cis-1,3-Dichloropropene	ND	ug/Kg	60
Toluene	ND	ug/Kg	60
trans-1,3-Dichloropropene	ND	ug/Kg	60
1,1,2-Trichloroethane	ND	ug/Kg	60
Tetrachloroethene	ND	ug/Kg	60
1,3-Dichloropropane	ND	ug/Kg	60
Dibromochloromethane	ND	ug/Kg	120
1,2-Dibromoethane	ND	ug/Kg	60
Chlorobenzene	ND	ug/Kg	60
1,1,1,2-Tetrachlorethane	ND	ug/Kg	120
Ethylbenzene	ND	ug/Kg	60
m & p-Xylene	ND	ug/Kg	120
o-Xylene	ND	ug/Kg	60

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB01 SS02 (A002)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	60
Bromoform	ND	ug/Kg	120
Isopropylbenzene	ND	ug/Kg	120
Bromobenzene	ND	ug/Kg	120
1,1,2,2-Tetrachloroethane	ND	ug/Kg	120
1,2,3-Trichloropropane	ND	ug/Kg	120
n-Propylbenzene	ND	ug/Kg	120
2-Chlorotoluene	ND	ug/Kg	120
4-Chlorotoluene	ND	ug/Kg	120
1,3,5-Trimethylbenzene	ND	ug/Kg	120
tert-Butylbenzene	ND	ug/Kg	120
1,2,4-Trimethylbenzene	ND	ug/Kg	120
sec-Butylbenzene	ND	ug/Kg	120
1,3-Dichlorobenzene	ND	ug/Kg	120
p-Isopropyltoluene	ND	ug/Kg	120
1,4-Dichlorobenzene	ND	ug/Kg	120
1,2-Dichlorobenzene	ND	ug/Kg	120
n-Butylbenzene	ND	ug/Kg	120
1,2-Dibromo-3-chloropropane	ND	ug/Kg	301
1,2,4-Trichlorobenzene	ND	ug/Kg	301
Hexachlorobutadiene	ND	ug/Kg	301
Naphthalene	ND	ug/Kg	301
1,2,3-Trichlorobenzene	ND	ug/Kg	301

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	37	50	74%
1,2-Dichloroethane d4	42	50	84%
Toluene d8	46	50	92%
Bromofluorobenzene	37	50	74%

% Solids	83.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
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Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2088
Analysis Date: 29-Sep-99
Preserv. Date: 28-Sep-99
Operator: GHP
Sample ID: **SB02 SS01 (A004)**
Matrix: Soil
Date Sampled: 28-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	272
Chloromethane	ND	ug/Kg	272
Vinyl chloride	ND	ug/Kg	109
Bromomethane	ND	ug/Kg	272
Trichlorofluoromenthane	ND	ug/Kg	272
Chloroethane	ND	ug/Kg	272
1,1-Dichloroethene	ND	ug/Kg	54
Methylene chloride	ND	ug/Kg	272
trans-1,2-Dichloroethene	ND	ug/Kg	54
1,1-Dichloroethane	ND	ug/Kg	54
cis-1,2-Dichloroethene	ND	ug/Kg	54
Bromochloromethane	ND	ug/Kg	109
Chloroform	ND	ug/Kg	54
1,1,1-Trichloroethane	ND	ug/Kg	54
Carbon tetrachloride	ND	ug/Kg	54
1,1-Dichloropropene	ND	ug/Kg	54
Benzene	ND	ug/Kg	54
1,2-Dichloroethane	ND	ug/Kg	54
Trichloroethene	ND	ug/Kg	54
1,2-Dichloropropane	ND	ug/Kg	54
Dibromomethane	ND	ug/Kg	109
Bromodichloromethane	ND	ug/Kg	109
cis-1,3-Dichloropropene	ND	ug/Kg	54
Toluene	ND	ug/Kg	54
trans-1,3-Dichloropropene	ND	ug/Kg	54
1,1,2-Trichloroethane	ND	ug/Kg	54
Tetrachloroethene	ND	ug/Kg	54
1,3-Dichloropropane	ND	ug/Kg	54
Dibromochloromethane	ND	ug/Kg	109
1,2-Dibromoethane	ND	ug/Kg	54
Chlorobenzene	ND	ug/Kg	54
1,1,1,2-Tetrachlorethane	ND	ug/Kg	109
Ethylbenzene	170	ug/Kg	54
m & p-Xylene	1800	ug/Kg	109
o-Xylene	150	ug/Kg	54

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB02 SS01 (A004)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	54
Bromoform	ND	ug/Kg	109
Isopropylbenzene	ND	ug/Kg	109
Bromobenzene	ND	ug/Kg	109
1,1,2,2-Tetrachloroethane	ND	ug/Kg	109
1,2,3-Trichloropropane	ND	ug/Kg	109
n-Propylbenzene	ND	ug/Kg	109
2-Chlorotoluene	ND	ug/Kg	109
4-Chlorotoluene	ND	ug/Kg	109
1,3,5-Trimethylbenzene	ND	ug/Kg	109
tert-Butylbenzene	ND	ug/Kg	109
1,2,4-Trimethylbenzene	ND	ug/Kg	109
sec-Butylbenzene	ND	ug/Kg	109
1,3-Dichlorobenzene	ND	ug/Kg	109
p-Isopropyltoluene	ND	ug/Kg	109
1,4-Dichlorobenzene	ND	ug/Kg	109
1,2-Dichlorobenzene	ND	ug/Kg	109
n-Butylbenzene	ND	ug/Kg	109
1,2-Dibromo-3-chloropropane	ND	ug/Kg	272
1,2,4-Trichlorobenzene	ND	ug/Kg	272
Hexachlorobutadiene	ND	ug/Kg	272
Naphthalene	ND	ug/Kg	272
1,2,3-Trichlorobenzene	ND	ug/Kg	272

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	40	50	80%
1,2-Dichloroethane d4	37	50	74%
Toluene d8	43	50	86%
Bromofluorobenzene	39	50	78%

% Solids	92.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

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Mobile Laboratory Services
667 West Main Street
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2095
Analysis Date: 29-Sep-99
Preserv. Date: 28-Sep-99
Operator: GHP
Sample ID: SB02 SS02 (A005)
Matrix: Soil
Date Sampled: 28-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	313
Chloromethane	ND	ug/Kg	313
Vinyl chloride	ND	ug/Kg	125
Bromomethane	ND	ug/Kg	313
Trichlorofluoromenthane	ND	ug/Kg	313
Chloroethane	ND	ug/Kg	313
1,1-Dichloroethene	ND	ug/Kg	63
Methylene chloride	ND	ug/Kg	313
trans-1,2-Dichloroethene	ND	ug/Kg	63
1,1-Dichloroethane	ND	ug/Kg	63
cis-1,2-Dichloroethene	1100	ug/Kg	63
Bromochloromethane	ND	ug/Kg	125
Chloroform	ND	ug/Kg	63
1,1,1-Trichloroethane	ND	ug/Kg	63
Carbon tetrachloride	ND	ug/Kg	63
1,1-Dichloropropene	ND	ug/Kg	63
Benzene	ND	ug/Kg	63
1,2-Dichloroethane	ND	ug/Kg	63
Trichloroethene	ND	ug/Kg	63
1,2-Dichloropropane	ND	ug/Kg	63
Dibromomethane	ND	ug/Kg	125
Bromodichloromethane	ND	ug/Kg	125
cis-1,3-Dichloropropene	ND	ug/Kg	63
Toluene	ND	ug/Kg	63
trans-1,3-Dichloropropene	ND	ug/Kg	63
1,1,2-Trichloroethane	ND	ug/Kg	63
Tetrachloroethene	ND	ug/Kg	63
1,3-Dichloropropane	ND	ug/Kg	63
Dibromochloromethane	ND	ug/Kg	125
1,2-Dibromoethane	ND	ug/Kg	63
Chlorobenzene	ND	ug/Kg	63
1,1,1,2-Tetrachlorethane	ND	ug/Kg	125
Ethylbenzene	ND	ug/Kg	63
m & p-Xylene	ND	ug/Kg	125
o-Xylene	ND	ug/Kg	63

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB02 SS02 (A005)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	63
Bromoform	ND	ug/Kg	125
Isopropylbenzene	ND	ug/Kg	125
Bromobenzene	ND	ug/Kg	125
1,1,2,2-Tetrachloroethane	ND	ug/Kg	125
1,2,3-Trichloropropane	ND	ug/Kg	125
n-Propylbenzene	ND	ug/Kg	125
2-Chlorotoluene	ND	ug/Kg	125
4-Chlorotoluene	ND	ug/Kg	125
1,3,5-Trimethylbenzene	ND	ug/Kg	125
tert-Butylbenzene	ND	ug/Kg	125
1,2,4-Trimethylbenzene	ND	ug/Kg	125
sec-Butylbenzene	ND	ug/Kg	125
1,3-Dichlorobenzene	ND	ug/Kg	125
p-Isopropyltoluene	ND	ug/Kg	125
1,4-Dichlorobenzene	ND	ug/Kg	125
1,2-Dichlorobenzene	ND	ug/Kg	125
n-Butylbenzene	ND	ug/Kg	125
1,2-Dibromo-3-chloropropane	ND	ug/Kg	313
1,2,4-Trichlorobenzene	ND	ug/Kg	313
Hexachlorobutadiene	ND	ug/Kg	313
Naphthalene	ND	ug/Kg	313
1,2,3-Trichlorobenzene	ND	ug/Kg	313

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	45	50	90%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	56	50	112%
Bromofluorobenzene	45	50	90%

% Solids	80.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

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Mobile Laboratory Services
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Benton Harbor, MI 49002
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IT Group, Inc.
1499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2096
Analysis Date: 29-Sep-99
Preserv. Date: 28-Sep-99
Operator: GHP
Sample ID: SB03 SS01 (A008)
Matrix: Soil
Date Sampled: 28-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	275
Chloromethane	ND	ug/Kg	275
Vinyl chloride	ND	ug/Kg	110
Bromomethane	ND	ug/Kg	275
Trichlorofluoromenthane	ND	ug/Kg	275
Chloroethane	ND	ug/Kg	275
1,1-Dichloroethene	ND	ug/Kg	55
Methylene chloride	ND	ug/Kg	275
trans-1,2-Dichloroethene	ND	ug/Kg	55
1,1-Dichloroethane	ND	ug/Kg	55
cis-1,2-Dichloroethene	NA	ug/Kg	55
Bromochloromethane	ND	ug/Kg	110
Chloroform	ND	ug/Kg	55
1,1,1-Trichloroethane	ND	ug/Kg	55
Carbon tetrachloride	ND	ug/Kg	55
1,1-Dichloropropene	ND	ug/Kg	55
Benzene	ND	ug/Kg	55
1,2-Dichloroethane	ND	ug/Kg	55
Trichloroethene	ND	ug/Kg	55
1,2-Dichloropropane	ND	ug/Kg	55
Dibromomethane	ND	ug/Kg	110
Bromodichloromethane	ND	ug/Kg	110
cis-1,3-Dichloropropene	ND	ug/Kg	55
Toluene	ND	ug/Kg	55
trans-1,3-Dichloropropene	ND	ug/Kg	55
1,1,2-Trichloroethane	ND	ug/Kg	55
Tetrachloroethene	ND	ug/Kg	55
1,3-Dichloropropane	ND	ug/Kg	55
Dibromochloromethane	ND	ug/Kg	110
1,2-Dibromoethane	ND	ug/Kg	55
Chlorobenzene	ND	ug/Kg	55
1,1,1,2-Tetrachlorethane	ND	ug/Kg	110
Ethylbenzene	ND	ug/Kg	55
m & p-Xylene	ND	ug/Kg	110
o-Xylene	ND	ug/Kg	55

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB03 SS01 (A008)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	55
Bromoform	ND	ug/Kg	110
Isopropylbenzene	ND	ug/Kg	110
Bromobenzene	ND	ug/Kg	110
1,1,2,2-Tetrachloroethane	ND	ug/Kg	110
1,2,3-Trichloropropane	ND	ug/Kg	110
n-Propylbenzene	ND	ug/Kg	110
2-Chlorotoluene	ND	ug/Kg	110
4-Chlorotoluene	ND	ug/Kg	110
1,3,5-Trimethylbenzene	ND	ug/Kg	110
tert-Butylbenzene	ND	ug/Kg	110
1,2,4-Trimethylbenzene	ND	ug/Kg	110
sec-Butylbenzene	ND	ug/Kg	110
1,3-Dichlorobenzene	ND	ug/Kg	110
p-Isopropyltoluene	ND	ug/Kg	110
1,4-Dichlorobenzene	ND	ug/Kg	110
1,2-Dichlorobenzene	ND	ug/Kg	110
n-Butylbenzene	ND	ug/Kg	110
1,2-Dibromo-3-chloropropane	ND	ug/Kg	275
1,2,4-Trichlorobenzene	ND	ug/Kg	275
Hexachlorobutadiene	ND	ug/Kg	275
Naphthalene	ND	ug/Kg	275
1,2,3-Trichlorobenzene	ND	ug/Kg	275

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	39	50	78%
1,2-Dichloroethane d4	35	50	70%
Toluene d8	45	50	90%
Bromofluorobenzene	39	50	78%

% Solids	91.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

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Mobile Laboratory Services
667 West Main Street
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IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2089
Analysis Date: 29-Sep-99
Preserv. Date: 28-Sep-99
Operator: GHP
Sample ID: **SB03 SS02 (A009)**
Matrix: Soil
Date Sampled: 28-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	287
Chloromethane	ND	ug/Kg	287
Vinyl chloride	ND	ug/Kg	115
Bromomethane	ND	ug/Kg	287
Trichlorofluoromenthane	ND	ug/Kg	287
Chloroethane	ND	ug/Kg	287
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	287
trans-1,2-Dichloroethene	ND	ug/Kg	57
1,1-Dichloroethane	ND	ug/Kg	57
cis-1,2-Dichloroethene	NA	ug/Kg	57
Bromochloromethane	ND	ug/Kg	115
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	260	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	115
Bromodichloromethane	ND	ug/Kg	115
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	115
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	115
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	115
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB03 SS02 (A009)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	115
Isopropylbenzene	ND	ug/Kg	115
Bromobenzene	ND	ug/Kg	115
1,1,2,2-Tetrachloroethane	ND	ug/Kg	115
1,2,3-Trichloropropane	ND	ug/Kg	115
n-Propylbenzene	ND	ug/Kg	115
2-Chlorotoluene	ND	ug/Kg	115
4-Chlorotoluene	ND	ug/Kg	115
1,3,5-Trimethylbenzene	ND	ug/Kg	115
tert-Butylbenzene	ND	ug/Kg	115
1,2,4-Trimethylbenzene	ND	ug/Kg	115
sec-Butylbenzene	ND	ug/Kg	115
1,3-Dichlorobenzene	ND	ug/Kg	115
p-Isopropyltoluene	ND	ug/Kg	115
1,4-Dichlorobenzene	ND	ug/Kg	115
1,2-Dichlorobenzene	ND	ug/Kg	115
n-Butylbenzene	ND	ug/Kg	115
1,2-Dibromo-3-chloropropane	ND	ug/Kg	287
1,2,4-Trichlorobenzene	ND	ug/Kg	287
Hexachlorobutadiene	ND	ug/Kg	287
Naphthalene	ND	ug/Kg	287
1,2,3-Trichlorobenzene	ND	ug/Kg	287

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	38	50	76%
1,2-Dichloroethane d4	33	50	66%
Toluene d8	44	50	88%
Bromofluorobenzene	39	50	78%

% Solids	87.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2090
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: SB04 SS01 (A011)
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	272
Chloromethane	ND	ug/Kg	272
Vinyl chloride	ND	ug/Kg	109
Bromomethane	ND	ug/Kg	272
Trichlorofluoromenthane	ND	ug/Kg	272
Chloroethane	ND	ug/Kg	272
1,1-Dichloroethene	ND	ug/Kg	54
Methylene chloride	ND	ug/Kg	272
trans-1,2-Dichloroethene	ND	ug/Kg	54
1,1-Dichloroethane	ND	ug/Kg	54
cis-1,2-Dichloroethene	NA	ug/Kg	54
Bromochloromethane	ND	ug/Kg	109
Chloroform	ND	ug/Kg	54
1,1,1-Trichloroethane	ND	ug/Kg	54
Carbon tetrachloride	ND	ug/Kg	54
1,1-Dichloropropene	ND	ug/Kg	54
Benzene	ND	ug/Kg	54
1,2-Dichloroethane	ND	ug/Kg	54
Trichloroethene	ND	ug/Kg	54
1,2-Dichloropropane	ND	ug/Kg	54
Dibromomethane	ND	ug/Kg	109
Bromodichloromethane	ND	ug/Kg	109
cis-1,3-Dichloropropene	ND	ug/Kg	54
Toluene	ND	ug/Kg	54
trans-1,3-Dichloropropene	ND	ug/Kg	54
1,1,2-Trichloroethane	ND	ug/Kg	54
Tetrachloroethene	ND	ug/Kg	54
1,3-Dichloropropane	ND	ug/Kg	54
Dibromochloromethane	ND	ug/Kg	109
1,2-Dibromoethane	ND	ug/Kg	54
Chlorobenzene	ND	ug/Kg	54
1,1,1,2-Tetrachlorethane	ND	ug/Kg	109
Ethylbenzene	180	ug/Kg	54
m & p-Xylene	650	ug/Kg	109
o-Xylene	170	ug/Kg	54

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB04 SS01 (A011)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	54
Bromoform	ND	ug/Kg	109
Isopropylbenzene	ND	ug/Kg	109
Bromobenzene	ND	ug/Kg	109
1,1,2,2-Tetrachloroethane	ND	ug/Kg	109
1,2,3-Trichloropropane	ND	ug/Kg	109
n-Propylbenzene	ND	ug/Kg	109
2-Chlorotoluene	ND	ug/Kg	109
4-Chlorotoluene	ND	ug/Kg	109
1,3,5-Trimethylbenzene	ND	ug/Kg	109
tert-Butylbenzene	ND	ug/Kg	109
1,2,4-Trimethylbenzene	ND	ug/Kg	109
sec-Butylbenzene	ND	ug/Kg	109
1,3-Dichlorobenzene	ND	ug/Kg	109
p-Isopropyltoluene	ND	ug/Kg	109
1,4-Dichlorobenzene	ND	ug/Kg	109
1,2-Dichlorobenzene	ND	ug/Kg	109
n-Butylbenzene	ND	ug/Kg	109
1,2-Dibromo-3-chloropropane	ND	ug/Kg	272
1,2,4-Trichlorobenzene	ND	ug/Kg	272
Hexachlorobutadiene	ND	ug/Kg	272
Naphthalene	ND	ug/Kg	272
1,2,3-Trichlorobenzene	ND	ug/Kg	272

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	51	50	102%
1,2-Dichloroethane d4	44	50	88%
Toluene d8	62	50	124%
Bromofluorobenzene	49	50	98%

% Solids	92.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2091
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: SB04 SS02 (A012)
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	301
Chloromethane	ND	ug/Kg	301
Vinyl chloride	ND	ug/Kg	120
Bromomethane	ND	ug/Kg	301
Trichlorofluoromenthane	ND	ug/Kg	301
Chloroethane	ND	ug/Kg	301
1,1-Dichloroethene	ND	ug/Kg	60
Methylene chloride	ND	ug/Kg	301
trans-1,2-Dichloroethene	ND	ug/Kg	60
1,1-Dichloroethane	ND	ug/Kg	60
cis-1,2-Dichloroethene	440	ug/Kg	60
Bromochloromethane	ND	ug/Kg	120
Chloroform	ND	ug/Kg	60
1,1,1-Trichloroethane	ND	ug/Kg	60
Carbon tetrachloride	ND	ug/Kg	60
1,1-Dichloropropene	ND	ug/Kg	60
Benzene	ND	ug/Kg	60
1,2-Dichloroethane	ND	ug/Kg	60
Trichloroethene	1000	ug/Kg	60
1,2-Dichloropropane	ND	ug/Kg	60
Dibromomethane	ND	ug/Kg	120
Bromodichloromethane	ND	ug/Kg	120
cis-1,3-Dichloropropene	ND	ug/Kg	60
Toluene	ND	ug/Kg	60
trans-1,3-Dichloropropene	ND	ug/Kg	60
1,1,2-Trichloroethane	ND	ug/Kg	60
Tetrachloroethene	ND	ug/Kg	60
1,3-Dichloropropane	ND	ug/Kg	60
Dibromochloromethane	ND	ug/Kg	120
1,2-Dibromoethane	ND	ug/Kg	60
Chlorobenzene	ND	ug/Kg	60
1,1,1,2-Tetrachlorethane	ND	ug/Kg	120
Ethylbenzene	ND	ug/Kg	60
m & p-Xylene	ND	ug/Kg	120
o-Xylene	ND	ug/Kg	60

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB04 SS02 (A012)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	60
Bromoform	ND	ug/Kg	120
Isopropylbenzene	ND	ug/Kg	120
Bromobenzene	ND	ug/Kg	120
1,1,2,2-Tetrachloroethane	ND	ug/Kg	120
1,2,3-Trichloropropane	ND	ug/Kg	120
n-Propylbenzene	ND	ug/Kg	120
2-Chlorotoluene	ND	ug/Kg	120
4-Chlorotoluene	ND	ug/Kg	120
1,3,5-Trimethylbenzene	ND	ug/Kg	120
tert-Butylbenzene	ND	ug/Kg	120
1,2,4-Trimethylbenzene	ND	ug/Kg	120
sec-Butylbenzene	ND	ug/Kg	120
1,3-Dichlorobenzene	ND	ug/Kg	120
p-Isopropyltoluene	ND	ug/Kg	120
1,4-Dichlorobenzene	ND	ug/Kg	120
1,2-Dichlorobenzene	ND	ug/Kg	120
n-Butylbenzene	ND	ug/Kg	120
1,2-Dibromo-3-chloropropane	ND	ug/Kg	301
1,2,4-Trichlorobenzene	ND	ug/Kg	301
Hexachlorobutadiene	ND	ug/Kg	301
Naphthalene	ND	ug/Kg	301
1,2,3-Trichlorobenzene	ND	ug/Kg	301

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	43	50	86%
Toluene d8	55	50	110%
Bromofluorobenzene	49	50	98%

% Solids	83.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2092
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: SB05 SS01 (A014)
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	272
Chloromethane	ND	ug/Kg	272
Vinyl chloride	ND	ug/Kg	109
Bromomethane	ND	ug/Kg	272
Trichlorofluoromenthane	ND	ug/Kg	272
Chloroethane	ND	ug/Kg	272
1,1-Dichloroethene	ND	ug/Kg	54
Methylene chloride	ND	ug/Kg	272
trans-1,2-Dichloroethene	ND	ug/Kg	54
1,1-Dichloroethane	ND	ug/Kg	54
cis-1,2-Dichloroethene	ND	ug/Kg	54
Bromochloromethane	ND	ug/Kg	109
Chloroform	ND	ug/Kg	54
1,1,1-Trichloroethane	ND	ug/Kg	54
Carbon tetrachloride	ND	ug/Kg	54
1,1-Dichloropropene	ND	ug/Kg	54
Benzene	ND	ug/Kg	54
1,2-Dichloroethane	ND	ug/Kg	54
Trichloroethene	ND	ug/Kg	54
1,2-Dichloropropane	ND	ug/Kg	54
Dibromomethane	ND	ug/Kg	109
Bromodichloromethane	ND	ug/Kg	109
cis-1,3-Dichloropropene	ND	ug/Kg	54
Toluene	ND	ug/Kg	54
trans-1,3-Dichloropropene	ND	ug/Kg	54
1,1,2-Trichloroethane	ND	ug/Kg	54
Tetrachloroethene	ND	ug/Kg	54
1,3-Dichloropropane	ND	ug/Kg	54
Dibromochloromethane	ND	ug/Kg	109
1,2-Dibromoethane	ND	ug/Kg	54
Chlorobenzene	ND	ug/Kg	54
1,1,1,2-Tetrachlorethane	ND	ug/Kg	109
Ethylbenzene	80	ug/Kg	54
m & p-Xylene	270	ug/Kg	109
o-Xylene	80	ug/Kg	54

Continued

New Age/Landmark
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667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB05 SS01 (A014)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	54
Bromoform	ND	ug/Kg	109
Isopropylbenzene	ND	ug/Kg	109
Bromobenzene	ND	ug/Kg	109
1,1,2,2-Tetrachloroethane	ND	ug/Kg	109
1,2,3-Trichloropropane	ND	ug/Kg	109
n-Propylbenzene	ND	ug/Kg	109
2-Chlorotoluene	ND	ug/Kg	109
4-Chlorotoluene	ND	ug/Kg	109
1,3,5-Trimethylbenzene	ND	ug/Kg	109
tert-Butylbenzene	ND	ug/Kg	109
1,2,4-Trimethylbenzene	ND	ug/Kg	109
sec-Butylbenzene	ND	ug/Kg	109
1,3-Dichlorobenzene	ND	ug/Kg	109
p-Isopropyltoluene	ND	ug/Kg	109
1,4-Dichlorobenzene	ND	ug/Kg	109
1,2-Dichlorobenzene	ND	ug/Kg	109
n-Butylbenzene	ND	ug/Kg	109
1,2-Dibromo-3-chloropropane	ND	ug/Kg	272
1,2,4-Trichlorobenzene	ND	ug/Kg	272
Hexachlorobutadiene	ND	ug/Kg	272
Naphthalene	ND	ug/Kg	272
1,2,3-Trichlorobenzene	ND	ug/Kg	272

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	42	50	84%
1,2-Dichloroethane d4	38	50	76%
Toluene d8	51	50	102%
Bromofluorobenzene	43	50	86%

% Solids	92.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2093
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: SB05 SS02 (A015)
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	278
Chloromethane	ND	ug/Kg	278
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	278
Trichlorofluoromenthane	ND	ug/Kg	278
Chloroethane	ND	ug/Kg	278
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	278
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
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667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB05 SS02 (A015)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	278
1,2,4-Trichlorobenzene	ND	ug/Kg	278
Hexachlorobutadiene	ND	ug/Kg	278
Naphthalene	ND	ug/Kg	278
1,2,3-Trichlorobenzene	ND	ug/Kg	278

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	42	50	84%
1,2-Dichloroethane d4	36	50	72%
Toluene d8	51	50	102%
Bromofluorobenzene	42	50	84%

% Solids	90.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2094
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: **SB05 SS52 (A016)**
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	291
Chloromethane	ND	ug/Kg	291
Vinyl chloride	ND	ug/Kg	116
Bromomethane	ND	ug/Kg	291
Trichlorofluoromenthane	ND	ug/Kg	291
Chloroethane	ND	ug/Kg	291
1,1-Dichloroethene	ND	ug/Kg	58
Methylene chloride	ND	ug/Kg	291
trans-1,2-Dichloroethene	ND	ug/Kg	58
1,1-Dichloroethane	ND	ug/Kg	58
cis-1,2-Dichloroethene	ND	ug/Kg	58
Bromochloromethane	ND	ug/Kg	116
Chloroform	ND	ug/Kg	58
1,1,1-Trichloroethane	ND	ug/Kg	58
Carbon tetrachloride	ND	ug/Kg	58
1,1-Dichloropropene	ND	ug/Kg	58
Benzene	ND	ug/Kg	58
1,2-Dichloroethane	ND	ug/Kg	58
Trichloroethene	ND	ug/Kg	58
1,2-Dichloropropane	ND	ug/Kg	58
Dibromomethane	ND	ug/Kg	116
Bromodichloromethane	ND	ug/Kg	116
cis-1,3-Dichloropropene	ND	ug/Kg	58
Toluene	ND	ug/Kg	58
trans-1,3-Dichloropropene	ND	ug/Kg	58
1,1,2-Trichloroethane	ND	ug/Kg	58
Tetrachloroethene	ND	ug/Kg	58
1,3-Dichloropropane	ND	ug/Kg	58
Dibromochloromethane	ND	ug/Kg	116
1,2-Dibromoethane	ND	ug/Kg	58
Chlorobenzene	ND	ug/Kg	58
1,1,1,2-Tetrachlorethane	ND	ug/Kg	116
Ethylbenzene	ND	ug/Kg	58
m & p-Xylene	ND	ug/Kg	116
o-Xylene	ND	ug/Kg	58

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB05 SS52 (A016)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	58
Bromoform	ND	ug/Kg	116
Isopropylbenzene	ND	ug/Kg	116
Bromobenzene	ND	ug/Kg	116
1,1,2,2-Tetrachloroethane	ND	ug/Kg	116
1,2,3-Trichloropropane	ND	ug/Kg	116
n-Propylbenzene	ND	ug/Kg	116
2-Chlorotoluene	ND	ug/Kg	116
4-Chlorotoluene	ND	ug/Kg	116
1,3,5-Trimethylbenzene	ND	ug/Kg	116
tert-Butylbenzene	ND	ug/Kg	116
1,2,4-Trimethylbenzene	ND	ug/Kg	116
sec-Butylbenzene	ND	ug/Kg	116
1,3-Dichlorobenzene	ND	ug/Kg	116
p-Isopropyltoluene	ND	ug/Kg	116
1,4-Dichlorobenzene	ND	ug/Kg	116
1,2-Dichlorobenzene	ND	ug/Kg	116
n-Butylbenzene	ND	ug/Kg	116
1,2-Dibromo-3-chloropropane	ND	ug/Kg	291
1,2,4-Trichlorobenzene	ND	ug/Kg	291
Hexachlorobutadiene	ND	ug/Kg	291
Naphthalene	ND	ug/Kg	291
1,2,3-Trichlorobenzene	ND	ug/Kg	291

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	50	50	100%
Bromofluorobenzene	42	50	84%

% Solids	86.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2097
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: **SB06 SS01 (A019)**
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	266
Chloromethane	ND	ug/Kg	266
Vinyl chloride	ND	ug/Kg	106
Bromomethane	ND	ug/Kg	266
Trichlorofluoromenthane	ND	ug/Kg	266
Chloroethane	ND	ug/Kg	266
1,1-Dichloroethene	ND	ug/Kg	53
Methylene chloride	ND	ug/Kg	266
trans-1,2-Dichloroethene	ND	ug/Kg	53
1,1-Dichloroethane	ND	ug/Kg	53
cis-1,2-Dichloroethene	ND	ug/Kg	53
Bromochloromethane	ND	ug/Kg	106
Chloroform	ND	ug/Kg	53
1,1,1-Trichloroethane	ND	ug/Kg	53
Carbon tetrachloride	ND	ug/Kg	53
1,1-Dichloropropene	ND	ug/Kg	53
Benzene	ND	ug/Kg	53
1,2-Dichloroethane	ND	ug/Kg	53
Trichloroethene	ND	ug/Kg	53
1,2-Dichloropropane	ND	ug/Kg	53
Dibromomethane	ND	ug/Kg	106
Bromodichloromethane	ND	ug/Kg	106
cis-1,3-Dichloropropene	ND	ug/Kg	53
Toluene	ND	ug/Kg	53
trans-1,3-Dichloropropene	ND	ug/Kg	53
1,1,2-Trichloroethane	ND	ug/Kg	53
Tetrachloroethene	ND	ug/Kg	53
1,3-Dichloropropane	ND	ug/Kg	53
Dibromochloromethane	ND	ug/Kg	106
1,2-Dibromoethane	ND	ug/Kg	53
Chlorobenzene	ND	ug/Kg	53
1,1,1,2-Tetrachlorethane	ND	ug/Kg	106
Ethylbenzene	ND	ug/Kg	53
m & p-Xylene	120	ug/Kg	106
o-Xylene	ND	ug/Kg	53

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB06 SS01 (A019)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	53
Bromoform	ND	ug/Kg	106
Isopropylbenzene	ND	ug/Kg	106
Bromobenzene	ND	ug/Kg	106
1,1,2,2-Tetrachloroethane	ND	ug/Kg	106
1,2,3-Trichloropropane	ND	ug/Kg	106
n-Propylbenzene	ND	ug/Kg	106
2-Chlorotoluene	ND	ug/Kg	106
4-Chlorotoluene	ND	ug/Kg	106
1,3,5-Trimethylbenzene	ND	ug/Kg	106
tert-Butylbenzene	ND	ug/Kg	106
1,2,4-Trimethylbenzene	ND	ug/Kg	106
sec-Butylbenzene	ND	ug/Kg	106
1,3-Dichlorobenzene	ND	ug/Kg	106
p-Isopropyltoluene	ND	ug/Kg	106
1,4-Dichlorobenzene	ND	ug/Kg	106
1,2-Dichlorobenzene	ND	ug/Kg	106
n-Butylbenzene	ND	ug/Kg	106
1,2-Dibromo-3-chloropropane	ND	ug/Kg	266
1,2,4-Trichlorobenzene	ND	ug/Kg	266
Hexachlorobutadiene	ND	ug/Kg	266
Naphthalene	ND	ug/Kg	266
1,2,3-Trichlorobenzene	ND	ug/Kg	266

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	34	50	68%
1,2-Dichloroethane d4	32	50	64%
Toluene d8	61	50	122%
Bromofluorobenzene	42	50	84%

% Solids	94.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2098
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: **SB06 SS02 (A020)**
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	287
Chloromethane	ND	ug/Kg	287
Vinyl chloride	ND	ug/Kg	115
Bromomethane	ND	ug/Kg	287
Trichlorofluoromenthane	ND	ug/Kg	287
Chloroethane	ND	ug/Kg	287
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	287
trans-1,2-Dichloroethene	ND	ug/Kg	57
1,1-Dichloroethane	ND	ug/Kg	57
cis-1,2-Dichloroethene	ND	ug/Kg	57
Bromochloromethane	ND	ug/Kg	115
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	ND	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	115
Bromodichloromethane	ND	ug/Kg	115
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	115
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	115
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	115
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB06 SS02 (A020)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	115
Isopropylbenzene	ND	ug/Kg	115
Bromobenzene	ND	ug/Kg	115
1,1,2,2-Tetrachloroethane	ND	ug/Kg	115
1,2,3-Trichloropropane	ND	ug/Kg	115
n-Propylbenzene	ND	ug/Kg	115
2-Chlorotoluene	ND	ug/Kg	115
4-Chlorotoluene	ND	ug/Kg	115
1,3,5-Trimethylbenzene	ND	ug/Kg	115
tert-Butylbenzene	ND	ug/Kg	115
1,2,4-Trimethylbenzene	ND	ug/Kg	115
sec-Butylbenzene	ND	ug/Kg	115
1,3-Dichlorobenzene	ND	ug/Kg	115
p-Isopropyltoluene	ND	ug/Kg	115
1,4-Dichlorobenzene	ND	ug/Kg	115
1,2-Dichlorobenzene	ND	ug/Kg	115
n-Butylbenzene	ND	ug/Kg	115
1,2-Dibromo-3-chloropropane	ND	ug/Kg	287
1,2,4-Trichlorobenzene	ND	ug/Kg	287
Hexachlorobutadiene	ND	ug/Kg	287
Naphthalene	ND	ug/Kg	287
1,2,3-Trichlorobenzene	ND	ug/Kg	287

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	43	50	86%
1,2-Dichloroethane d4	42	50	84%
Toluene d8	54	50	108%
Bromofluorobenzene	44	50	88%

% Solids	87.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.	**Data file:** B2118
11499 Chester Road	**Analysis Date:** 30-Sep-99
Cinninati, Ohio 45246	**Preserv. Date:** 29-Sep-99
ATTN: Mr. Chris Norman	**Operator:** GHP
	Sample ID: **SB07 SS01 (A022)**
Project #: NAL99084	**Matrix:** Soil
Project Site: Wright Patterson AFB	**Date Sampled:** 29-Sep-99
	Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	272
Chloromethane	ND	ug/Kg	272
Vinyl chloride	ND	ug/Kg	109
Bromomethane	ND	ug/Kg	272
Trichlorofluoromenthane	ND	ug/Kg	272
Chloroethane	ND	ug/Kg	272
1,1-Dichloroethene	ND	ug/Kg	54
Methylene chloride	ND	ug/Kg	272
trans-1,2-Dichloroethene	ND	ug/Kg	54
1,1-Dichloroethane	ND	ug/Kg	54
cis-1,2-Dichloroethene	ND	ug/Kg	54
Bromochloromethane	ND	ug/Kg	109
Chloroform	ND	ug/Kg	54
1,1,1-Trichloroethane	ND	ug/Kg	54
Carbon tetrachloride	ND	ug/Kg	54
1,1-Dichloropropene	ND	ug/Kg	54
Benzene	ND	ug/Kg	54
1,2-Dichloroethane	ND	ug/Kg	54
Trichloroethene	ND	ug/Kg	54
1,2-Dichloropropane	ND	ug/Kg	54
Dibromomethane	ND	ug/Kg	109
Bromodichloromethane	ND	ug/Kg	109
cis-1,3-Dichloropropene	ND	ug/Kg	54
Toluene	ND	ug/Kg	54
trans-1,3-Dichloropropene	ND	ug/Kg	54
1,1,2-Trichloroethane	ND	ug/Kg	54
Tetrachloroethene	ND	ug/Kg	54
1,3-Dichloropropane	ND	ug/Kg	54
Dibromochloromethane	ND	ug/Kg	109
1,2-Dibromoethane	ND	ug/Kg	54
Chlorobenzene	ND	ug/Kg	54
1,1,1,2-Tetrachlorethane	ND	ug/Kg	109
Ethylbenzene	ND	ug/Kg	54
m & p-Xylene	ND	ug/Kg	109
o-Xylene	ND	ug/Kg	54

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB07 SS01 (A022)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	54
Bromoform	ND	ug/Kg	109
Isopropylbenzene	ND	ug/Kg	109
Bromobenzene	ND	ug/Kg	109
1,1,2,2-Tetrachloroethane	ND	ug/Kg	109
1,2,3-Trichloropropane	ND	ug/Kg	109
n-Propylbenzene	ND	ug/Kg	109
2-Chlorotoluene	ND	ug/Kg	109
4-Chlorotoluene	ND	ug/Kg	109
1,3,5-Trimethylbenzene	ND	ug/Kg	109
tert-Butylbenzene	ND	ug/Kg	109
1,2,4-Trimethylbenzene	ND	ug/Kg	109
sec-Butylbenzene	ND	ug/Kg	109
1,3-Dichlorobenzene	ND	ug/Kg	109
p-Isopropyltoluene	ND	ug/Kg	109
1,4-Dichlorobenzene	ND	ug/Kg	109
1,2-Dichlorobenzene	ND	ug/Kg	109
n-Butylbenzene	ND	ug/Kg	109
1,2-Dibromo-3-chloropropane	ND	ug/Kg	272
1,2,4-Trichlorobenzene	ND	ug/Kg	272
Hexachlorobutadiene	ND	ug/Kg	272
Naphthalene	ND	ug/Kg	272
1,2,3-Trichlorobenzene	ND	ug/Kg	272

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	50	50	100%
1,2-Dichloroethane d4	48	50	96%
Toluene d8	46	50	92%
Bromofluorobenzene	46	50	92%

% Solids	92.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2119
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: SB07 SS02 (A023)
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	284
Chloromethane	ND	ug/Kg	284
Vinyl chloride	ND	ug/Kg	114
Bromomethane	ND	ug/Kg	284
Trichlorofluoromenthane	ND	ug/Kg	284
Chloroethane	ND	ug/Kg	284
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	284
trans-1,2-Dichloroethene	ND	ug/Kg	57
1,1-Dichloroethane	ND	ug/Kg	57
cis-1,2-Dichloroethene	ND	ug/Kg	57
Bromochloromethane	ND	ug/Kg	114
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	ND	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	114
Bromodichloromethane	ND	ug/Kg	114
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	114
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	114
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	114
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB07 SS02 (A023)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	114
Isopropylbenzene	ND	ug/Kg	114
Bromobenzene	ND	ug/Kg	114
1,1,2,2-Tetrachloroethane	ND	ug/Kg	114
1,2,3-Trichloropropane	ND	ug/Kg	114
n-Propylbenzene	ND	ug/Kg	114
2-Chlorotoluene	ND	ug/Kg	114
4-Chlorotoluene	ND	ug/Kg	114
1,3,5-Trimethylbenzene	ND	ug/Kg	114
tert-Butylbenzene	ND	ug/Kg	114
1,2,4-Trimethylbenzene	ND	ug/Kg	114
sec-Butylbenzene	ND	ug/Kg	114
1,3-Dichlorobenzene	ND	ug/Kg	114
p-Isopropyltoluene	ND	ug/Kg	114
1,4-Dichlorobenzene	ND	ug/Kg	114
1,2-Dichlorobenzene	ND	ug/Kg	114
n-Butylbenzene	ND	ug/Kg	114
1,2-Dibromo-3-chloropropane	ND	ug/Kg	284
1,2,4-Trichlorobenzene	ND	ug/Kg	284
Hexachlorobutadiene	ND	ug/Kg	284
Naphthalene	ND	ug/Kg	284
1,2,3-Trichlorobenzene	ND	ug/Kg	284

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	42	50	84%
Toluene d8	51	50	102%
Bromofluorobenzene	46	50	92%

% Solids	88.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2108
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: SB08 SS01 (A025)
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	284
Chloromethane	ND	ug/Kg	284
Vinyl chloride	75	ug/Kg	114
Bromomethane	ND	ug/Kg	284
Trichlorofluoromenthane	ND	ug/Kg	284
Chloroethane	ND	ug/Kg	284
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	284
trans-1,2-Dichloroethene	540 E	ug/Kg	57
1,1-Dichloroethane	150	ug/Kg	57
cis-1,2-Dichloroethene	61000 E	ug/Kg	57
Bromochloromethane	ND	ug/Kg	114
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	ND	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	114
Bromodichloromethane	ND	ug/Kg	114
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	114
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	114
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	114
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB08 SS01 (A025)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	114
Isopropylbenzene	ND	ug/Kg	114
Bromobenzene	ND	ug/Kg	114
1,1,2,2-Tetrachloroethane	ND	ug/Kg	114
1,2,3-Trichloropropane	ND	ug/Kg	114
n-Propylbenzene	ND	ug/Kg	114
2-Chlorotoluene	ND	ug/Kg	114
4-Chlorotoluene	ND	ug/Kg	114
1,3,5-Trimethylbenzene	ND	ug/Kg	114
tert-Butylbenzene	ND	ug/Kg	114
1,2,4-Trimethylbenzene	ND	ug/Kg	114
sec-Butylbenzene	ND	ug/Kg	114
1,3-Dichlorobenzene	ND	ug/Kg	114
p-Isopropyltoluene	ND	ug/Kg	114
1,4-Dichlorobenzene	ND	ug/Kg	114
1,2-Dichlorobenzene	ND	ug/Kg	114
n-Butylbenzene	ND	ug/Kg	114
1,2-Dibromo-3-chloropropane	ND	ug/Kg	284
1,2,4-Trichlorobenzene	ND	ug/Kg	284
Hexachlorobutadiene	ND	ug/Kg	284
Naphthalene	ND	ug/Kg	284
1,2,3-Trichlorobenzene	ND	ug/Kg	284

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	52	50	104%
1,2-Dichloroethane d4	44	50	88%
Toluene d8	64	50	128%
Bromofluorobenzene	51	50	102%

% Solids	88.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2111
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: **SB08 SS01 (A025) DIL**
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	2907
Chloromethane	ND	ug/Kg	2907
Vinyl chloride	ND	ug/Kg	1163
Bromomethane	ND	ug/Kg	2907
Trichlorofluoromenthane	ND	ug/Kg	2907
Chloroethane	ND	ug/Kg	2907
1,1-Dichloroethene	ND	ug/Kg	581
Methylene chloride	ND	ug/Kg	2907
trans-1,2-Dichloroethene	600	ug/Kg	581
1,1-Dichloroethane	ND	ug/Kg	581
cis-1,2-Dichloroethene	69000	ug/Kg	581
Bromochloromethane	ND	ug/Kg	1163
Chloroform	ND	ug/Kg	581
1,1,1-Trichloroethane	ND	ug/Kg	581
Carbon tetrachloride	ND	ug/Kg	581
1,1-Dichloropropene	ND	ug/Kg	581
Benzene	ND	ug/Kg	581
1,2-Dichloroethane	ND	ug/Kg	581
Trichloroethene	ND	ug/Kg	581
1,2-Dichloropropane	ND	ug/Kg	581
Dibromomethane	ND	ug/Kg	1163
Bromodichloromethane	ND	ug/Kg	1163
cis-1,3-Dichloropropene	ND	ug/Kg	581
Toluene	ND	ug/Kg	581
trans-1,3-Dichloropropene	ND	ug/Kg	581
1,1,2-Trichloroethane	ND	ug/Kg	581
Tetrachloroethene	ND	ug/Kg	581
1,3-Dichloropropane	ND	ug/Kg	581
Dibromochloromethane	ND	ug/Kg	1163
1,2-Dibromoethane	ND	ug/Kg	581
Chlorobenzene	ND	ug/Kg	581
1,1,1,2-Tetrachlorethane	ND	ug/Kg	1163
Ethylbenzene	ND	ug/Kg	581
m & p-Xylene	ND	ug/Kg	1163
o-Xylene	ND	ug/Kg	581

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB08 SS01 (A025) DIL

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	581
Bromoform	ND	ug/Kg	1163
Isopropylbenzene	ND	ug/Kg	1163
Bromobenzene	ND	ug/Kg	1163
1,1,2,2-Tetrachloroethane	ND	ug/Kg	1163
1,2,3-Trichloropropane	ND	ug/Kg	1163
n-Propylbenzene	ND	ug/Kg	1163
2-Chlorotoluene	ND	ug/Kg	1163
4-Chlorotoluene	ND	ug/Kg	1163
1,3,5-Trimethylbenzene	ND	ug/Kg	1163
tert-Butylbenzene	ND	ug/Kg	1163
1,2,4-Trimethylbenzene	ND	ug/Kg	1163
sec-Butylbenzene	ND	ug/Kg	1163
1,3-Dichlorobenzene	ND	ug/Kg	1163
p-Isopropyltoluene	ND	ug/Kg	1163
1,4-Dichlorobenzene	ND	ug/Kg	1163
1,2-Dichlorobenzene	ND	ug/Kg	1163
n-Butylbenzene	ND	ug/Kg	1163
1,2-Dibromo-3-chloropropane	ND	ug/Kg	2907
1,2,4-Trichlorobenzene	ND	ug/Kg	2907
Hexachlorobutadiene	ND	ug/Kg	2907
Naphthalene	ND	ug/Kg	2907
1,2,3-Trichlorobenzene	ND	ug/Kg	2907

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	43	50	86%
1,2-Dichloroethane d4	38	50	76%
Toluene d8	50	50	100%
Bromofluorobenzene	43	50	86%

% Solids	86.00%	
Dilution Factor	500	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2109
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: **SB08 SS02 (A026)**
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	2874
Chloromethane	ND	ug/Kg	2874
Vinyl chloride	ND	ug/Kg	1149
Bromomethane	ND	ug/Kg	2874
Trichlorofluoromenthane	ND	ug/Kg	2874
Chloroethane	ND	ug/Kg	2874
1,1-Dichloroethene	ND	ug/Kg	575
Methylene chloride	ND	ug/Kg	2874
trans-1,2-Dichloroethene	1100	ug/Kg	575
1,1-Dichloroethane	ND	ug/Kg	575
cis-1,2-Dichloroethene	26000	ug/Kg	575
Bromochloromethane	ND	ug/Kg	1149
Chloroform	ND	ug/Kg	575
1,1,1-Trichloroethane	ND	ug/Kg	575
Carbon tetrachloride	ND	ug/Kg	575
1,1-Dichloropropene	ND	ug/Kg	575
Benzene	ND	ug/Kg	575
1,2-Dichloroethane	ND	ug/Kg	575
Trichloroethene	5600	ug/Kg	575
1,2-Dichloropropane	ND	ug/Kg	575
Dibromomethane	ND	ug/Kg	1149
Bromodichloromethane	ND	ug/Kg	1149
cis-1,3-Dichloropropene	ND	ug/Kg	575
Toluene	ND	ug/Kg	575
trans-1,3-Dichloropropene	ND	ug/Kg	575
1,1,2-Trichloroethane	ND	ug/Kg	575
Tetrachloroethene	ND	ug/Kg	575
1,3-Dichloropropane	ND	ug/Kg	575
Dibromochloromethane	ND	ug/Kg	1149
1,2-Dibromoethane	ND	ug/Kg	575
Chlorobenzene	ND	ug/Kg	575
1,1,1,2-Tetrachlorethane	ND	ug/Kg	1149
Ethylbenzene	ND	ug/Kg	575
m & p-Xylene	ND	ug/Kg	1149
o-Xylene	ND	ug/Kg	575

Continued

New Age/Landmark
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Sample ID: SB08 SS02 (A026)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	575
Bromoform	ND	ug/Kg	1149
Isopropylbenzene	ND	ug/Kg	1149
Bromobenzene	ND	ug/Kg	1149
1,1,2,2-Tetrachloroethane	ND	ug/Kg	1149
1,2,3-Trichloropropane	ND	ug/Kg	1149
n-Propylbenzene	ND	ug/Kg	1149
2-Chlorotoluene	ND	ug/Kg	1149
4-Chlorotoluene	ND	ug/Kg	1149
1,3,5-Trimethylbenzene	ND	ug/Kg	1149
tert-Butylbenzene	ND	ug/Kg	1149
1,2,4-Trimethylbenzene	ND	ug/Kg	1149
sec-Butylbenzene	ND	ug/Kg	1149
1,3-Dichlorobenzene	ND	ug/Kg	1149
p-Isopropyltoluene	ND	ug/Kg	1149
1,4-Dichlorobenzene	ND	ug/Kg	1149
1,2-Dichlorobenzene	ND	ug/Kg	1149
n-Butylbenzene	ND	ug/Kg	1149
1,2-Dibromo-3-chloropropane	ND	ug/Kg	2874
1,2,4-Trichlorobenzene	ND	ug/Kg	2874
Hexachlorobutadiene	ND	ug/Kg	2874
Naphthalene	ND	ug/Kg	2874
1,2,3-Trichlorobenzene	ND	ug/Kg	2874

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	45	50	90%
1,2-Dichloroethane d4	38	50	76%
Toluene d8	51	50	102%
Bromofluorobenzene	44	50	88%

% Solids	87.00%	
Dilution Factor	500	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2120
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: SB09 SS01 (A028)
Matrix: Soil
Date Sampled: 30-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	263
Chloromethane	ND	ug/Kg	263
Vinyl chloride	ND	ug/Kg	105
Bromomethane	ND	ug/Kg	263
Trichlorofluoromenthane	ND	ug/Kg	263
Chloroethane	ND	ug/Kg	263
1,1-Dichloroethene	ND	ug/Kg	53
Methylene chloride	ND	ug/Kg	263
trans-1,2-Dichloroethene	ND	ug/Kg	53
1,1-Dichloroethane	ND	ug/Kg	53
cis-1,2-Dichloroethene	ND	ug/Kg	53
Bromochloromethane	ND	ug/Kg	105
Chloroform	ND	ug/Kg	53
1,1,1-Trichloroethane	ND	ug/Kg	53
Carbon tetrachloride	ND	ug/Kg	53
1,1-Dichloropropene	ND	ug/Kg	53
Benzene	ND	ug/Kg	53
1,2-Dichloroethane	ND	ug/Kg	53
Trichloroethene	ND	ug/Kg	53
1,2-Dichloropropane	ND	ug/Kg	53
Dibromomethane	ND	ug/Kg	105
Bromodichloromethane	ND	ug/Kg	105
cis-1,3-Dichloropropene	ND	ug/Kg	53
Toluene	ND	ug/Kg	53
trans-1,3-Dichloropropene	ND	ug/Kg	53
1,1,2-Trichloroethane	ND	ug/Kg	53
Tetrachloroethene	ND	ug/Kg	53
1,3-Dichloropropane	ND	ug/Kg	53
Dibromochloromethane	ND	ug/Kg	105
1,2-Dibromoethane	ND	ug/Kg	53
Chlorobenzene	ND	ug/Kg	53
1,1,1,2-Tetrachlorethane	ND	ug/Kg	105
Ethylbenzene	ND	ug/Kg	53
m & p-Xylene	ND	ug/Kg	105
o-Xylene	ND	ug/Kg	53

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB09 SS01 (A028)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	53
Bromoform	ND	ug/Kg	105
Isopropylbenzene	ND	ug/Kg	105
Bromobenzene	ND	ug/Kg	105
1,1,2,2-Tetrachloroethane	ND	ug/Kg	105
1,2,3-Trichloropropane	ND	ug/Kg	105
n-Propylbenzene	ND	ug/Kg	105
2-Chlorotoluene	ND	ug/Kg	105
4-Chlorotoluene	ND	ug/Kg	105
1,3,5-Trimethylbenzene	ND	ug/Kg	105
tert-Butylbenzene	ND	ug/Kg	105
1,2,4-Trimethylbenzene	ND	ug/Kg	105
sec-Butylbenzene	ND	ug/Kg	105
1,3-Dichlorobenzene	ND	ug/Kg	105
p-Isopropyltoluene	ND	ug/Kg	105
1,4-Dichlorobenzene	ND	ug/Kg	105
1,2-Dichlorobenzene	ND	ug/Kg	105
n-Butylbenzene	ND	ug/Kg	105
1,2-Dibromo-3-chloropropane	ND	ug/Kg	263
1,2,4-Trichlorobenzene	ND	ug/Kg	263
Hexachlorobutadiene	ND	ug/Kg	263
Naphthalene	ND	ug/Kg	263
1,2,3-Trichlorobenzene	ND	ug/Kg	263

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	42	50	84%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	50	50	100%
Bromofluorobenzene	44	50	88%

% Solids	95.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2121
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: SB09 SS02 (A029)
Matrix: Soil
Date Sampled: 30-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	266
Chloromethane	ND	ug/Kg	266
Vinyl chloride	ND	ug/Kg	106
Bromomethane	ND	ug/Kg	266
Trichlorofluoromenthane	ND	ug/Kg	266
Chloroethane	ND	ug/Kg	266
1,1-Dichloroethene	ND	ug/Kg	53
Methylene chloride	ND	ug/Kg	266
trans-1,2-Dichloroethene	ND	ug/Kg	53
1,1-Dichloroethane	ND	ug/Kg	53
cis-1,2-Dichloroethene	ND	ug/Kg	53
Bromochloromethane	ND	ug/Kg	106
Chloroform	ND	ug/Kg	53
1,1,1-Trichloroethane	ND	ug/Kg	53
Carbon tetrachloride	ND	ug/Kg	53
1,1-Dichloropropene	ND	ug/Kg	53
Benzene	ND	ug/Kg	53
1,2-Dichloroethane	ND	ug/Kg	53
Trichloroethene	ND	ug/Kg	53
1,2-Dichloropropane	ND	ug/Kg	53
Dibromomethane	ND	ug/Kg	106
Bromodichloromethane	ND	ug/Kg	106
cis-1,3-Dichloropropene	ND	ug/Kg	53
Toluene	ND	ug/Kg	53
trans-1,3-Dichloropropene	ND	ug/Kg	53
1,1,2-Trichloroethane	ND	ug/Kg	53
Tetrachloroethene	ND	ug/Kg	53
1,3-Dichloropropane	ND	ug/Kg	53
Dibromochloromethane	ND	ug/Kg	106
1,2-Dibromoethane	ND	ug/Kg	53
Chlorobenzene	ND	ug/Kg	53
1,1,1,2-Tetrachlorethane	ND	ug/Kg	106
Ethylbenzene	ND	ug/Kg	53
m & p-Xylene	ND	ug/Kg	106
o-Xylene	ND	ug/Kg	53

Continued

New Age/Landmark
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Sample ID: SB09 SS02 (A029)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	53
Bromoform	ND	ug/Kg	106
Isopropylbenzene	ND	ug/Kg	106
Bromobenzene	ND	ug/Kg	106
1,1,2,2-Tetrachloroethane	ND	ug/Kg	106
1,2,3-Trichloropropane	ND	ug/Kg	106
n-Propylbenzene	ND	ug/Kg	106
2-Chlorotoluene	ND	ug/Kg	106
4-Chlorotoluene	ND	ug/Kg	106
1,3,5-Trimethylbenzene	ND	ug/Kg	106
tert-Butylbenzene	ND	ug/Kg	106
1,2,4-Trimethylbenzene	ND	ug/Kg	106
sec-Butylbenzene	ND	ug/Kg	106
1,3-Dichlorobenzene	ND	ug/Kg	106
p-Isopropyltoluene	ND	ug/Kg	106
1,4-Dichlorobenzene	ND	ug/Kg	106
1,2-Dichlorobenzene	ND	ug/Kg	106
n-Butylbenzene	ND	ug/Kg	106
1,2-Dibromo-3-chloropropane	ND	ug/Kg	266
1,2,4-Trichlorobenzene	ND	ug/Kg	266
Hexachlorobutadiene	ND	ug/Kg	266
Naphthalene	ND	ug/Kg	266
1,2,3-Trichlorobenzene	ND	ug/Kg	266

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	45	50	90%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	52	50	104%
Bromofluorobenzene	45	50	90%

% Solids	94.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
1 1499 Chester Road
Cinnnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2123
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: SB10 SS01 (A031)
Matrix: Soil
Date Sampled: 30-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	278
Chloromethane	ND	ug/Kg	278
Vinylchloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	278
Trichlorofluoromenthane	ND	ug/Kg	278
Chloroethane	ND	ug/Kg	278
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	278
trans-1,2-Dichloroethene	220	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	1600	ug/Kg	56
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
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Sample ID: SB10 SS01 (A031)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	278
1,2,4-Trichlorobenzene	ND	ug/Kg	278
Hexachlorobutadiene	ND	ug/Kg	278
Naphthalene	ND	ug/Kg	278
1,2,3-Trichlorobenzene	ND	ug/Kg	278

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	51	50	102%
Bromofluorobenzene	45	50	90%

% Solids	90.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2126
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: SB11 SS01 (A034)
Matrix: Soil
Date Sampled: 30-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	305
Chloromethane	ND	ug/Kg	305
Vinyl chloride	ND	ug/Kg	122
Bromomethane	ND	ug/Kg	305
Trichlorofluoromenthane	ND	ug/Kg	305
Chloroethane	ND	ug/Kg	305
1,1-Dichloroethene	ND	ug/Kg	61
Methylene chloride	ND	ug/Kg	305
trans-1,2-Dichloroethene	ND	ug/Kg	61
1,1-Dichloroethane	ND	ug/Kg	61
cis-1,2-Dichloroethene	ND	ug/Kg	61
Bromochloromethane	ND	ug/Kg	122
Chloroform	ND	ug/Kg	61
1,1,1-Trichloroethane	ND	ug/Kg	61
Carbon tetrachloride	ND	ug/Kg	61
1,1-Dichloropropene	ND	ug/Kg	61
Benzene	ND	ug/Kg	61
1,2-Dichloroethane	ND	ug/Kg	61
Trichloroethene	ND	ug/Kg	61
1,2-Dichloropropane	ND	ug/Kg	61
Dibromomethane	ND	ug/Kg	122
Bromodichloromethane	ND	ug/Kg	122
cis-1,3-Dichloropropene	ND	ug/Kg	61
Toluene	ND	ug/Kg	61
trans-1,3-Dichloropropene	ND	ug/Kg	61
1,1,2-Trichloroethane	ND	ug/Kg	61
Tetrachloroethene	ND	ug/Kg	61
1,3-Dichloropropane	ND	ug/Kg	61
Dibromochloromethane	ND	ug/Kg	122
1,2-Dibromoethane	ND	ug/Kg	61
Chlorobenzene	ND	ug/Kg	61
1,1,1,2-Tetrachlorethane	ND	ug/Kg	122
Ethylbenzene	ND	ug/Kg	61
m & p-Xylene	ND	ug/Kg	122
o-Xylene	ND	ug/Kg	61

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB11 SS01 (A034)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	61
Bromoform	ND	ug/Kg	122
Isopropylbenzene	ND	ug/Kg	122
Bromobenzene	ND	ug/Kg	122
1,1,2,2-Tetrachloroethane	ND	ug/Kg	122
1,2,3-Trichloropropane	ND	ug/Kg	122
n-Propylbenzene	ND	ug/Kg	122
2-Chlorotoluene	ND	ug/Kg	122
4-Chlorotoluene	ND	ug/Kg	122
1,3,5-Trimethylbenzene	ND	ug/Kg	122
tert-Butylbenzene	ND	ug/Kg	122
1,2,4-Trimethylbenzene	ND	ug/Kg	122
sec-Butylbenzene	ND	ug/Kg	122
1,3-Dichlorobenzene	ND	ug/Kg	122
p-Isopropyltoluene	ND	ug/Kg	122
1,4-Dichlorobenzene	ND	ug/Kg	122
1,2-Dichlorobenzene	ND	ug/Kg	122
n-Butylbenzene	ND	ug/Kg	122
1,2-Dibromo-3-chloropropane	ND	ug/Kg	305
1,2,4-Trichlorobenzene	ND	ug/Kg	305
Hexachlorobutadiene	ND	ug/Kg	305
Naphthalene	ND	ug/Kg	305
1,2,3-Trichlorobenzene	ND	ug/Kg	305

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	41	50	82%
Toluene d8	51	50	102%
Bromofluorobenzene	48	50	96%

% Solids	82.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2127
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: **SB11 SS02 (A035)**
Matrix: Soil
Date Sampled: 30-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	278
Chloromethane	ND	ug/Kg	278
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	278
Trichlorofluoromenthane	ND	ug/Kg	278
Chloroethane	ND	ug/Kg	278
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	278
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
Mobile Laboratory Services
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Sample ID: SB11 SS02 (A035)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	278
1,2,4-Trichlorobenzene	ND	ug/Kg	278
Hexachlorobutadiene	ND	ug/Kg	278
Naphthalene	ND	ug/Kg	278
1,2,3-Trichlorobenzene	ND	ug/Kg	278

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	52	50	104%
Bromofluorobenzene	45	50	90%

% Solids	90.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2124
Analysis Date: 30-Sep-99
Preserv. Date: 30-Sep-99
Operator: GHP
Sample ID: **SB-10 SS02 (A032)**
Matrix: Soil
Date Sampled: 30-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	272
Chloromethane	ND	ug/Kg	272
Vinyl chloride	ND	ug/Kg	109
Bromomethane	ND	ug/Kg	272
Trichlorofluoromenthane	ND	ug/Kg	272
Chloroethane	ND	ug/Kg	272
1,1-Dichloroethene	ND	ug/Kg	54
Methylene chloride	ND	ug/Kg	272
trans-1,2-Dichloroethene	ND	ug/Kg	54
1,1-Dichloroethane	ND	ug/Kg	54
cis-1,2-Dichloroethene	190	ug/Kg	54
Bromochloromethane	ND	ug/Kg	109
Chloroform	ND	ug/Kg	54
1,1,1-Trichloroethane	ND	ug/Kg	54
Carbon tetrachloride	ND	ug/Kg	54
1,1-Dichloropropene	ND	ug/Kg	54
Benzene	ND	ug/Kg	54
1,2-Dichloroethane	ND	ug/Kg	54
Trichloroethene	ND	ug/Kg	54
1,2-Dichloropropane	ND	ug/Kg	54
Dibromomethane	ND	ug/Kg	109
Bromodichloromethane	ND	ug/Kg	109
cis-1,3-Dichloropropene	ND	ug/Kg	54
Toluene	ND	ug/Kg	54
trans-1,3-Dichloropropene	ND	ug/Kg	54
1,1,2-Trichloroethane	ND	ug/Kg	54
Tetrachloroethene	ND	ug/Kg	54
1,3-Dichloropropane	ND	ug/Kg	54
Dibromochloromethane	ND	ug/Kg	109
1,2-Dibromoethane	ND	ug/Kg	54
Chlorobenzene	ND	ug/Kg	54
1,1,1,2-Tetrachlorethane	ND	ug/Kg	109
Ethylbenzene	ND	ug/Kg	54
m & p-Xylene	ND	ug/Kg	109
o-Xylene	ND	ug/Kg	54

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Sample ID: SB-10 SS02 (A032)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	54
Bromoform	ND	ug/Kg	109
Isopropylbenzene	ND	ug/Kg	109
Bromobenzene	ND	ug/Kg	109
1,1,2,2-Tetrachloroethane	ND	ug/Kg	109
1,2,3-Trichloropropane	ND	ug/Kg	109
n-Propylbenzene	ND	ug/Kg	109
2-Chlorotoluene	ND	ug/Kg	109
4-Chlorotoluene	ND	ug/Kg	109
1,3,5-Trimethylbenzene	ND	ug/Kg	109
tert-Butylbenzene	ND	ug/Kg	109
1,2,4-Trimethylbenzene	ND	ug/Kg	109
sec-Butylbenzene	ND	ug/Kg	109
1,3-Dichlorobenzene	ND	ug/Kg	109
p-Isopropyltoluene	ND	ug/Kg	109
1,4-Dichlorobenzene	ND	ug/Kg	109
1,2-Dichlorobenzene	ND	ug/Kg	109
n-Butylbenzene	ND	ug/Kg	109
1,2-Dibromo-3-chloropropane	ND	ug/Kg	272
1,2,4-Trichlorobenzene	ND	ug/Kg	272
Hexachlorobutadiene	ND	ug/Kg	272
Naphthalene	ND	ug/Kg	272
1,2,3-Trichlorobenzene	ND	ug/Kg	272

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	38	50	76%
Toluene d8	47	50	94%
Bromofluorobenzene	43	50	86%

% Solids	92.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2077
Analysis Date: 29-Sep-99
Preserv. Date: NA
Operator: GHP
Sample ID: **METHOD BLANK**
Matrix: Soil
Date Sampled: 29-Sep-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	ND	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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Sample ID: METHOD BLANK

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	50	50	100%
1,2-Dichloroethane d4	40	50	80%
Toluene d8	54	50	108%
Bromofluorobenzene	47	50	94%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	5.00	gm
MeOH Volume	5	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2099
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: SB06 SS02 (A020) MS
Matrix: Soil
Date Sampled: NA
Method: 8260 5035

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	63	ug/Kg	50	126%
Chloromethane	60	ug/Kg	50	120%
Vinyl chloride	61	ug/Kg	50	122%
Bromomethane	76	ug/Kg	50	152%
Trichlorofluoromenthane	9	ug/Kg	50	18%
Chloroethane	61	ug/Kg	50	122%
1,1-Dichloroethene	51	ug/Kg	50	102%
Methylene chloride	45	ug/Kg	50	90%
trans-1,2-Dichloroethene	45	ug/Kg	50	90%
1,1-Dichloroethane	45	ug/Kg	50	90%
cis-1,2-Dichloroethene	58	ug/Kg	50	116%
Bromochloromethane	56	ug/Kg	50	112%
Chloroform	50	ug/Kg	50	100%
1,1,1-Trichloroethane	41	ug/Kg	50	82%
Carbon tetrachloride	42	ug/Kg	50	84%
1,1-Dichloropropene	41	ug/Kg	50	82%
Benzene	40	ug/Kg	50	80%
1,2-Dichloroethane	38	ug/Kg	50	76%
Trichloroethene	40	ug/Kg	50	80%
1,2-Dichloropropane	36	ug/Kg	50	72%
Dibromomethane	33	ug/Kg	50	66%
Bromodichloromethane	40	ug/Kg	50	80%
cis-1,3-Dichloropropene	37	ug/Kg	50	74%
Toluene	42	ug/Kg	50	84%
trans-1,3-Dichloropropene	34	ug/Kg	50	68%
1,1,2-Trichloroethane	32	ug/Kg	50	64%
Tetrachloroethene	45	ug/Kg	50	90%
1,3-Dichloropropane	34	ug/Kg	50	68%
Dibromochloromethane	34	ug/Kg	50	68%
1,2-Dibromoethane	32	ug/Kg	50	64%
Chlorobenzene	38	ug/Kg	50	76%
1,1,1,2-Tetrachlorethane	37	ug/Kg	50	74%
Ethylbenzene	41	ug/Kg	50	82%
m & p-Xylene	81	ug/Kg	100	81%
o-Xylene	39	ug/Kg	50	78%

Continued

New Age/Landmark
Mobile Laboratory Services
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Benton Harbor, MI 49002
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Sample ID: SB06 SS02 (A020) MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	37	ug/Kg	50	74%
Bromoform	27	ug/Kg	50	54%
Isopropylbenzene	39	ug/Kg	50	78%
Bromobenzene	37	ug/Kg	50	74%
1,1,2,2-Tetrachloroethane	24	ug/Kg	50	48%
1,2,3-Trichloropropane	25	ug/Kg	50	50%
n-Propylbenzene	38	ug/Kg	50	76%
2-Chlorotoluene	39	ug/Kg	50	78%
4-Chlorotoluene	44	ug/Kg	50	88%
1,3,5-Trimethylbenzene	40	ug/Kg	50	80%
tert-Butylbenzene	40	ug/Kg	50	80%
1,2,4-Trimethylbenzene	39	ug/Kg	50	78%
sec-Butylbenzene	38	ug/Kg	50	76%
1,3-Dichlorobenzene	38	ug/Kg	50	76%
p-Isopropyltoluene	40	ug/Kg	50	80%
1,4-Dichlorobenzene	38	ug/Kg	50	76%
1,2-Dichlorobenzene	35	ug/Kg	50	70%
n-Butylbenzene	39	ug/Kg	50	78%
1,2-Dibromo-3-chloropropane	20	ug/Kg	50	40%
1,2,4-Trichlorobenzene	36	ug/Kg	50	72%
Hexachlorobutadiene	42	ug/Kg	50	84%
Naphthalene	21	ug/Kg	50	42%
1,2,3-Trichlorobenzene	30	ug/Kg	50	60%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	41	ug/Kg	50	82%
1,2-Dichloroethane d4	40	ug/Kg	50	80%
Toluene d8	43	ug/Kg	50	86%
Bromofluorobenzene	39	ug/Kg	50	78%

% Solids	76.00%	
Dilution Factor	50	
Soil Weight Preserved	24.70	gm
MeOH Volume	25	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

ITGroup, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2100
Analysis Date: 29-Sep-99
Preserv. Date: 29-Sep-99
Operator: GHP
Sample ID: SB06 SS02 (A020) MSD
Matrix: Soil
Date Sampled: NA
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Dichlorofluoromethane	55	ug/Kg	50	110%	14%
Chloromethane	50	ug/Kg	50	100%	18%
Vinyl chloride	49	ug/Kg	50	98%	22%
Bromomethane	81	ug/Kg	50	162%	-6%
Trichlorofluoromenthane	55	ug/Kg	50	110%	-144%
Chloroethane	148	ug/Kg	50	296%	-83%
1,1-Dichloroethene	48	ug/Kg	50	96%	6%
Methylene chloride	52	ug/Kg	50	104%	-14%
trans-1,2-Dichloroethene	55	ug/Kg	50	110%	-20%
1,1-Dichloroethane	53	ug/Kg	50	106%	-16%
cis-1,2-Dichloroethene	67	ug/Kg	50	134%	-14%
Bromochloromethane	66	ug/Kg	50	132%	-16%
Chloroform	61	ug/Kg	50	122%	-20%
1,1,1-Trichloroethane	49	ug/Kg	50	98%	-18%
Carbon tetrachloride	52	ug/Kg	50	104%	-21%
1,1-Dichloropropene	49	ug/Kg	50	98%	-18%
Benzene	48	ug/Kg	50	96%	-18%
1,2-Dichloroethane	46	ug/Kg	50	92%	-19%
Trichloroethene	48	ug/Kg	50	96%	-18%
1,2-Dichloropropane	43	ug/Kg	50	86%	-18%
Dibromomethane	41	ug/Kg	50	82%	-22%
Bromodichloromethane	51	ug/Kg	50	102%	-24%
cis-1,3-Dichloropropene	45	ug/Kg	50	90%	-20%
Toluene	51	ug/Kg	50	102%	-19%
trans-1,3-Dichloropropene	37	ug/Kg	50	74%	-8%
1,1,2-Trichloroethane	42	ug/Kg	50	84%	-27%
Tetrachloroethene	53	ug/Kg	50	106%	-16%
1,3-Dichloropropane	43	ug/Kg	50	86%	-23%
Dibromochloromethane	44	ug/Kg	50	88%	-26%
1,2-Dibromoethane	42	ug/Kg	50	84%	-27%
Chlorobenzene	45	ug/Kg	50	90%	-17%
1,1,1,2-Tetrachlorethane	44	ug/Kg	50	88%	-17%
Ethylbenzene	48	ug/Kg	50	96%	-16%
m & p-Xylene	94	ug/Kg	100	94%	-15%
o-Xylene	46	ug/Kg	50	92%	-16%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB06 SS02 (A020) MSD

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Styrene	44	ug/Kg	50	88%	-17%
Bromoform	36	ug/Kg	50	72%	-29%
Isopropylbenzene	47	ug/Kg	50	94%	-19%
Bromobenzene	45	ug/Kg	50	90%	-20%
1,1,2,2-Tetrachloroethane	31	ug/Kg	50	62%	-25%
1,2,3-Trichloropropane	31	ug/Kg	50	62%	-21%
n-Propylbenzene	46	ug/Kg	50	92%	-19%
2-Chlorotoluene	45	ug/Kg	50	90%	-14%
4-Chlorotoluene	53	ug/Kg	50	106%	-19%
1,3,5-Trimethylbenzene	47	ug/Kg	50	94%	-16%
tert-Butylbenzene	47	ug/Kg	50	94%	-16%
1,2,4-Trimethylbenzene	46	ug/Kg	50	92%	-16%
sec-Butylbenzene	44	ug/Kg	50	88%	-15%
1,3-Dichlorobenzene	46	ug/Kg	50	92%	-19%
p-Isopropyltoluene	48	ug/Kg	50	96%	-18%
1,4-Dichlorobenzene	46	ug/Kg	50	92%	-19%
1,2-Dichlorobenzene	44	ug/Kg	50	88%	-23%
n-Butylbenzene	47	ug/Kg	50	94%	-19%
1,2-Dibromo-3-chloropropane	26	ug/Kg	50	52%	-26%
1,2,4-Trichlorobenzene	43	ug/Kg	50	86%	-18%
Hexachlorobutadiene	50	ug/Kg	50	100%	-17%
Naphthalene	27	ug/Kg	50	54%	-25%
1,2,3-Trichlorobenzene	35	ug/Kg	50	70%	-15%

Surrogates			Spike Amount	% Rec	% RSD
Dibromofluoromethane	49	ug/Kg	50	98%	18%
1,2-Dichloroethane d4	48	ug/Kg	50	96%	18%
Toluene d8	47	ug/Kg	50	94%	9%
Bromofluorobenzene	48	ug/Kg	50	96%	21%

% Solids	76.00%	
Dilution Factor	50	
Soil Weight Preserved	24.70	gm
MeOH Volume	25	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2144
Analysis Date: 4-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: FAAB-SB12-SS01 (A040) 50:1
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	308
Chloromethane	ND	ug/Kg	308
Vinyl chloride	ND	ug/Kg	123
Bromomethane	ND	ug/Kg	308
Trichlorofluoromenthane	ND	ug/Kg	308
Chloroethane	ND	ug/Kg	308
1,1-Dichloroethene	ND	ug/Kg	62
Methylene chloride	ND	ug/Kg	308
trans-1,2-Dichloroethene	ND	ug/Kg	62
1,1-Dichloroethane	ND	ug/Kg	62
cis-1,2-Dichloroethene	ND	ug/Kg	62
Bromochloromethane	ND	ug/Kg	123
Chloroform	ND	ug/Kg	62
1,1,1-Trichloroethane	ND	ug/Kg	62
Carbon tetrachloride	ND	ug/Kg	62
1,1-Dichloropropene	ND	ug/Kg	62
Benzene	ND	ug/Kg	62
1,2-Dichloroethane	ND	ug/Kg	62
Trichloroethene	ND	ug/Kg	62
1,2-Dichloropropane	ND	ug/Kg	62
Dibromomethane	ND	ug/Kg	123
Bromodichloromethane	ND	ug/Kg	123
cis-1,3-Dichloropropene	ND	ug/Kg	62
Toluene	ND	ug/Kg	62
trans-1,3-Dichloropropene	ND	ug/Kg	62
1,1,2-Trichloroethane	ND	ug/Kg	62
Tetrachloroethene	ND	ug/Kg	62
1,3-Dichloropropane	ND	ug/Kg	62
Dibromochloromethane	ND	ug/Kg	123
1,2-Dibromoethane	ND	ug/Kg	62
Chlorobenzene	ND	ug/Kg	62
1,1,1,2-Tetrachlorethane	ND	ug/Kg	123
Ethylbenzene	ND	ug/Kg	62
m & p-Xylene	ND	ug/Kg	123
o-Xylene	ND	ug/Kg	62

Continued

New Age/Landmark
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Sample ID: FAAB-SB12-SS01 (A040) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	62
Bromoform	ND	ug/Kg	123
Isopropylbenzene	ND	ug/Kg	123
Bromobenzene	ND	ug/Kg	123
1,1,2,2-Tetrachloroethane	ND	ug/Kg	123
1,2,3-Trichloropropane	ND	ug/Kg	123
n-Propylbenzene	ND	ug/Kg	123
2-Chlorotoluene	ND	ug/Kg	123
4-Chlorotoluene	ND	ug/Kg	123
1,3,5-Trimethylbenzene	ND	ug/Kg	123
tert-Butylbenzene	ND	ug/Kg	123
1,2,4-Trimethylbenzene	ND	ug/Kg	123
sec-Butylbenzene	ND	ug/Kg	123
1,3-Dichlorobenzene	ND	ug/Kg	123
p-Isopropyltoluene	ND	ug/Kg	123
1,4-Dichlorobenzene	ND	ug/Kg	123
1,2-Dichlorobenzene	ND	ug/Kg	123
n-Butylbenzene	ND	ug/Kg	123
1,2-Dibromo-3-chloropropane	ND	ug/Kg	308
1,2,4-Trichlorobenzene	ND	ug/Kg	308
Hexachlorobutadiene	ND	ug/Kg	308
Naphthalene	ND	ug/Kg	308
1,2,3-Trichlorobenzene	ND	ug/Kg	308

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	49	50	98%
Toluene d8	50	50	100%
Bromofluorobenzene	49	50	98%

% Solids	80.45%	
Dilution Factor	50	
Soil Weight Preserved	10.1	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2145
Analysis Date: 4-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: **FAAB-SB12-SS02 (A041) 50:1**
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	298
Chloromethane	ND	ug/Kg	298
Vinyl chloride	ND	ug/Kg	119
Bromomethane	ND	ug/Kg	298
Trichlorofluoromenthane	ND	ug/Kg	298
Chloroethane	ND	ug/Kg	298
1,1-Dichloroethene	ND	ug/Kg	60
Methylene chloride	ND	ug/Kg	298
trans-1,2-Dichloroethene	ND	ug/Kg	60
1,1-Dichloroethane	ND	ug/Kg	60
cis-1,2-Dichloroethene	ND	ug/Kg	60
Bromochloromethane	ND	ug/Kg	119
Chloroform	ND	ug/Kg	60
1,1,1-Trichloroethane	ND	ug/Kg	60
Carbon tetrachloride	ND	ug/Kg	60
1,1-Dichloropropene	ND	ug/Kg	60
Benzene	ND	ug/Kg	60
1,2-Dichloroethane	ND	ug/Kg	60
Trichloroethene	ND	ug/Kg	60
1,2-Dichloropropane	ND	ug/Kg	60
Dibromomethane	ND	ug/Kg	119
Bromodichloromethane	ND	ug/Kg	119
cis-1,3-Dichloropropene	ND	ug/Kg	60
Toluene	ND	ug/Kg	60
trans-1,3-Dichloropropene	ND	ug/Kg	60
1,1,2-Trichloroethane	ND	ug/Kg	60
Tetrachloroethene	ND	ug/Kg	60
1,3-Dichloropropane	ND	ug/Kg	60
Dibromochloromethane	ND	ug/Kg	119
1,2-Dibromoethane	ND	ug/Kg	60
Chlorobenzene	ND	ug/Kg	60
1,1,1,2-Tetrachlorethane	ND	ug/Kg	119
Ethylbenzene	ND	ug/Kg	60
m & p-Xylene	ND	ug/Kg	119
o-Xylene	ND	ug/Kg	60

Continued

New Age/Landmark
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Sample ID: FAAB-SB12-SS02 (A041) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	60
Bromoform	ND	ug/Kg	119
Isopropylbenzene	ND	ug/Kg	119
Bromobenzene	ND	ug/Kg	119
1,1,2,2-Tetrachloroethane	ND	ug/Kg	119
1,2,3-Trichloropropane	ND	ug/Kg	119
n-Propylbenzene	ND	ug/Kg	119
2-Chlorotoluene	ND	ug/Kg	119
4-Chlorotoluene	ND	ug/Kg	119
1,3,5-Trimethylbenzene	ND	ug/Kg	119
tert-Butylbenzene	ND	ug/Kg	119
1,2,4-Trimethylbenzene	ND	ug/Kg	119
sec-Butylbenzene	ND	ug/Kg	119
1,3-Dichlorobenzene	ND	ug/Kg	119
p-Isopropyltoluene	ND	ug/Kg	119
1,4-Dichlorobenzene	ND	ug/Kg	119
1,2-Dichlorobenzene	ND	ug/Kg	119
n-Butylbenzene	ND	ug/Kg	119
1,2-Dibromo-3-chloropropane	ND	ug/Kg	298
1,2,4-Trichlorobenzene	ND	ug/Kg	298
Hexachlorobutadiene	ND	ug/Kg	298
Naphthalene	ND	ug/Kg	298
1,2,3-Trichlorobenzene	ND	ug/Kg	298

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	49	50	98%
1,2-Dichloroethane d4	54	50	108%
Toluene d8	53	50	106%
Bromofluorobenzene	50	50	100%

% Solids	84.03%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2146
Analysis Date: 4-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: **FAAB-SB12-SS03 (A042) 50:1**
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	288
Chloromethane	ND	ug/Kg	288
Vinyl chloride	ND	ug/Kg	115
Bromomethane	ND	ug/Kg	288
Trichlorofluoromenthane	ND	ug/Kg	288
Chloroethane	ND	ug/Kg	288
1,1-Dichloroethene	ND	ug/Kg	58
Methylene chloride	ND	ug/Kg	288
trans-1,2-Dichloroethene	ND	ug/Kg	58
1,1-Dichloroethane	ND	ug/Kg	58
cis-1,2-Dichloroethene	ND	ug/Kg	58
Bromochloromethane	ND	ug/Kg	115
Chloroform	ND	ug/Kg	58
1,1,1-Trichloroethane	ND	ug/Kg	58
Carbon tetrachloride	ND	ug/Kg	58
1,1-Dichloropropene	ND	ug/Kg	58
Benzene	ND	ug/Kg	58
1,2-Dichloroethane	ND	ug/Kg	58
Trichloroethene	ND	ug/Kg	58
1,2-Dichloropropane	ND	ug/Kg	58
Dibromomethane	ND	ug/Kg	115
Bromodichloromethane	ND	ug/Kg	115
cis-1,3-Dichloropropene	ND	ug/Kg	58
Toluene	ND	ug/Kg	58
trans-1,3-Dichloropropene	ND	ug/Kg	58
1,1,2-Trichloroethane	ND	ug/Kg	58
Tetrachloroethene	ND	ug/Kg	58
1,3-Dichloropropane	ND	ug/Kg	58
Dibromochloromethane	ND	ug/Kg	115
1,2-Dibromoethane	ND	ug/Kg	58
Chlorobenzene	ND	ug/Kg	58
1,1,1,2-Tetrachlorethane	ND	ug/Kg	115
Ethylbenzene	ND	ug/Kg	58
m & p-Xylene	ND	ug/Kg	115
o-Xylene	ND	ug/Kg	58

Continued

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Sample ID: FAAB-SB12-SS03 (A042) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	58
Bromoform	ND	ug/Kg	115
Isopropylbenzene	ND	ug/Kg	115
Bromobenzene	ND	ug/Kg	115
1,1,2,2-Tetrachloroethane	ND	ug/Kg	115
1,2,3-Trichloropropane	ND	ug/Kg	115
n-Propylbenzene	ND	ug/Kg	115
2-Chlorotoluene	ND	ug/Kg	115
4-Chlorotoluene	ND	ug/Kg	115
1,3,5-Trimethylbenzene	ND	ug/Kg	115
tert-Butylbenzene	ND	ug/Kg	115
1,2,4-Trimethylbenzene	ND	ug/Kg	115
sec-Butylbenzene	ND	ug/Kg	115
1,3-Dichlorobenzene	ND	ug/Kg	115
p-Isopropyltoluene	ND	ug/Kg	115
1,4-Dichlorobenzene	ND	ug/Kg	115
1,2-Dichlorobenzene	ND	ug/Kg	115
n-Butylbenzene	ND	ug/Kg	115
1,2-Dibromo-3-chloropropane	ND	ug/Kg	288
1,2,4-Trichlorobenzene	ND	ug/Kg	288
Hexachlorobutadiene	ND	ug/Kg	288
Naphthalene	ND	ug/Kg	288
1,2,3-Trichlorobenzene	ND	ug/Kg	288

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	46	50	92%
1,2-Dichloroethane d4	54	50	108%
Toluene d8	57	50	114%
Bromofluorobenzene	50	50	100%

% Solids	86.76%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2148
Analysis Date: 4-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: FAAB-SB13-SS01 (A044) 50:1
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	272
Chloromethane	ND	ug/Kg	272
Vinyl chloride	ND	ug/Kg	109
Bromomethane	ND	ug/Kg	272
Trichlorofluoromenthane	ND	ug/Kg	272
Chloroethane	ND	ug/Kg	272
1,1-Dichloroethene	ND	ug/Kg	54
Methylene chloride	ND	ug/Kg	272
trans-1,2-Dichloroethene	ND	ug/Kg	54
1,1-Dichloroethane	ND	ug/Kg	54
cis-1,2-Dichloroethene	ND	ug/Kg	54
Bromochloromethane	ND	ug/Kg	109
Chloroform	ND	ug/Kg	54
1,1,1-Trichloroethane	ND	ug/Kg	54
Carbon tetrachloride	ND	ug/Kg	54
1,1-Dichloropropene	ND	ug/Kg	54
Benzene	ND	ug/Kg	54
1,2-Dichloroethane	ND	ug/Kg	54
Trichloroethene	ND	ug/Kg	54
1,2-Dichloropropane	ND	ug/Kg	54
Dibromomethane	ND	ug/Kg	109
Bromodichloromethane	ND	ug/Kg	109
cis-1,3-Dichloropropene	ND	ug/Kg	54
Toluene	ND	ug/Kg	54
trans-1,3-Dichloropropene	ND	ug/Kg	54
1,1,2-Trichloroethane	ND	ug/Kg	54
Tetrachloroethene	ND	ug/Kg	54
1,3-Dichloropropane	ND	ug/Kg	54
Dibromochloromethane	ND	ug/Kg	109
1,2-Dibromoethane	ND	ug/Kg	54
Chlorobenzene	ND	ug/Kg	54
1,1,1,2-Tetrachlorethane	ND	ug/Kg	109
Ethylbenzene	ND	ug/Kg	54
m & p-Xylene	ND	ug/Kg	109
o-Xylene	ND	ug/Kg	54

Continued

New Age/Landmark
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Sample ID: FAAB-SB13-SS01 (A044) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	54
Bromoform	ND	ug/Kg	109
Isopropylbenzene	ND	ug/Kg	109
Bromobenzene	ND	ug/Kg	109
1,1,2,2-Tetrachloroethane	ND	ug/Kg	109
1,2,3-Trichloropropane	ND	ug/Kg	109
n-Propylbenzene	ND	ug/Kg	109
2-Chlorotoluene	ND	ug/Kg	109
4-Chlorotoluene	ND	ug/Kg	109
1,3,5-Trimethylbenzene	ND	ug/Kg	109
tert-Butylbenzene	ND	ug/Kg	109
1,2,4-Trimethylbenzene	ND	ug/Kg	109
sec-Butylbenzene	ND	ug/Kg	109
1,3-Dichlorobenzene	ND	ug/Kg	109
p-Isopropyltoluene	ND	ug/Kg	109
1,4-Dichlorobenzene	ND	ug/Kg	109
1,2-Dichlorobenzene	ND	ug/Kg	109
n-Butylbenzene	ND	ug/Kg	109
1,2-Dibromo-3-chloropropane	ND	ug/Kg	272
1,2,4-Trichlorobenzene	ND	ug/Kg	272
Hexachlorobutadiene	ND	ug/Kg	272
Naphthalene	ND	ug/Kg	272
1,2,3-Trichlorobenzene	ND	ug/Kg	272

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	46	50	92%
1,2-Dichloroethane d4	50	50	100%
Toluene d8	52	50	104%
Bromofluorobenzene	50	50	100%

% Solids	91.80%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2157
Analysis Date: 5-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: WP-S11-SS02-MW07 (A038) 100:1 RE
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	604
Chloromethane	ND	ug/Kg	604
Vinyl chloride	ND	ug/Kg	242
Bromomethane	ND	ug/Kg	604
Trichlorofluoromenthane	ND	ug/Kg	604
Chloroethane	ND	ug/Kg	604
1,1-Dichloroethene	ND	ug/Kg	121
Methylene chloride	ND	ug/Kg	604
trans-1,2-Dichloroethene	300	ug/Kg	121
1,1-Dichloroethane	ND	ug/Kg	121
cis-1,2-Dichloroethene	2900	ug/Kg	121
Bromochloromethane	ND	ug/Kg	242
Chloroform	ND	ug/Kg	121
1,1,1-Trichloroethane	ND	ug/Kg	121
Carbon tetrachloride	ND	ug/Kg	121
1,1-Dichloropropene	ND	ug/Kg	121
Benzene	ND	ug/Kg	121
1,2-Dichloroethane	ND	ug/Kg	121
Trichloroethene	8400	ug/Kg	121
1,2-Dichloropropane	ND	ug/Kg	121
Dibromomethane	ND	ug/Kg	242
Bromodichloromethane	ND	ug/Kg	242
cis-1,3-Dichloropropene	ND	ug/Kg	121
Toluene	ND	ug/Kg	121
trans-1,3-Dichloropropene	ND	ug/Kg	121
1,1,2-Trichloroethane	ND	ug/Kg	121
Tetrachloroethene	ND	ug/Kg	121
1,3-Dichloropropane	ND	ug/Kg	121
Dibromochloromethane	ND	ug/Kg	242
1,2-Dibromoethane	ND	ug/Kg	121
Chlorobenzene	ND	ug/Kg	121
1,1,1,2-Tetrachlorethane	ND	ug/Kg	242
Ethylbenzene	ND	ug/Kg	121
m & p-Xylene	ND	ug/Kg	242
o-Xylene	ND	ug/Kg	121

Continued

New Age/Landmark
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667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-S11-SS02-MW07 (A038) 100:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	121
Bromoform	ND	ug/Kg	242
Isopropylbenzene	ND	ug/Kg	242
Bromobenzene	ND	ug/Kg	242
1,1,2,2-Tetrachloroethane	ND	ug/Kg	242
1,2,3-Trichloropropane	ND	ug/Kg	242
n-Propylbenzene	ND	ug/Kg	242
2-Chlorotoluene	ND	ug/Kg	242
4-Chlorotoluene	ND	ug/Kg	242
1,3,5-Trimethylbenzene	ND	ug/Kg	242
tert-Butylbenzene	ND	ug/Kg	242
1,2,4-Trimethylbenzene	ND	ug/Kg	242
sec-Butylbenzene	ND	ug/Kg	242
1,3-Dichlorobenzene	ND	ug/Kg	242
p-Isopropyltoluene	ND	ug/Kg	242
1,4-Dichlorobenzene	ND	ug/Kg	242
1,2-Dichlorobenzene	ND	ug/Kg	242
n-Butylbenzene	ND	ug/Kg	242
1,2-Dibromo-3-chloropropane	ND	ug/Kg	604
1,2,4-Trichlorobenzene	ND	ug/Kg	604
Hexachlorobutadiene	ND	ug/Kg	604
Naphthalene	ND	ug/Kg	604
1,2,3-Trichlorobenzene	ND	ug/Kg	604

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	40	50	80%
1,2-Dichloroethane d4	38	50	76%
Toluene d8	42	50	84%
Bromofluorobenzene	38	50	76%

% Solids	82.81%	
Dilution Factor	100	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2156
Analysis Date: 5-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: **WP-S11-SS01-MW07 (A037) 200:1 RE**
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	1170
Chloromethane	ND	ug/Kg	1170
Vinyl chloride	ND	ug/Kg	468
Bromomethane	ND	ug/Kg	1170
Trichlorofluoromenthane	ND	ug/Kg	1170
Chloroethane	ND	ug/Kg	1170
1,1-Dichloroethene	ND	ug/Kg	234
Methylene chloride	ND	ug/Kg	1170
trans-1,2-Dichloroethene	ND	ug/Kg	234
1,1-Dichloroethane	ND	ug/Kg	234
cis-1,2-Dichloroethene	4100	ug/Kg	234
Bromochloromethane	ND	ug/Kg	468
Chloroform	ND	ug/Kg	234
1,1,1-Trichloroethane	ND	ug/Kg	234
Carbon tetrachloride	ND	ug/Kg	234
1,1-Dichloropropene	ND	ug/Kg	234
Benzene	ND	ug/Kg	234
1,2-Dichloroethane	ND	ug/Kg	234
Trichloroethene	33000	ug/Kg	234
1,2-Dichloropropane	ND	ug/Kg	234
Dibromomethane	ND	ug/Kg	468
Bromodichloromethane	ND	ug/Kg	468
cis-1,3-Dichloropropene	ND	ug/Kg	234
Toluene	ND	ug/Kg	234
trans-1,3-Dichloropropene	ND	ug/Kg	234
1,1,2-Trichloroethane	ND	ug/Kg	234
Tetrachloroethene	ND	ug/Kg	234
1,3-Dichloropropane	ND	ug/Kg	234
Dibromochloromethane	ND	ug/Kg	468
1,2-Dibromoethane	ND	ug/Kg	234
Chlorobenzene	ND	ug/Kg	234
1,1,1,2-Tetrachlorethane	ND	ug/Kg	468
Ethylbenzene	ND	ug/Kg	234
m & p-Xylene	ND	ug/Kg	468
o-Xylene	ND	ug/Kg	234

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-S11-SS01-MW07 (A037) 200:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	234
Bromoform	ND	ug/Kg	468
Isopropylbenzene	ND	ug/Kg	468
Bromobenzene	ND	ug/Kg	468
1,1,2,2-Tetrachloroethane	ND	ug/Kg	468
1,2,3-Trichloropropane	ND	ug/Kg	468
n-Propylbenzene	ND	ug/Kg	468
2-Chlorotoluene	ND	ug/Kg	468
4-Chlorotoluene	ND	ug/Kg	468
1,3,5-Trimethylbenzene	ND	ug/Kg	468
tert-Butylbenzene	ND	ug/Kg	468
1,2,4-Trimethylbenzene	ND	ug/Kg	468
sec-Butylbenzene	ND	ug/Kg	468
1,3-Dichlorobenzene	ND	ug/Kg	468
p-Isopropyltoluene	ND	ug/Kg	468
1,4-Dichlorobenzene	ND	ug/Kg	468
1,2-Dichlorobenzene	ND	ug/Kg	468
n-Butylbenzene	ND	ug/Kg	468
1,2-Dibromo-3-chloropropane	ND	ug/Kg	1170
1,2,4-Trichlorobenzene	ND	ug/Kg	1170
Hexachlorobutadiene	ND	ug/Kg	1170
Naphthalene	ND	ug/Kg	1170
1,2,3-Trichlorobenzene	ND	ug/Kg	1170

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	46	50	92%
1,2-Dichloroethane d4	45	50	90%
Toluene d8	51	50	102%
Bromofluorobenzene	43	50	86%

% Solids	83.78%	
Dilution Factor	200	
Soil Weight Preserved	10.2	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

ITGroup, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2149
Analysis Date: 4-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: **WP-S11-SS01-MW07 (A037) 5000:1**
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	29840
Chloromethane	ND	ug/Kg	29840
Vinyl chloride	ND	ug/Kg	11936
Bromomethane	ND	ug/Kg	29840
Trichlorofluoromenthane	ND	ug/Kg	29840
Chloroethane	ND	ug/Kg	29840
1,1-Dichloroethene	ND	ug/Kg	5968
Methylene chloride	ND	ug/Kg	29840
trans-1,2-Dichloroethene	ND	ug/Kg	5968
1,1-Dichloroethane	ND	ug/Kg	5968
cis-1,2-Dichloroethene	ND	ug/Kg	5968
Bromochloromethane	ND	ug/Kg	11936
Chloroform	ND	ug/Kg	5968
1,1,1-Trichloroethane	ND	ug/Kg	5968
Carbon tetrachloride	ND	ug/Kg	5968
1,1-Dichloropropene	ND	ug/Kg	5968
Benzene	ND	ug/Kg	5968
1,2-Dichloroethane	ND	ug/Kg	5968
Trichloroethene	17000 X	ug/Kg	5968
1,2-Dichloropropane	ND	ug/Kg	5968
Dibromomethane	ND	ug/Kg	11936
Bromodichloromethane	ND	ug/Kg	11936
cis-1,3-Dichloropropene	ND	ug/Kg	5968
Toluene	ND	ug/Kg	5968
trans-1,3-Dichloropropene	ND	ug/Kg	5968
1,1,2-Trichloroethane	ND	ug/Kg	5968
Tetrachloroethene	ND	ug/Kg	5968
1,3-Dichloropropane	ND	ug/Kg	5968
Dibromochloromethane	ND	ug/Kg	11936
1,2-Dibromoethane	ND	ug/Kg	5968
Chlorobenzene	ND	ug/Kg	5968
1,1,1,2-Tetrachlorethane	ND	ug/Kg	11936
Ethylbenzene	ND	ug/Kg	5968
m & p-Xylene	ND	ug/Kg	11936
o-Xylene	ND	ug/Kg	5968

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-S11-SS01-MW07 (A037) 5000:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	5968
Bromoform	ND	ug/Kg	11936
Isopropylbenzene	ND	ug/Kg	11936
Bromobenzene	ND	ug/Kg	11936
1,1,2,2-Tetrachloroethane	ND	ug/Kg	11936
1,2,3-Trichloropropane	ND	ug/Kg	11936
n-Propylbenzene	ND	ug/Kg	11936
2-Chlorotoluene	ND	ug/Kg	11936
4-Chlorotoluene	ND	ug/Kg	11936
1,3,5-Trimethylbenzene	ND	ug/Kg	11936
tert-Butylbenzene	ND	ug/Kg	11936
1,2,4-Trimethylbenzene	ND	ug/Kg	11936
sec-Butylbenzene	ND	ug/Kg	11936
1,3-Dichlorobenzene	ND	ug/Kg	11936
p-Isopropyltoluene	ND	ug/Kg	11936
1,4-Dichlorobenzene	ND	ug/Kg	11936
1,2-Dichlorobenzene	ND	ug/Kg	11936
n-Butylbenzene	ND	ug/Kg	11936
1,2-Dibromo-3-chloropropane	ND	ug/Kg	29840
1,2,4-Trichlorobenzene	ND	ug/Kg	29840
Hexachlorobutadiene	ND	ug/Kg	29840
Naphthalene	ND	ug/Kg	29840
1,2,3-Trichlorobenzene	ND	ug/Kg	29840

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	32	50	64%
1,2-Dichloroethane d4	53	50	106%
Toluene d8	78	50	156%
Bromofluorobenzene	50	50	100%

% Solids	83.78%	
Dilution Factor	5000	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2150
Analysis Date: 4-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: WP-S11-SS02-MW07 (A038) 5000:1
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	30190
Chloromethane	ND	ug/Kg	30190
Vinyl chloride	ND	ug/Kg	12076
Bromomethane	ND	ug/Kg	30190
Trichlorofluoromenthane	ND	ug/Kg	30190
Chloroethane	ND	ug/Kg	30190
1,1-Dichloroethene	ND	ug/Kg	6038
Methylene chloride	ND	ug/Kg	30190
trans-1,2-Dichloroethene	ND	ug/Kg	6038
1,1-Dichloroethane	ND	ug/Kg	6038
cis-1,2-Dichloroethene	ND	ug/Kg	6038
Bromochloromethane	ND	ug/Kg	12076
Chloroform	ND	ug/Kg	6038
1,1,1-Trichloroethane	ND	ug/Kg	6038
Carbon tetrachloride	ND	ug/Kg	6038
1,1-Dichloropropene	ND	ug/Kg	6038
Benzene	ND	ug/Kg	6038
1,2-Dichloroethane	ND	ug/Kg	6038
Trichloroethene	6400	ug/Kg	6038
1,2-Dichloropropane	ND	ug/Kg	6038
Dibromomethane	ND	ug/Kg	12076
Bromodichloromethane	ND	ug/Kg	12076
cis-1,3-Dichloropropene	ND	ug/Kg	6038
Toluene	ND	ug/Kg	6038
trans-1,3-Dichloropropene	ND	ug/Kg	6038
1,1,2-Trichloroethane	ND	ug/Kg	6038
Tetrachloroethene	ND	ug/Kg	6038
1,3-Dichloropropane	ND	ug/Kg	6038
Dibromochloromethane	ND	ug/Kg	12076
1,2-Dibromoethane	ND	ug/Kg	6038
Chlorobenzene	ND	ug/Kg	6038
1,1,1,2-Tetrachlorethane	ND	ug/Kg	12076
Ethylbenzene	ND	ug/Kg	6038
m & p-Xylene	ND	ug/Kg	12076
o-Xylene	ND	ug/Kg	6038

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-S11-SS02-MW07 (A038) 5000:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	6038
Bromoform	ND	ug/Kg	12076
Isopropylbenzene	ND	ug/Kg	12076
Bromobenzene	ND	ug/Kg	12076
1,1,2,2-Tetrachloroethane	ND	ug/Kg	12076
1,2,3-Trichloropropane	ND	ug/Kg	12076
n-Propylbenzene	ND	ug/Kg	12076
2-Chlorotoluene	ND	ug/Kg	12076
4-Chlorotoluene	ND	ug/Kg	12076
1,3,5-Trimethylbenzene	ND	ug/Kg	12076
tert-Butylbenzene	ND	ug/Kg	12076
1,2,4-Trimethylbenzene	ND	ug/Kg	12076
sec-Butylbenzene	ND	ug/Kg	12076
1,3-Dichlorobenzene	ND	ug/Kg	12076
p-Isopropyltoluene	ND	ug/Kg	12076
1,4-Dichlorobenzene	ND	ug/Kg	12076
1,2-Dichlorobenzene	ND	ug/Kg	12076
n-Butylbenzene	ND	ug/Kg	12076
1,2-Dibromo-3-chloropropane	ND	ug/Kg	30190
1,2,4-Trichlorobenzene	ND	ug/Kg	30190
Hexachlorobutadiene	ND	ug/Kg	30190
Naphthalene	ND	ug/Kg	30190
1,2,3-Trichlorobenzene	ND	ug/Kg	30190

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	51	50	102%
1,2-Dichloroethane d4	56	50	112%
Toluene d8	58	50	116%
Bromofluorobenzene	51	50	102%

% Solids	82.81%	
Dilution Factor	5000	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2159
Analysis Date: 5-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: FAAB-SB13-SS02 (A045) 50:1
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	302
Chloromethane	ND	ug/Kg	302
Vinyl chloride	ND	ug/Kg	121
Bromomethane	ND	ug/Kg	302
Trichlorofluoromenthane	ND	ug/Kg	302
Chloroethane	ND	ug/Kg	302
1,1-Dichloroethene	ND	ug/Kg	60
Methylene chloride	ND	ug/Kg	302
trans-1,2-Dichloroethene	ND	ug/Kg	60
1,1-Dichloroethane	ND	ug/Kg	60
cis-1,2-Dichloroethene	ND	ug/Kg	60
Bromochloromethane	ND	ug/Kg	121
Chloroform	ND	ug/Kg	60
1,1,1-Trichloroethane	ND	ug/Kg	60
Carbon tetrachloride	ND	ug/Kg	60
1,1-Dichloropropene	ND	ug/Kg	60
Benzene	ND	ug/Kg	60
1,2-Dichloroethane	ND	ug/Kg	60
Trichloroethene	ND	ug/Kg	60
1,2-Dichloropropane	ND	ug/Kg	60
Dibromomethane	ND	ug/Kg	121
Bromodichloromethane	ND	ug/Kg	121
cis-1,3-Dichloropropene	ND	ug/Kg	60
Toluene	ND	ug/Kg	60
trans-1,3-Dichloropropene	ND	ug/Kg	60
1,1,2-Trichloroethane	ND	ug/Kg	60
Tetrachloroethene	ND	ug/Kg	60
1,3-Dichloropropane	ND	ug/Kg	60
Dibromochloromethane	ND	ug/Kg	121
1,2-Dibromoethane	ND	ug/Kg	60
Chlorobenzene	ND	ug/Kg	60
1,1,1,2-Tetrachlorethane	ND	ug/Kg	121
Ethylbenzene	ND	ug/Kg	60
m & p-Xylene	ND	ug/Kg	121
o-Xylene	ND	ug/Kg	60

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB-SB13-SS02 (A045) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	60
Bromoform	ND	ug/Kg	121
Isopropylbenzene	ND	ug/Kg	121
Bromobenzene	ND	ug/Kg	121
1,1,2,2-Tetrachloroethane	ND	ug/Kg	121
1,2,3-Trichloropropane	ND	ug/Kg	121
n-Propylbenzene	ND	ug/Kg	121
2-Chlorotoluene	ND	ug/Kg	121
4-Chlorotoluene	ND	ug/Kg	121
1,3,5-Trimethylbenzene	ND	ug/Kg	121
tert-Butylbenzene	ND	ug/Kg	121
1,2,4-Trimethylbenzene	ND	ug/Kg	121
sec-Butylbenzene	ND	ug/Kg	121
1,3-Dichlorobenzene	ND	ug/Kg	121
p-Isopropyltoluene	ND	ug/Kg	121
1,4-Dichlorobenzene	ND	ug/Kg	121
1,2-Dichlorobenzene	ND	ug/Kg	121
n-Butylbenzene	ND	ug/Kg	121
1,2-Dibromo-3-chloropropane	ND	ug/Kg	302
1,2,4-Trichlorobenzene	ND	ug/Kg	302
Hexachlorobutadiene	ND	ug/Kg	302
Naphthalene	ND	ug/Kg	302
1,2,3-Trichlorobenzene	ND	ug/Kg	302

Surrogates			Spike Amount	%Rec
Dibromofluoromethane	.48		50	96%
1,2-Dichloroethane d4	48		50	96%
Toluene d8	.52		50	104%
Bromofluorobenzene	.47		50	94%

% Solids	82.75%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2160
Analysis Date: 5-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: **FAAB-SB13-SS03 (A046) 50:1**
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	301
Chloromethane	ND	ug/Kg	301
Vinyl chloride	ND	ug/Kg	120
Bromomethane	ND	ug/Kg	301
Trichlorofluoromenthane	ND	ug/Kg	301
Chloroethane	ND	ug/Kg	301
1,1-Dichloroethene	ND	ug/Kg	60
Methylene chloride	ND	ug/Kg	301
trans-1,2-Dichloroethene	ND	ug/Kg	60
1,1-Dichloroethane	ND	ug/Kg	60
cis-1,2-Dichloroethene	ND	ug/Kg	60
Bromochloromethane	ND	ug/Kg	120
Chloroform	ND	ug/Kg	60
1,1,1-Trichloroethane	ND	ug/Kg	60
Carbon tetrachloride	ND	ug/Kg	60
1,1-Dichloropropene	ND	ug/Kg	60
Benzene	ND	ug/Kg	60
1,2-Dichloroethane	ND	ug/Kg	60
Trichloroethene	ND	ug/Kg	60
1,2-Dichloropropane	ND	ug/Kg	60
Dibromomethane	ND	ug/Kg	120
Bromodichloromethane	ND	ug/Kg	120
cis-1,3-Dichloropropene	ND	ug/Kg	60
Toluene	ND	ug/Kg	60
trans-1,3-Dichloropropene	ND	ug/Kg	60
1,1,2-Trichloroethane	ND	ug/Kg	60
Tetrachloroethene	ND	ug/Kg	60
1,3-Dichloropropane	ND	ug/Kg	60
Dibromochloromethane	ND	ug/Kg	120
1,2-Dibromoethane	ND	ug/Kg	60
Chlorobenzene	ND	ug/Kg	60
1,1,1,2-Tetrachlorethane	ND	ug/Kg	120
Ethylbenzene	ND	ug/Kg	60
m & p-Xylene	ND	ug/Kg	120
o-Xylene	ND	ug/Kg	60

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB-SB13-SS03 (A046) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	60
Bromoform	ND	ug/Kg	120
Isopropylbenzene	ND	ug/Kg	120
Bromobenzene	ND	ug/Kg	120
1,1,2,2-Tetrachloroethane	ND	ug/Kg	120
1,2,3-Trichloropropane	ND	ug/Kg	120
n-Propylbenzene	ND	ug/Kg	120
2-Chlorotoluene	ND	ug/Kg	120
4-Chlorotoluene	ND	ug/Kg	120
1,3,5-Trimethylbenzene	ND	ug/Kg	120
tert-Butylbenzene	ND	ug/Kg	120
1,2,4-Trimethylbenzene	ND	ug/Kg	120
sec-Butylbenzene	ND	ug/Kg	120
1,3-Dichlorobenzene	ND	ug/Kg	120
p-Isopropyltoluene	ND	ug/Kg	120
1,4-Dichlorobenzene	ND	ug/Kg	120
1,2-Dichlorobenzene	ND	ug/Kg	120
n-Butylbenzene	ND	ug/Kg	120
1,2-Dibromo-3-chloropropane	ND	ug/Kg	301
1,2,4-Trichlorobenzene	ND	ug/Kg	301
Hexachlorobutadiene	ND	ug/Kg	301
Naphthalene	ND	ug/Kg	301
1,2,3-Trichlorobenzene	ND	ug/Kg	301

Surrogates			Spike Amount	%Rec
Dibromofluoromethane	49		50	98%
1,2-Dichloroethane d4	52		50	104%
Toluene d8	51		50	102%
Bromofluorobenzene	48		50	96%

% Solids	83.08%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2161
Analysis Date: 5-Oct-99
Preserv. Date: 4-Oct-99
Operator: JMK
Sample ID: **FAAB-SB13-SS04 (A047) 50:1**
Matrix: Soil
Date Sampled: 4-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	278
Chloromethane	ND	ug/Kg	278
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	278
Trichlorofluoromenthane	ND	ug/Kg	278
Chloroethane	ND	ug/Kg	278
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	278
trans-1,2-Dichloroethene	73	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	270	ug/Kg	56
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	1800	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB-SB13-SS04 (A047) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	278
1,2,4-Trichlorobenzene	ND	ug/Kg	278
Hexachlorobutadiene	ND	ug/Kg	278
Naphthalene	ND	ug/Kg	278
1,2,3-Trichlorobenzene	ND	ug/Kg	278

Surrogates			Spike Amount	%Rec
Dibromofluoromethane	48		50	96%
1,2-Dichloroethane d4	49		50	98%
Toluene d8	50		50	100%
Bromofluorobenzene	49		50	98%

% Solids	90.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2167
Analysis Date: 5-Oct-99
Preserv. Date: 5-Oct-99
Operator: JMK
Sample ID: **FAAB-SB14-SS01 (A053) 50:1**
Matrix: Soil
Date Sampled: 5-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	286
Chloromethane	ND	ug/Kg	286
Vinyl chloride	ND	ug/Kg	114
Bromomethane	ND	ug/Kg	286
Trichlorofluoromenthane	ND	ug/Kg	286
Chloroethane	ND	ug/Kg	286
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	286
trans-1,2-Dichloroethene	ND	ug/Kg	57
1,1-Dichloroethane	ND	ug/Kg	57
cis-1,2-Dichloroethene	ND	ug/Kg	57
Bromochloromethane	ND	ug/Kg	114
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	ND	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	114
Bromodichloromethane	ND	ug/Kg	114
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	114
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	114
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	114
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Sample ID: FAAB-SB14-SS01 (A053) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	114
Isopropylbenzene	ND	ug/Kg	114
Bromobenzene	ND	ug/Kg	114
1,1,2,2-Tetrachloroethane	ND	ug/Kg	114
1,2,3-Trichloropropane	ND	ug/Kg	114
n-Propylbenzene	ND	ug/Kg	114
2-Chlorotoluene	ND	ug/Kg	114
4-Chlorotoluene	ND	ug/Kg	114
1,3,5-Trimethylbenzene	ND	ug/Kg	114
tert-Butylbenzene	ND	ug/Kg	114
1,2,4-Trimethylbenzene	ND	ug/Kg	114
sec-Butylbenzene	ND	ug/Kg	114
1,3-Dichlorobenzene	ND	ug/Kg	114
p-Isopropyltoluene	ND	ug/Kg	114
1,4-Dichlorobenzene	ND	ug/Kg	114
1,2-Dichlorobenzene	ND	ug/Kg	114
n-Butylbenzene	ND	ug/Kg	114
1,2-Dibromo-3-chloropropane	ND	ug/Kg	286
1,2,4-Trichlorobenzene	ND	ug/Kg	286
Hexachlorobutadiene	ND	ug/Kg	286
Naphthalene	ND	ug/Kg	286
1,2,3-Trichlorobenzene	ND	ug/Kg	286

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	48	50	96%
Toluene d8	48	50	96%
Bromofluorobenzene	47	50	94%

% Solids	87.41%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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ITGroup, Inc.
1499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2168
Analysis Date: 5-Oct-99
Preserv. Date: 5-Oct-99
Operator: JMK
Sample ID: FAAB-SB14-SS02 (A054) 50:1
Matrix: Soil
Date Sampled: 5-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	291
Chloromethane	ND	ug/Kg	291
Vinyl chloride	ND	ug/Kg	116
Bromomethane	ND	ug/Kg	291
Trichlorofluoromenthane	ND	ug/Kg	291
Chloroethane	ND	ug/Kg	291
1,1-Dichloroethene	ND	ug/Kg	58
Methylene chloride	ND	ug/Kg	291
trans-1,2-Dichloroethene	ND	ug/Kg	58
1,1-Dichloroethane	ND	ug/Kg	58
cis-1,2-Dichloroethene	ND	ug/Kg	58
Bromochloromethane	ND	ug/Kg	116
Chloroform	ND	ug/Kg	58
1,1,1-Trichloroethane	ND	ug/Kg	58
Carbon tetrachloride	ND	ug/Kg	58
1,1-Dichloropropene	ND	ug/Kg	58
Benzene	ND	ug/Kg	58
1,2-Dichloroethane	ND	ug/Kg	58
Trichloroethene	ND	ug/Kg	58
1,2-Dichloropropane	ND	ug/Kg	58
Dibromomethane	ND	ug/Kg	116
Bromodichloromethane	ND	ug/Kg	116
cis-1,3-Dichloropropene	ND	ug/Kg	58
Toluene	ND	ug/Kg	58
trans-1,3-Dichloropropene	ND	ug/Kg	58
1,1,2-Trichloroethane	ND	ug/Kg	58
Tetrachloroethene	ND	ug/Kg	58
1,3-Dichloropropane	ND	ug/Kg	58
Dibromochloromethane	ND	ug/Kg	116
1,2-Dibromoethane	ND	ug/Kg	58
Chlorobenzene	ND	ug/Kg	58
1,1,1,2-Tetrachlorethane	ND	ug/Kg	116
Ethylbenzene	ND	ug/Kg	58
m & p-Xylene	ND	ug/Kg	116
o-Xylene	ND	ug/Kg	58

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB-SB14-SS02 (A054) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	58
Bromoform	ND	ug/Kg	116
Isopropylbenzene	ND	ug/Kg	116
Bromobenzene	ND	ug/Kg	116
1,1,2,2-Tetrachloroethane	ND	ug/Kg	116
1,2,3-Trichloropropane	ND	ug/Kg	116
n-Propylbenzene	ND	ug/Kg	116
2-Chlorotoluene	ND	ug/Kg	116
4-Chlorotoluene	ND	ug/Kg	116
1,3,5-Trimethylbenzene	ND	ug/Kg	116
tert-Butylbenzene	ND	ug/Kg	116
1,2,4-Trimethylbenzene	ND	ug/Kg	116
sec-Butylbenzene	ND	ug/Kg	116
1,3-Dichlorobenzene	ND	ug/Kg	116
p-Isopropyltoluene	ND	ug/Kg	116
1,4-Dichlorobenzene	ND	ug/Kg	116
1,2-Dichlorobenzene	ND	ug/Kg	116
n-Butylbenzene	ND	ug/Kg	116
1,2-Dibromo-3-chloropropane	ND	ug/Kg	291
1,2,4-Trichlorobenzene	ND	ug/Kg	291
Hexachlorobutadiene	ND	ug/Kg	291
Naphthalene	ND	ug/Kg	291
1,2,3-Trichlorobenzene	ND	ug/Kg	291

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	50	50	100%
1,2-Dichloroethane d4	54	50	108%
Toluene d8	50	50	100%
Bromofluorobenzene	49	50	98%

% Solids	85.96%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2169
Analysis Date: 5-Oct-99
Preserv. Date: 5-Oct-99
Operator: JMK
Sample ID: FAAB-SB14-SS03 (A055) 50:1
Matrix: Soil
Date Sampled: 5-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	278
Chloromethane	ND	ug/Kg	278
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	278
Trichlorofluoromenthane	ND	ug/Kg	278
Chloroethane	ND	ug/Kg	278
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	278
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
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Sample ID: FAAB-SB14-SS03 (A055) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	278
1,2,4-Trichlorobenzene	ND	ug/Kg	278
Hexachlorobutadiene	ND	ug/Kg	278
Naphthalene	ND	ug/Kg	278
1,2,3-Trichlorobenzene	ND	ug/Kg	278

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	49	50	98%
1,2-Dichloroethane d4	50	50	100%
Toluene d8	52	50	104%
Bromofluorobenzene	46	50	92%

% Solids	90.07%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2170
Analysis Date: 5-Oct-99
Preserv. Date: 5-Oct-99
Operator: JMK
Sample ID: WP-SP11-MW08-SS01 (A056) 50:1
Matrix: Soil
Date Sampled: 5-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	259
Chloromethane	ND	ug/Kg	259
Vinyl chloride	ND	ug/Kg	103
Bromomethane	ND	ug/Kg	259
Trichlorofluoromenthane	ND	ug/Kg	259
Chloroethane	ND	ug/Kg	259
1,1-Dichloroethene	ND	ug/Kg	52
Methylene chloride	ND	ug/Kg	259
trans-1,2-Dichloroethene	ND	ug/Kg	52
1,1-Dichloroethane	ND	ug/Kg	52
cis-1,2-Dichloroethene	ND	ug/Kg	52
Bromochloromethane	ND	ug/Kg	103
Chloroform	ND	ug/Kg	52
1,1,1-Trichloroethane	ND	ug/Kg	52
Carbon tetrachloride	ND	ug/Kg	52
1,1-Dichloropropene	ND	ug/Kg	52
Benzene	ND	ug/Kg	52
1,2-Dichloroethane	ND	ug/Kg	52
Trichloroethene	ND	ug/Kg	52
1,2-Dichloropropane	ND	ug/Kg	52
Dibromomethane	ND	ug/Kg	103
Bromodichloromethane	ND	ug/Kg	103
cis-1,3-Dichloropropene	ND	ug/Kg	52
Toluene	ND	ug/Kg	52
trans-1,3-Dichloropropene	ND	ug/Kg	52
1,1,2-Trichloroethane	ND	ug/Kg	52
Tetrachloroethene	ND	ug/Kg	52
1,3-Dichloropropane	ND	ug/Kg	52
Dibromochloromethane	ND	ug/Kg	103
1,2-Dibromoethane	ND	ug/Kg	52
Chlorobenzene	ND	ug/Kg	52
1,1,1,2-Tetrachlorethane	ND	ug/Kg	103
Ethylbenzene	ND	ug/Kg	52
m & p-Xylene	ND	ug/Kg	103
o-Xylene	ND	ug/Kg	52

Continued

New Age/Landmark
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Sample ID: WP-SP11-MW08-SS01 (A056) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	52
Bromoform	ND	ug/Kg	103
Isopropylbenzene	ND	ug/Kg	103
Bromobenzene	ND	ug/Kg	103
1,1,2,2-Tetrachloroethane	ND	ug/Kg	103
1,2,3-Trichloropropane	ND	ug/Kg	103
n-Propylbenzene	ND	ug/Kg	103
2-Chlorotoluene	ND	ug/Kg	103
4-Chlorotoluene	ND	ug/Kg	103
1,3,5-Trimethylbenzene	ND	ug/Kg	103
tert-Butylbenzene	ND	ug/Kg	103
1,2,4-Trimethylbenzene	ND	ug/Kg	103
sec-Butylbenzene	ND	ug/Kg	103
1,3-Dichlorobenzene	ND	ug/Kg	103
p-Isopropyltoluene	ND	ug/Kg	103
1,4-Dichlorobenzene	ND	ug/Kg	103
1,2-Dichlorobenzene	ND	ug/Kg	103
n-Butylbenzene	ND	ug/Kg	103
1,2-Dibromo-3-chloropropane	ND	ug/Kg	259
1,2,4-Trichlorobenzene	ND	ug/Kg	259
Hexachlorobutadiene	ND	ug/Kg	259
Naphthalene	ND	ug/Kg	259
1,2,3-Trichlorobenzene	ND	ug/Kg	259

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	50	50	100%
1,2-Dichloroethane d4	49	50	98%
Toluene d8	50	50	100%
Bromofluorobenzene	47	50	94%

% Solids	96.64%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
1 1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2174
Analysis Date: 6-Oct-99
Preserv. Date: 5-Oct-99
Operator: JMK
Sample ID: WP-SP11-MW08-SS02 (A057) 50:1
Matrix: Soil
Date Sampled: 5-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	278
Chloromethane	ND	ug/Kg	278
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	278
Trichlorofluoromenthane	ND	ug/Kg	278
Chloroethane	ND	ug/Kg	278
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	278
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW08-SS02 (A057) 50:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	278
1,2,4-Trichlorobenzene	ND	ug/Kg	278
Hexachlorobutadiene	ND	ug/Kg	278
Naphthalene	ND	ug/Kg	278
1,2,3-Trichlorobenzene	ND	ug/Kg	278

Surrogates			Spike Amount	%Rec
Dibromofluoromethane	56		50	112%
1,2-Dichloroethane d4	54		50	108%
Toluene d8	45		50	90%
Bromofluorobenzene	45		50	90%

% Solids	89.91%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2181
Analysis Date: 6-Oct-99
Preserv. Date: 5-Oct-99
Operator: JMK
Sample ID: WP-SP11-SB15-SS01 (A061)
Matrix: Soil
Date Sampled: 5-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	292
Chloromethane	ND	ug/Kg	292
Vinyl chloride	ND	ug/Kg	117
Bromomethane	ND	ug/Kg	292
Trichlorofluoromenthane	ND	ug/Kg	292
Chloroethane	ND	ug/Kg	292
1,1-Dichloroethene	ND	ug/Kg	58
Methylene chloride	ND	ug/Kg	292
trans-1,2-Dichloroethene	ND	ug/Kg	58
1,1-Dichloroethane	ND	ug/Kg	58
cis-1,2-Dichloroethene	ND	ug/Kg	58
Bromochloromethane	ND	ug/Kg	117
Chloroform	ND	ug/Kg	58
1,1,1-Trichloroethane	ND	ug/Kg	58
Carbon tetrachloride	ND	ug/Kg	58
1,1-Dichloropropene	ND	ug/Kg	58
Benzene	ND	ug/Kg	58
1,2-Dichloroethane	ND	ug/Kg	58
Trichloroethene	ND	ug/Kg	58
1,2-Dichloropropane	ND	ug/Kg	58
Dibromomethane	ND	ug/Kg	117
Bromodichloromethane	ND	ug/Kg	117
cis-1,3-Dichloropropene	ND	ug/Kg	58
Toluene	ND	ug/Kg	58
trans-1,3-Dichloropropene	ND	ug/Kg	58
1,1,2-Trichloroethane	ND	ug/Kg	58
Tetrachloroethene	ND	ug/Kg	58
1,3-Dichloropropane	ND	ug/Kg	58
Dibromochloromethane	ND	ug/Kg	117
1,2-Dibromoethane	ND	ug/Kg	58
Chlorobenzene	ND	ug/Kg	58
1,1,1,2-Tetrachlorethane	ND	ug/Kg	117
Ethylbenzene	ND	ug/Kg	58
m & p-Xylene	ND	ug/Kg	117
o-Xylene	ND	ug/Kg	58

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB15-SS01 (A061)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	58
Bromoform	ND	ug/Kg	117
Isopropylbenzene	ND	ug/Kg	117
Bromobenzene	ND	ug/Kg	117
1,1,2,2-Tetrachloroethane	ND	ug/Kg	117
1,2,3-Trichloropropane	ND	ug/Kg	117
n-Propylbenzene	ND	ug/Kg	117
2-Chlorotoluene	ND	ug/Kg	117
4-Chlorotoluene	ND	ug/Kg	117
1,3,5-Trimethylbenzene	ND	ug/Kg	117
tert-Butylbenzene	ND	ug/Kg	117
1,2,4-Trimethylbenzene	ND	ug/Kg	117
sec-Butylbenzene	ND	ug/Kg	117
1,3-Dichlorobenzene	ND	ug/Kg	117
p-Isopropyltoluene	ND	ug/Kg	117
1,4-Dichlorobenzene	ND	ug/Kg	117
1,2-Dichlorobenzene	ND	ug/Kg	117
n-Butylbenzene	ND	ug/Kg	117
1,2-Dibromo-3-chloropropane	ND	ug/Kg	292
1,2,4-Trichlorobenzene	ND	ug/Kg	292
Hexachlorobutadiene	ND	ug/Kg	292
Naphthalene	ND	ug/Kg	292
1,2,3-Trichlorobenzene	ND	ug/Kg	292

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	51	50	102%
1,2-Dichloroethane d4	60	50	120%
Toluene d8	45	50	90%
Bromofluorobenzene	48	50	96%

% Solids	85.59%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2205
Analysis Date: 6-Oct-99
Preserv. Date: 5-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB16-SS01 (A063)**
Matrix: Soil
Date Sampled: 5-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	281
Chloromethane	ND	ug/Kg	281
Vinyl chloride	ND	ug/Kg	112
Bromomethane	ND	ug/Kg	281
Trichlorofluoromenthane	ND	ug/Kg	281
Chloroethane	ND	ug/Kg	281
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	281
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	112
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	112
Bromodichloromethane	ND	ug/Kg	112
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	112
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	112
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	112
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB16-SS01 (A063)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	112
Isopropylbenzene	ND	ug/Kg	112
Bromobenzene	ND	ug/Kg	112
1,1,2,2-Tetrachloroethane	ND	ug/Kg	112
1,2,3-Trichloropropane	ND	ug/Kg	112
n-Propylbenzene	ND	ug/Kg	112
2-Chlorotoluene	ND	ug/Kg	112
4-Chlorotoluene	ND	ug/Kg	112
1,3,5-Trimethylbenzene	ND	ug/Kg	112
tert-Butylbenzene	ND	ug/Kg	112
1,2,4-Trimethylbenzene	ND	ug/Kg	112
sec-Butylbenzene	ND	ug/Kg	112
1,3-Dichlorobenzene	ND	ug/Kg	112
p-Isopropyltoluene	ND	ug/Kg	112
1,4-Dichlorobenzene	ND	ug/Kg	112
1,2-Dichlorobenzene	ND	ug/Kg	112
n-Butylbenzene	ND	ug/Kg	112
1,2-Dibromo-3-chloropropane	ND	ug/Kg	281
1,2,4-Trichlorobenzene	ND	ug/Kg	281
Hexachlorobutadiene	ND	ug/Kg	281
Naphthalene	ND	ug/Kg	281
1,2,3-Trichlorobenzene	ND	ug/Kg	281

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	51	50	102%
Toluene d8	48	50	96%
Bromofluorobenzene	46	50	92%

% Solids	89.07%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2206
Analysis Date: 6-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB17-SS01 (A065)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	305
Chloromethane	ND	ug/Kg	305
Vinyl chloride	ND	ug/Kg	122
Bromomethane	ND	ug/Kg	305
Trichlorofluoromenthane	ND	ug/Kg	305
Chloroethane	ND	ug/Kg	305
1,1-Dichloroethene	ND	ug/Kg	61
Methylene chloride	ND	ug/Kg	305
trans-1,2-Dichloroethene	ND	ug/Kg	61
1,1-Dichloroethane	ND	ug/Kg	61
cis-1,2-Dichloroethene	ND	ug/Kg	61
Bromochloromethane	ND	ug/Kg	122
Chloroform	ND	ug/Kg	61
1,1,1-Trichloroethane	ND	ug/Kg	61
Carbon tetrachloride	ND	ug/Kg	61
1,1-Dichloropropene	ND	ug/Kg	61
Benzene	ND	ug/Kg	61
1,2-Dichloroethane	ND	ug/Kg	61
Trichloroethene	ND	ug/Kg	61
1,2-Dichloropropane	ND	ug/Kg	61
Dibromomethane	ND	ug/Kg	122
Bromodichloromethane	ND	ug/Kg	122
cis-1,3-Dichloropropene	ND	ug/Kg	61
Toluene	ND	ug/Kg	61
trans-1,3-Dichloropropene	ND	ug/Kg	61
1,1,2-Trichloroethane	ND	ug/Kg	61
Tetrachloroethene	ND	ug/Kg	61
1,3-Dichloropropane	ND	ug/Kg	61
Dibromochloromethane	ND	ug/Kg	122
1,2-Dibromoethane	ND	ug/Kg	61
Chlorobenzene	ND	ug/Kg	61
1,1,1,2-Tetrachlorethane	ND	ug/Kg	122
Ethylbenzene	ND	ug/Kg	61
m & p-Xylene	ND	ug/Kg	122
o-Xylene	ND	ug/Kg	61

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB17-SS01 (A065)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	61
Bromoform	ND	ug/Kg	122
Isopropylbenzene	ND	ug/Kg	122
Bromobenzene	ND	ug/Kg	122
1,1,2,2-Tetrachloroethane	ND	ug/Kg	122
1,2,3-Trichloropropane	ND	ug/Kg	122
n-Propylbenzene	ND	ug/Kg	122
2-Chlorotoluene	ND	ug/Kg	122
4-Chlorotoluene	ND	ug/Kg	122
1,3,5-Trimethylbenzene	ND	ug/Kg	122
tert-Butylbenzene	ND	ug/Kg	122
1,2,4-Trimethylbenzene	ND	ug/Kg	122
sec-Butylbenzene	ND	ug/Kg	122
1,3-Dichlorobenzene	ND	ug/Kg	122
p-Isopropyltoluene	ND	ug/Kg	122
1,4-Dichlorobenzene	ND	ug/Kg	122
1,2-Dichlorobenzene	ND	ug/Kg	122
n-Butylbenzene	ND	ug/Kg	122
1,2-Dibromo-3-chloropropane	ND	ug/Kg	305
1,2,4-Trichlorobenzene	ND	ug/Kg	305
Hexachlorobutadiene	ND	ug/Kg	305
Naphthalene	ND	ug/Kg	305
1,2,3-Trichlorobenzene	ND	ug/Kg	305

Surrogates			Spike Amount	%Rec
Dibromofluoromethane	43		50	86%
1,2-Dichloroethane d4	46		50	92%
Toluene d8	51		50	102%
Bromofluorobenzene	43		50	86%

% Solids	82.01%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
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ITGroup, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2210
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB18-SS01 (A070)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8261 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	281
Chloromethane	ND	ug/Kg	281
Vinyl chloride	ND	ug/Kg	112
Bromomethane	ND	ug/Kg	281
Trichlorofluoromenthane	ND	ug/Kg	281
Chloroethane	ND	ug/Kg	281
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	281
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	112
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	112
Bromodichloromethane	ND	ug/Kg	112
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	112
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	112
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	112
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
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Sample ID: WP-SP11-SB18-SS01 (A070)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	112
Isopropylbenzene	ND	ug/Kg	112
Bromobenzene	ND	ug/Kg	112
1,1,2,2-Tetrachloroethane	ND	ug/Kg	112
1,2,3-Trichloropropane	ND	ug/Kg	112
n-Propylbenzene	ND	ug/Kg	112
2-Chlorotoluene	ND	ug/Kg	112
4-Chlorotoluene	ND	ug/Kg	112
1,3,5-Trimethylbenzene	ND	ug/Kg	112
tert-Butylbenzene	ND	ug/Kg	112
1,2,4-Trimethylbenzene	ND	ug/Kg	112
sec-Butylbenzene	ND	ug/Kg	112
1,3-Dichlorobenzene	ND	ug/Kg	112
p-Isopropyltoluene	ND	ug/Kg	112
1,4-Dichlorobenzene	ND	ug/Kg	112
1,2-Dichlorobenzene	ND	ug/Kg	112
n-Butylbenzene	ND	ug/Kg	112
1,2-Dibromo-3-chloropropane	ND	ug/Kg	281
1,2,4-Trichlorobenzene	ND	ug/Kg	281
Hexachlorobutadiene	ND	ug/Kg	281
Naphthalene	ND	ug/Kg	281
1,2,3-Trichlorobenzene	ND	ug/Kg	281

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	47	50	94%
1,2-Dichloroethane d4	50	50	100%
Toluene d8	52	50	104%
Bromofluorobenzene	46	50	92%

% Solids	88.97%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2211
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-2P11-SB18-SS02 (A071)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	291
Chloromethane	ND	ug/Kg	291
Vinyl chloride	ND	ug/Kg	116
Bromomethane	ND	ug/Kg	291
Trichlorofluoromenthane	ND	ug/Kg	291
Chloroethane	ND	ug/Kg	291
1,1-Dichloroethene	ND	ug/Kg	58
Methylene chloride	ND	ug/Kg	291
trans-1,2-Dichloroethene	ND	ug/Kg	58
1,1-Dichloroethane	ND	ug/Kg	58
cis-1,2-Dichloroethene	ND	ug/Kg	58
Bromochloromethane	ND	ug/Kg	116
Chloroform	ND	ug/Kg	58
1,1,1-Trichloroethane	ND	ug/Kg	58
Carbon tetrachloride	ND	ug/Kg	58
1,1-Dichloropropene	ND	ug/Kg	58
Benzene	ND	ug/Kg	58
1,2-Dichloroethane	ND	ug/Kg	58
Trichloroethene	ND	ug/Kg	58
1,2-Dichloropropane	ND	ug/Kg	58
Dibromomethane	ND	ug/Kg	116
Bromodichloromethane	ND	ug/Kg	116
cis-1,3-Dichloropropene	ND	ug/Kg	58
Toluene	ND	ug/Kg	58
trans-1,3-Dichloropropene	ND	ug/Kg	58
1,1,2-Trichloroethane	ND	ug/Kg	58
Tetrachloroethene	ND	ug/Kg	58
1,3-Dichloropropane	ND	ug/Kg	58
Dibromochloromethane	ND	ug/Kg	116
1,2-Dibromoethane	ND	ug/Kg	58
Chlorobenzene	ND	ug/Kg	58
1,1,1,2-Tetrachlorethane	ND	ug/Kg	116
Ethylbenzene	ND	ug/Kg	58
m & p-Xylene	ND	ug/Kg	116
o-Xylene	ND	ug/Kg	58

Continued

New Age/Landmark
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Sample ID: WP-2P11-SB18-SS02 (A071)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	58
Bromoform	ND	ug/Kg	116
Isopropylbenzene	ND	ug/Kg	116
Bromobenzene	ND	ug/Kg	116
1,1,2,2-Tetrachloroethane	ND	ug/Kg	116
1,2,3-Trichloropropane	ND	ug/Kg	116
n-Propylbenzene	ND	ug/Kg	116
2-Chlorotoluene	ND	ug/Kg	116
4-Chlorotoluene	ND	ug/Kg	116
1,3,5-Trimethylbenzene	ND	ug/Kg	116
tert-Butylbenzene	ND	ug/Kg	116
1,2,4-Trimethylbenzene	ND	ug/Kg	116
sec-Butylbenzene	ND	ug/Kg	116
1,3-Dichlorobenzene	ND	ug/Kg	116
p-Isopropyltoluene	ND	ug/Kg	116
1,4-Dichlorobenzene	ND	ug/Kg	116
1,2-Dichlorobenzene	ND	ug/Kg	116
n-Butylbenzene	ND	ug/Kg	116
1,2-Dibromo-3-chloropropane	ND	ug/Kg	291
1,2,4-Trichlorobenzene	ND	ug/Kg	291
Hexachlorobutadiene	ND	ug/Kg	291
Naphthalene	ND	ug/Kg	291
1,2,3-Trichlorobenzene	ND	ug/Kg	291

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	46	50	92%
1,2-Dichloroethane d4	47	50	94%
Toluene d8	56	50	112%
Bromofluorobenzene	48	50	96%

% Solids	85.98%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2212
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: WP-SP11-SB18-SS03 (A072)
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	280
Chloromethane	ND	ug/Kg	280
Vinyl chloride	ND	ug/Kg	112
Bromomethane	ND	ug/Kg	280
Trichlorofluoromenthane	ND	ug/Kg	280
Chloroethane	ND	ug/Kg	280
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	280
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	112
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	112
Bromodichloromethane	ND	ug/Kg	112
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	112
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	112
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	112
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB18-SS03 (A072)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	112
Isopropylbenzene	ND	ug/Kg	112
Bromobenzene	ND	ug/Kg	112
1,1,2,2-Tetrachloroethane	ND	ug/Kg	112
1,2,3-Trichloropropane	ND	ug/Kg	112
n-Propylbenzene	ND	ug/Kg	112
2-Chlorotoluene	ND	ug/Kg	112
4-Chlorotoluene	ND	ug/Kg	112
1,3,5-Trimethylbenzene	ND	ug/Kg	112
tert-Butylbenzene	ND	ug/Kg	112
1,2,4-Trimethylbenzene	ND	ug/Kg	112
sec-Butylbenzene	ND	ug/Kg	112
1,3-Dichlorobenzene	ND	ug/Kg	112
p-Isopropyltoluene	ND	ug/Kg	112
1,4-Dichlorobenzene	ND	ug/Kg	112
1,2-Dichlorobenzene	ND	ug/Kg	112
n-Butylbenzene	ND	ug/Kg	112
1,2-Dibromo-3-chloropropane	ND	ug/Kg	280
1,2,4-Trichlorobenzene	ND	ug/Kg	280
Hexachlorobutadiene	ND	ug/Kg	280
Naphthalene	ND	ug/Kg	280
1,2,3-Trichlorobenzene	ND	ug/Kg	280

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	46	50	92%
1,2-Dichloroethane d4	46	50	92%
Toluene d8	55	50	110%
Bromofluorobenzene	45	50	90%

% Solids	89.40%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2213
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: WP-SP11-SB18-SS04 (A073)
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	280
Chloromethane	ND	ug/Kg	280
Vinyl chloride	ND	ug/Kg	112
Bromomethane	ND	ug/Kg	280
Trichlorofluoromenthane	ND	ug/Kg	280
Chloroethane	ND	ug/Kg	280
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	280
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	112
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	112
Bromodichloromethane	ND	ug/Kg	112
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	112
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	112
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	112
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
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Sample ID: WP-SP11-SB18-SS04 (A073)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	112
Isopropylbenzene	ND	ug/Kg	112
Bromobenzene	ND	ug/Kg	112
1,1,2,2-Tetrachloroethane	ND	ug/Kg	112
1,2,3-Trichloropropane	ND	ug/Kg	112
n-Propylbenzene	ND	ug/Kg	112
2-Chlorotoluene	ND	ug/Kg	112
4-Chlorotoluene	ND	ug/Kg	112
1,3,5-Trimethylbenzene	ND	ug/Kg	112
tert-Butylbenzene	ND	ug/Kg	112
1,2,4-Trimethylbenzene	ND	ug/Kg	112
sec-Butylbenzene	ND	ug/Kg	112
1,3-Dichlorobenzene	ND	ug/Kg	112
p-Isopropyltoluene	ND	ug/Kg	112
1,4-Dichlorobenzene	ND	ug/Kg	112
1,2-Dichlorobenzene	ND	ug/Kg	112
n-Butylbenzene	ND	ug/Kg	112
1,2-Dibromo-3-chloropropane	ND	ug/Kg	280
1,2,4-Trichlorobenzene	ND	ug/Kg	280
Hexachlorobutadiene	ND	ug/Kg	280
Naphthalene	ND	ug/Kg	280
1,2,3-Trichlorobenzene	ND	ug/Kg	280

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	51	50	102%
1,2-Dichloroethane d4	54	50	108%
Toluene d8	57	50	114%
Bromofluorobenzene	51	50	102%

% Solids	89.30%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2214
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-MW09-SS01 (A074)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	292
Chloromethane	ND	ug/Kg	292
Vinyl chloride	ND	ug/Kg	117
Bromomethane	ND	ug/Kg	292
Trichlorofluoromenthane	ND	ug/Kg	292
Chloroethane	ND	ug/Kg	292
1,1-Dichloroethene	ND	ug/Kg	58
Methylene chloride	ND	ug/Kg	292
trans-1,2-Dichloroethene	ND	ug/Kg	58
1,1-Dichloroethane	ND	ug/Kg	58
cis-1,2-Dichloroethene	ND	ug/Kg	58
Bromochloromethane	ND	ug/Kg	117
Chloroform	ND	ug/Kg	58
1,1,1-Trichloroethane	ND	ug/Kg	58
Carbon tetrachloride	ND	ug/Kg	58
1,1-Dichloropropene	ND	ug/Kg	58
Benzene	ND	ug/Kg	58
1,2-Dichloroethane	ND	ug/Kg	58
Trichloroethene	ND	ug/Kg	58
1,2-Dichloropropane	ND	ug/Kg	58
Dibromomethane	ND	ug/Kg	117
Bromodichloromethane	ND	ug/Kg	117
cis-1,3-Dichloropropene	ND	ug/Kg	58
Toluene	ND	ug/Kg	58
trans-1,3-Dichloropropene	ND	ug/Kg	58
1,1,2-Trichloroethane	ND	ug/Kg	58
Tetrachloroethene	ND	ug/Kg	58
1,3-Dichloropropane	ND	ug/Kg	58
Dibromochloromethane	ND	ug/Kg	117
1,2-Dibromoethane	ND	ug/Kg	58
Chlorobenzene	ND	ug/Kg	58
1,1,1,2-Tetrachlorethane	ND	ug/Kg	117
Ethylbenzene	ND	ug/Kg	58
m & p-Xylene	ND	ug/Kg	117
o-Xylene	ND	ug/Kg	58

Continued

New Age/Landmark
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Sample ID: WP-SP11-MW09-SS01 (A074)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	58
Bromoform	ND	ug/Kg	117
Isopropylbenzene	ND	ug/Kg	117
Bromobenzene	ND	ug/Kg	117
1,1,2,2-Tetrachloroethane	ND	ug/Kg	117
1,2,3-Trichloropropane	ND	ug/Kg	117
n-Propylbenzene	ND	ug/Kg	117
2-Chlorotoluene	ND	ug/Kg	117
4-Chlorotoluene	ND	ug/Kg	117
1,3,5-Trimethylbenzene	ND	ug/Kg	117
tert-Butylbenzene	ND	ug/Kg	117
1,2,4-Trimethylbenzene	ND	ug/Kg	117
sec-Butylbenzene	ND	ug/Kg	117
1,3-Dichlorobenzene	ND	ug/Kg	117
p-Isopropyltoluene	ND	ug/Kg	117
1,4-Dichlorobenzene	ND	ug/Kg	117
1,2-Dichlorobenzene	ND	ug/Kg	117
n-Butylbenzene	ND	ug/Kg	117
1,2-Dibromo-3-chloropropane	ND	ug/Kg	292
1,2,4-Trichlorobenzene	ND	ug/Kg	292
Hexachlorobutadiene	ND	ug/Kg	292
Naphthalene	ND	ug/Kg	292
1,2,3-Trichlorobenzene	ND	ug/Kg	292

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	47	50	94%
1,2-Dichloroethane d4	53	50	106%
Toluene d8	50	50	100%
Bromofluorobenzene	47	50	94%

% Solids	85.61%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2215
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-MW09-SS02 (A075)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	268
Chloromethane	ND	ug/Kg	268
Vinyl chloride	ND	ug/Kg	107
Bromomethane	ND	ug/Kg	268
Trichlorofluoromenthane	ND	ug/Kg	268
Chloroethane	ND	ug/Kg	268
1,1-Dichloroethene	ND	ug/Kg	54
Methylene chloride	ND	ug/Kg	268
trans-1,2-Dichloroethene	ND	ug/Kg	54
1,1-Dichloroethane	ND	ug/Kg	54
cis-1,2-Dichloroethene	ND	ug/Kg	54
Bromochloromethane	ND	ug/Kg	107
Chloroform	ND	ug/Kg	54
1,1,1-Trichloroethane	ND	ug/Kg	54
Carbon tetrachloride	ND	ug/Kg	54
1,1-Dichloropropene	ND	ug/Kg	54
Benzene	ND	ug/Kg	54
1,2-Dichloroethane	ND	ug/Kg	54
Trichloroethene	ND	ug/Kg	54
1,2-Dichloropropane	ND	ug/Kg	54
Dibromomethane	ND	ug/Kg	107
Bromodichloromethane	ND	ug/Kg	107
cis-1,3-Dichloropropene	ND	ug/Kg	54
Toluene	ND	ug/Kg	54
trans-1,3-Dichloropropene	ND	ug/Kg	54
1,1,2-Trichloroethane	ND	ug/Kg	54
Tetrachloroethene	ND	ug/Kg	54
1,3-Dichloropropane	ND	ug/Kg	54
Dibromochloromethane	ND	ug/Kg	107
1,2-Dibromoethane	ND	ug/Kg	54
Chlorobenzene	ND	ug/Kg	54
1,1,1,2-Tetrachlorethane	ND	ug/Kg	107
Ethylbenzene	ND	ug/Kg	54
m & p-Xylene	ND	ug/Kg	107
o-Xylene	ND	ug/Kg	54

Continued

New Age/Landmark
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Sample ID: WP-SP11-MW09-SS02 (A075)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	54
Bromoform	ND	ug/Kg	107
Isopropylbenzene	ND	ug/Kg	107
Bromobenzene	ND	ug/Kg	107
1,1,2,2-Tetrachloroethane	ND	ug/Kg	107
1,2,3-Trichloropropane	ND	ug/Kg	107
n-Propylbenzene	ND	ug/Kg	107
2-Chlorotoluene	ND	ug/Kg	107
4-Chlorotoluene	ND	ug/Kg	107
1,3,5-Trimethylbenzene	ND	ug/Kg	107
tert-Butylbenzene	ND	ug/Kg	107
1,2,4-Trimethylbenzene	ND	ug/Kg	107
sec-Butylbenzene	ND	ug/Kg	107
1,3-Dichlorobenzene	ND	ug/Kg	107
p-Isopropyltoluene	ND	ug/Kg	107
1,4-Dichlorobenzene	ND	ug/Kg	107
1,2-Dichlorobenzene	ND	ug/Kg	107
n-Butylbenzene	ND	ug/Kg	107
1,2-Dibromo-3-chloropropane	ND	ug/Kg	268
1,2,4-Trichlorobenzene	ND	ug/Kg	268
Hexachlorobutadiene	ND	ug/Kg	268
Naphthalene	ND	ug/Kg	268
1,2,3-Trichlorobenzene	ND	ug/Kg	268

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	49	50	98%
1,2-Dichloroethane d4	56	50	112%
Toluene d8	53	50	106%
Bromofluorobenzene	49	50	98%

% Solids	93.39%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2216
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB19-SS01 (A079)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	275
Chloromethane	ND	ug/Kg	275
Vinyl chloride	ND	ug/Kg	110
Bromomethane	ND	ug/Kg	275
Trichlorofluoromenthane	ND	ug/Kg	275
Chloroethane	ND	ug/Kg	275
1,1-Dichloroethene	ND	ug/Kg	55
Methylene chloride	ND	ug/Kg	275
trans-1,2-Dichloroethene	ND	ug/Kg	55
1,1-Dichloroethane	ND	ug/Kg	55
cis-1,2-Dichloroethene	ND	ug/Kg	55
Bromochloromethane	ND	ug/Kg	110
Chloroform	ND	ug/Kg	55
1,1,1-Trichloroethane	ND	ug/Kg	55
Carbon tetrachloride	ND	ug/Kg	55
1,1-Dichloropropene	ND	ug/Kg	55
Benzene	ND	ug/Kg	55
1,2-Dichloroethane	ND	ug/Kg	55
Trichloroethene	ND	ug/Kg	55
1,2-Dichloropropane	ND	ug/Kg	55
Dibromomethane	ND	ug/Kg	110
Bromodichloromethane	ND	ug/Kg	110
cis-1,3-Dichloropropene	ND	ug/Kg	55
Toluene	ND	ug/Kg	55
trans-1,3-Dichloropropene	ND	ug/Kg	55
1,1,2-Trichloroethane	ND	ug/Kg	55
Tetrachloroethene	ND	ug/Kg	55
1,3-Dichloropropane	ND	ug/Kg	55
Dibromochloromethane	ND	ug/Kg	110
1,2-Dibromoethane	ND	ug/Kg	55
Chlorobenzene	ND	ug/Kg	55
1,1,1,2-Tetrachlorethane	ND	ug/Kg	110
Ethylbenzene	ND	ug/Kg	55
m & p-Xylene	ND	ug/Kg	110
o-Xylene	ND	ug/Kg	55

Continued

New Age/Landmark
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Sample ID: WP-SP11-SB19-SS01 (A079)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	55
Bromoform	ND	ug/Kg	110
Isopropylbenzene	ND	ug/Kg	110
Bromobenzene	ND	ug/Kg	110
1,1,2,2-Tetrachloroethane	ND	ug/Kg	110
1,2,3-Trichloropropane	ND	ug/Kg	110
n-Propylbenzene	ND	ug/Kg	110
2-Chlorotoluene	ND	ug/Kg	110
4-Chlorotoluene	ND	ug/Kg	110
1,3,5-Trimethylbenzene	ND	ug/Kg	110
tert-Butylbenzene	ND	ug/Kg	110
1,2,4-Trimethylbenzene	ND	ug/Kg	110
sec-Butylbenzene	ND	ug/Kg	110
1,3-Dichlorobenzene	ND	ug/Kg	110
p-Isopropyltoluene	ND	ug/Kg	110
1,4-Dichlorobenzene	ND	ug/Kg	110
1,2-Dichlorobenzene	ND	ug/Kg	110
n-Butylbenzene	ND	ug/Kg	110
1,2-Dibromo-3-chloropropane	ND	ug/Kg	275
1,2,4-Trichlorobenzene	ND	ug/Kg	275
Hexachlorobutadiene	ND	ug/Kg	275
Naphthalene	ND	ug/Kg	275
1,2,3-Trichlorobenzene	ND	ug/Kg	275

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	47	50	94%
1,2-Dichloroethane d4	47	50	94%
Toluene d8	59	50	118%
Bromofluorobenzene	48	50	96%

% Solids	90.85%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2217
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB19-SS02 (A080)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	277
Chloromethane	ND	ug/Kg	277
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	277
Trichlorofluoromenthane	ND	ug/Kg	277
Chloroethane	ND	ug/Kg	277
1,1-Dichloroethene	ND	ug/Kg	55
Methylene chloride	ND	ug/Kg	277
trans-1,2-Dichloroethene	ND	ug/Kg	55
1,1-Dichloroethane	ND	ug/Kg	55
cis-1,2-Dichloroethene	ND	ug/Kg	55
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	55
1,1,1-Trichloroethane	ND	ug/Kg	55
Carbon tetrachloride	ND	ug/Kg	55
1,1-Dichloropropene	ND	ug/Kg	55
Benzene	ND	ug/Kg	55
1,2-Dichloroethane	ND	ug/Kg	55
Trichloroethene	ND	ug/Kg	55
1,2-Dichloropropane	ND	ug/Kg	55
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	55
Toluene	ND	ug/Kg	55
trans-1,3-Dichloropropene	ND	ug/Kg	55
1,1,2-Trichloroethane	ND	ug/Kg	55
Tetrachloroethene	ND	ug/Kg	55
1,3-Dichloropropane	ND	ug/Kg	55
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	55
Chlorobenzene	ND	ug/Kg	55
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	55
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	55

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB19-SS02 (A080)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	55
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	277
1,2,4-Trichlorobenzene	ND	ug/Kg	277
Hexachlorobutadiene	ND	ug/Kg	277
Naphthalene	ND	ug/Kg	277
1,2,3-Trichlorobenzene	ND	ug/Kg	277

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	49	50	98%
1,2-Dichloroethane d4	49	50	98%
Toluene d8	58	50	116%
Bromofluorobenzene	49	50	98%

% Solids	90.14%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2218
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB19-SS03 (A081)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	279
Chloromethane	ND	ug/Kg	279
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	279
Trichlorofluoromenthane	ND	ug/Kg	279
Chloroethane	ND	ug/Kg	279
1,1-Dichloroethene	ND	ug/Kg	56
Methylene chloride	ND	ug/Kg	279
trans-1,2-Dichloroethene	ND	ug/Kg	56
1,1-Dichloroethane	ND	ug/Kg	56
cis-1,2-Dichloroethene	ND	ug/Kg	56
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	56
1,1,1-Trichloroethane	ND	ug/Kg	56
Carbon tetrachloride	ND	ug/Kg	56
1,1-Dichloropropene	ND	ug/Kg	56
Benzene	ND	ug/Kg	56
1,2-Dichloroethane	ND	ug/Kg	56
Trichloroethene	ND	ug/Kg	56
1,2-Dichloropropane	ND	ug/Kg	56
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	56
Toluene	ND	ug/Kg	56
trans-1,3-Dichloropropene	ND	ug/Kg	56
1,1,2-Trichloroethane	ND	ug/Kg	56
Tetrachloroethene	ND	ug/Kg	56
1,3-Dichloropropane	ND	ug/Kg	56
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	56
Chlorobenzene	ND	ug/Kg	56
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	56
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	56

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB19-SS03 (A081)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	56
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	279
1,2,4-Trichlorobenzene	ND	ug/Kg	279
Hexachlorobutadiene	ND	ug/Kg	279
Naphthalene	ND	ug/Kg	279
1,2,3-Trichlorobenzene	ND	ug/Kg	279

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	49	50	98%
1,2-Dichloroethane d4	54	50	108%
Toluene d8	53	50	106%
Bromofluorobenzene	50	50	100%

% Solids	89.76%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2219
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB19-SS04 (A082)**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	277
Chloromethane	ND	ug/Kg	277
Vinyl chloride	ND	ug/Kg	111
Bromomethane	ND	ug/Kg	277
Trichlorofluoromenthane	ND	ug/Kg	277
Chloroethane	ND	ug/Kg	277
1,1-Dichloroethene	ND	ug/Kg	55
Methylene chloride	ND	ug/Kg	277
trans-1,2-Dichloroethene	ND	ug/Kg	55
1,1-Dichloroethane	ND	ug/Kg	55
cis-1,2-Dichloroethene	ND	ug/Kg	55
Bromochloromethane	ND	ug/Kg	111
Chloroform	ND	ug/Kg	55
1,1,1-Trichloroethane	ND	ug/Kg	55
Carbon tetrachloride	ND	ug/Kg	55
1,1-Dichloropropene	ND	ug/Kg	55
Benzene	ND	ug/Kg	55
1,2-Dichloroethane	ND	ug/Kg	55
Trichloroethene	ND	ug/Kg	55
1,2-Dichloropropane	ND	ug/Kg	55
Dibromomethane	ND	ug/Kg	111
Bromodichloromethane	ND	ug/Kg	111
cis-1,3-Dichloropropene	ND	ug/Kg	55
Toluene	ND	ug/Kg	55
trans-1,3-Dichloropropene	ND	ug/Kg	55
1,1,2-Trichloroethane	ND	ug/Kg	55
Tetrachloroethene	ND	ug/Kg	55
1,3-Dichloropropane	ND	ug/Kg	55
Dibromochloromethane	ND	ug/Kg	111
1,2-Dibromoethane	ND	ug/Kg	55
Chlorobenzene	ND	ug/Kg	55
1,1,1,2-Tetrachlorethane	ND	ug/Kg	111
Ethylbenzene	ND	ug/Kg	55
m & p-Xylene	ND	ug/Kg	111
o-Xylene	ND	ug/Kg	55

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB19-SS04 (A082)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	55
Bromoform	ND	ug/Kg	111
Isopropylbenzene	ND	ug/Kg	111
Bromobenzene	ND	ug/Kg	111
1,1,2,2-Tetrachloroethane	ND	ug/Kg	111
1,2,3-Trichloropropane	ND	ug/Kg	111
n-Propylbenzene	ND	ug/Kg	111
2-Chlorotoluene	ND	ug/Kg	111
4-Chlorotoluene	ND	ug/Kg	111
1,3,5-Trimethylbenzene	ND	ug/Kg	111
tert-Butylbenzene	ND	ug/Kg	111
1,2,4-Trimethylbenzene	ND	ug/Kg	111
sec-Butylbenzene	ND	ug/Kg	111
1,3-Dichlorobenzene	ND	ug/Kg	111
p-Isopropyltoluene	ND	ug/Kg	111
1,4-Dichlorobenzene	ND	ug/Kg	111
1,2-Dichlorobenzene	ND	ug/Kg	111
n-Butylbenzene	ND	ug/Kg	111
1,2-Dibromo-3-chloropropane	ND	ug/Kg	277
1,2,4-Trichlorobenzene	ND	ug/Kg	277
Hexachlorobutadiene	ND	ug/Kg	277
Naphthalene	ND	ug/Kg	277
1,2,3-Trichlorobenzene	ND	ug/Kg	277

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	42	50	84%
1,2-Dichloroethane d4	44	50	88%
Toluene d8	59	50	118%
Bromofluorobenzene	46	50	92%

% Solids	90.20%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2220
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: **WP-SP11-SB19-SS04 (A082) MS**
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 5035

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	59	ug/L	50	118%
Chloromethane	53	ug/L	50	106%
Vinyl chloride	57	ug/L	50	114%
Bromomethane	33	ug/L	50	66%
Trichlorofluoromenthane	51	ug/L	50	102%
Chloroethane	39	ug/L	50	78%
1,1-Dichloroethene	49	ug/L	50	98%
Methylene chloride	51	ug/L	50	102%
trans-1,2-Dichloroethene	49	ug/L	50	98%
1,1-Dichloroethane	55	ug/L	50	110%
cis-1,2-Dichloroethene	48	ug/L	50	96%
Bromochloromethane	37	ug/L	50	74%
Chloroform	49	ug/L	50	98%
1,1,1-Trichloroethane	47	ug/L	50	94%
Carbon tetrachloride	47	ug/L	50	94%
1,1-Dichloropropene	49	ug/L	50	98%
Benzene	48	ug/L	50	96%
1,2-Dichloroethane	46	ug/L	50	92%
Trichloroethene	50	ug/L	50	100%
1,2-Dichloropropane	47	ug/L	50	94%
Dibromomethane	44	ug/L	50	88%
Bromodichloromethane	50	ug/L	50	100%
cis-1,3-Dichloropropene	47	ug/L	50	94%
Toluene	58	ug/L	50	116%
trans-1,3-Dichloropropene	35	ug/L	50	70%
1,1,2-Trichloroethane	47	ug/L	50	94%
Tetrachloroethene	56	ug/L	50	112%
1,3-Dichloropropane	47	ug/L	50	94%
Dibromochloromethane	46	ug/L	50	92%
1,2-Dibromoethane	43	ug/L	50	86%
Chlorobenzene	47	ug/L	50	94%
1,1,1,2-Tetrachlorethane	41	ug/L	50	82%
Ethylbenzene	50	ug/L	50	100%
m & p-Xylene	100	ug/L	100	100%
o-Xylene	50	ug/L	50	100%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB19-SS04 (A082) MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	49	ug/L	50	98%
Bromoform	33	ug/L	50	66%
Isopropylbenzene	50	ug/L	50	100%
Bromobenzene	45	ug/L	50	90%
1,1,2,2-Tetrachloroethane	31	ug/L	50	62%
1,2,3-Trichloropropane	37	ug/L	50	74%
n-Propylbenzene	50	ug/L	50	100%
2-Chlorotoluene	50	ug/L	50	100%
4-Chlorotoluene	48	ug/L	50	96%
1,3,5-Trimethylbenzene	50	ug/L	50	100%
tert-Butylbenzene	49	ug/L	50	98%
1,2,4-Trimethylbenzene	49	ug/L	50	98%
sec-Butylbenzene	48	ug/L	50	96%
1,3-Dichlorobenzene	48	ug/L	50	96%
p-Isopropyltoluene	46	ug/L	50	92%
1,4-Dichlorobenzene	49	ug/L	50	98%
1,2-Dichlorobenzene	45	ug/L	50	90%
n-Butylbenzene	43	ug/L	50	86%
1,2-Dibromo-3-chloropropane	20	ug/L	50	40%
1,2,4-Trichlorobenzene	40	ug/L	50	80%
Hexachlorobutadiene	47	ug/L	50	94%
Naphthalene	30	ug/L	50	60%
1,2,3-Trichlorobenzene	38	ug/L	50	76%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	44	ug/L	50	88%
Toluene d8	54	ug/L	50	108%
Bromofluorobenzene	45	ug/L	50	90%

% Solids	90.20%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2221
Analysis Date: 7-Oct-99
Preserv. Date: 6-Oct-99
Operator: JMK
Sample ID: WP-SP11-SB19-SS04 (A082) MSD
Matrix: Soil
Date Sampled: 6-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Dichlorofluoromethane	53	ug/Kg	50	106%	-11%
Chloromethane	55	ug/Kg	50	110%	4%
Vinyl chloride	53	ug/Kg	50	106%	-7%
Bromomethane	54	ug/Kg	50	108%	48%
Trichlorofluoromenthane	51	ug/Kg	50	102%	0%
Chloroethane	12	ug/Kg	50	24%	-106%
1,1-Dichloroethene	45	ug/Kg	50	90%	-9%
Methylene chloride	51	ug/Kg	50	102%	0%
trans-1,2-Dichloroethene	47	ug/Kg	50	94%	-4%
1,1-Dichloroethane	53	ug/Kg	50	106%	-4%
cis-1,2-Dichloroethene	50	ug/Kg	50	100%	4%
Bromochloromethane	50	ug/Kg	50	100%	30%
Chloroform	50	ug/Kg	50	100%	2%
1,1,1-Trichloroethane	51	ug/Kg	50	102%	8%
Carbon tetrachloride	48	ug/Kg	50	96%	2%
1,1-Dichloropropene	49	ug/Kg	50	98%	0%
Benzene	51	ug/Kg	50	102%	6%
1,2-Dichloroethane	49	ug/Kg	50	98%	6%
Trichloroethene	49	ug/Kg	50	98%	-2%
1,2-Dichloropropane	50	ug/Kg	50	100%	6%
Dibromomethane	49	ug/Kg	50	98%	11%
Bromodichloromethane	54	ug/Kg	50	108%	8%
cis-1,3-Dichloropropene	58	ug/Kg	50	116%	21%
Toluene	54	ug/Kg	50	108%	-7%
trans-1,3-Dichloropropene	58	ug/Kg	50	116%	49%
1,1,2-Trichloroethane	52	ug/Kg	50	104%	10%
Tetrachloroethene	51	ug/Kg	50	102%	-9%
1,3-Dichloropropane	55	ug/Kg	50	110%	16%
Dibromochloromethane	51	ug/Kg	50	102%	10%
1,2-Dibromoethane	54	ug/Kg	50	108%	23%
Chlorobenzene	50	ug/Kg	50	100%	6%
1,1,1,2-Tetrachlorethane	49	ug/Kg	50	98%	18%
Ethylbenzene	50	ug/Kg	50	100%	0%
m & p-Xylene	98	ug/Kg	100	98%	-2%
o-Xylene	49	ug/Kg	50	98%	-2%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB19-SS04 (A082) MSD

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Styrene	50	ug/Kg	50	100%	2%
Bromoform	44	ug/Kg	50	88%	29%
Isopropylbenzene	51	ug/Kg	50	102%	2%
Bromobenzene	48	ug/Kg	50	96%	6%
1,1,2,2-Tetrachloroethane	53	ug/Kg	50	106%	52%
1,2,3-Trichloropropane	50	ug/Kg	50	100%	30%
n-Propylbenzene	52	ug/Kg	50	104%	4%
2-Chlorotoluene	52	ug/Kg	50	104%	4%
4-Chlorotoluene	50	ug/Kg	50	100%	4%
1,3,5-Trimethylbenzene	54	ug/Kg	50	108%	8%
tert-Butylbenzene	53	ug/Kg	50	106%	8%
1,2,4-Trimethylbenzene	57	ug/Kg	50	114%	15%
sec-Butylbenzene	57	ug/Kg	50	114%	17%
1,3-Dichlorobenzene	52	ug/Kg	50	104%	8%
p-Isopropyltoluene	56	ug/Kg	50	112%	20%
1,4-Dichlorobenzene	53	ug/Kg	50	106%	8%
1,2-Dichlorobenzene	53	ug/Kg	50	106%	16%
n-Butylbenzene	59	ug/Kg	50	118%	31%
1,2-Dibromo-3-chloropropane	55	ug/Kg	50	110%	93%
1,2,4-Trichlorobenzene	54	ug/Kg	50	108%	30%
Hexachlorobutadiene	55	ug/Kg	50	110%	16%
Naphthalene	54	ug/Kg	50	108%	57%
1,2,3-Trichlorobenzene	52	ug/Kg	50	104%	31%

Surrogates			Spike Amount	% Rec	% RSD
Dibromofluoromethane	48		50	96%	6%
1,2-Dichloroethane d4	48		50	96%	9%
Toluene d8	51		50	102%	-6%
Bromofluorobenzene	48		50	96%	6%

% Solids	90.20%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2227
Analysis Date: 8-Oct-99
Preserv. Date: 8-Oct-99
Operator: JMK
Sample ID: **WP-SP11-IW03-SS01 (A084)**
Matrix: Soil
Date Sampled: 8-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	296
Chloromethane	ND	ug/Kg	296
Vinyl chloride	ND	ug/Kg	118
Bromomethane	ND	ug/Kg	296
Trichlorofluoromenthane	ND	ug/Kg	296
Chloroethane	ND	ug/Kg	296
1,1-Dichloroethene	ND	ug/Kg	59
Methylene chloride	ND	ug/Kg	296
trans-1,2-Dichloroethene	86	ug/Kg	59
1,1-Dichloroethane	ND	ug/Kg	59
cis-1,2-Dichloroethene	ND	ug/Kg	59
Bromochloromethane	ND	ug/Kg	118
Chloroform	ND	ug/Kg	59
1,1,1-Trichloroethane	ND	ug/Kg	59
Carbon tetrachloride	ND	ug/Kg	59
1,1-Dichloropropene	ND	ug/Kg	59
Benzene	ND	ug/Kg	59
1,2-Dichloroethane	ND	ug/Kg	59
Trichloroethene	1300	ug/Kg	59
1,2-Dichloropropane	ND	ug/Kg	59
Dibromomethane	ND	ug/Kg	118
Bromodichloromethane	ND	ug/Kg	118
cis-1,3-Dichloropropene	ND	ug/Kg	59
Toluene	ND	ug/Kg	59
trans-1,3-Dichloropropene	ND	ug/Kg	59
1,1,2-Trichloroethane	ND	ug/Kg	59
Tetrachloroethene	ND	ug/Kg	59
1,3-Dichloropropane	ND	ug/Kg	59
Dibromochloromethane	ND	ug/Kg	118
1,2-Dibromoethane	ND	ug/Kg	59
Chlorobenzene	ND	ug/Kg	59
1,1,1,2-Tetrachlorethane	ND	ug/Kg	118
Ethylbenzene	ND	ug/Kg	59
m & p-Xylene	ND	ug/Kg	118
o-Xylene	ND	ug/Kg	59

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW03-SS01 (A084)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	59
Bromoform	ND	ug/Kg	118
Isopropylbenzene	ND	ug/Kg	118
Bromobenzene	ND	ug/Kg	118
1,1,2,2-Tetrachloroethane	ND	ug/Kg	118
1,2,3-Trichloropropane	ND	ug/Kg	118
n-Propylbenzene	ND	ug/Kg	118
2-Chlorotoluene	ND	ug/Kg	118
4-Chlorotoluene	ND	ug/Kg	118
1,3,5-Trimethylbenzene	ND	ug/Kg	118
tert-Butylbenzene	ND	ug/Kg	118
1,2,4-Trimethylbenzene	ND	ug/Kg	118
sec-Butylbenzene	ND	ug/Kg	118
1,3-Dichlorobenzene	ND	ug/Kg	118
p-Isopropyltoluene	ND	ug/Kg	118
1,4-Dichlorobenzene	ND	ug/Kg	118
1,2-Dichlorobenzene	ND	ug/Kg	118
n-Butylbenzene	ND	ug/Kg	118
1,2-Dibromo-3-chloropropane	ND	ug/Kg	296
1,2,4-Trichlorobenzene	ND	ug/Kg	296
Hexachlorobutadiene	ND	ug/Kg	296
Naphthalene	ND	ug/Kg	296
1,2,3-Trichlorobenzene	ND	ug/Kg	296

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	49	50	98%
1,2-Dichloroethane d4	48	50	96%
Toluene d8	54	50	108%
Bromofluorobenzene	48	50	96%

% Solids	84.50%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2228
Analysis Date: 8-Oct-99
Preserv. Date: 8-Oct-99
Operator: JMK
Sample ID: **WP-SP11-IW03-SS02 (A085)**
Matrix: Soil
Date Sampled: 8-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	276
Chloromethane	ND	ug/Kg	276
Vinyl chloride	ND	ug/Kg	110
Bromomethane	ND	ug/Kg	276
Trichlorofluoromenthane	ND	ug/Kg	276
Chloroethane	ND	ug/Kg	276
1,1-Dichloroethene	ND	ug/Kg	55
Methylene chloride	ND	ug/Kg	276
trans-1,2-Dichloroethene	ND	ug/Kg	55
1,1-Dichloroethane	ND	ug/Kg	55
cis-1,2-Dichloroethene	480	ug/Kg	55
Bromochloromethane	ND	ug/Kg	110
Chloroform	ND	ug/Kg	55
1,1,1-Trichloroethane	ND	ug/Kg	55
Carbon tetrachloride	ND	ug/Kg	55
1,1-Dichloropropene	ND	ug/Kg	55
Benzene	ND	ug/Kg	55
1,2-Dichloroethane	ND	ug/Kg	55
Trichloroethene	1300	ug/Kg	55
1,2-Dichloropropane	ND	ug/Kg	55
Dibromomethane	ND	ug/Kg	110
Bromodichloromethane	ND	ug/Kg	110
cis-1,3-Dichloropropene	ND	ug/Kg	55
Toluene	ND	ug/Kg	55
trans-1,3-Dichloropropene	ND	ug/Kg	55
1,1,2-Trichloroethane	ND	ug/Kg	55
Tetrachloroethene	ND	ug/Kg	55
1,3-Dichloropropane	ND	ug/Kg	55
Dibromochloromethane	ND	ug/Kg	110
1,2-Dibromoethane	ND	ug/Kg	55
Chlorobenzene	ND	ug/Kg	55
1,1,1,2-Tetrachlorethane	ND	ug/Kg	110
Ethylbenzene	ND	ug/Kg	55
m & p-Xylene	ND	ug/Kg	110
o-Xylene	ND	ug/Kg	55

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW03-SS02 (A085)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	55
Bromoform	ND	ug/Kg	110
Isopropylbenzene	ND	ug/Kg	110
Bromobenzene	ND	ug/Kg	110
1,1,2,2-Tetrachloroethane	ND	ug/Kg	110
1,2,3-Trichloropropane	ND	ug/Kg	110
n-Propylbenzene	ND	ug/Kg	110
2-Chlorotoluene	ND	ug/Kg	110
4-Chlorotoluene	ND	ug/Kg	110
1,3,5-Trimethylbenzene	ND	ug/Kg	110
tert-Butylbenzene	ND	ug/Kg	110
1,2,4-Trimethylbenzene	ND	ug/Kg	110
sec-Butylbenzene	ND	ug/Kg	110
1,3-Dichlorobenzene	ND	ug/Kg	110
p-Isopropyltoluene	ND	ug/Kg	110
1,4-Dichlorobenzene	ND	ug/Kg	110
1,2-Dichlorobenzene	ND	ug/Kg	110
n-Butylbenzene	ND	ug/Kg	110
1,2-Dibromo-3-chloropropane	ND	ug/Kg	276
1,2,4-Trichlorobenzene	ND	ug/Kg	276
Hexachlorobutadiene	ND	ug/Kg	276
Naphthalene	ND	ug/Kg	276
1,2,3-Trichlorobenzene	ND	ug/Kg	276

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	53	50	106%
Toluene d8	52	50	104%
Bromofluorobenzene	49	50	98%

% Solids	90.52%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2234
Analysis Date: 8-Oct-99
Preserv. Date: 8-Oct-99
Operator: JMK
Sample ID: WP-SP11-IW05-SS01 (A087)
Matrix: Soil
Date Sampled: 8-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	296
Chloromethane	ND	ug/Kg	296
Vinyl chloride	ND	ug/Kg	119
Bromomethane	ND	ug/Kg	296
Trichlorofluoromenthane	ND	ug/Kg	296
Chloroethane	ND	ug/Kg	296
1,1-Dichloroethene	ND	ug/Kg	59
Methylene chloride	ND	ug/Kg	296
trans-1,2-Dichloroethene	ND	ug/Kg	59
1,1-Dichloroethane	ND	ug/Kg	59
cis-1,2-Dichloroethene	140	ug/Kg	59
Bromochloromethane	ND	ug/Kg	119
Chloroform	ND	ug/Kg	59
1,1,1-Trichloroethane	ND	ug/Kg	59
Carbon tetrachloride	ND	ug/Kg	59
1,1-Dichloropropene	ND	ug/Kg	59
Benzene	ND	ug/Kg	59
1,2-Dichloroethane	ND	ug/Kg	59
Trichloroethene	350	ug/Kg	59
1,2-Dichloropropane	ND	ug/Kg	59
Dibromomethane	ND	ug/Kg	119
Bromodichloromethane	ND	ug/Kg	119
cis-1,3-Dichloropropene	ND	ug/Kg	59
Toluene	ND	ug/Kg	59
trans-1,3-Dichloropropene	ND	ug/Kg	59
1,1,2-Trichloroethane	ND	ug/Kg	59
Tetrachloroethene	ND	ug/Kg	59
1,3-Dichloropropane	ND	ug/Kg	59
Dibromochloromethane	ND	ug/Kg	119
1,2-Dibromoethane	ND	ug/Kg	59
Chlorobenzene	ND	ug/Kg	59
1,1,1,2-Tetrachlorethane	ND	ug/Kg	119
Ethylbenzene	ND	ug/Kg	59
m & p-Xylene	ND	ug/Kg	119
o-Xylene	ND	ug/Kg	59

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW05-SS01 (A087)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	59
Bromoform	ND	ug/Kg	119
Isopropylbenzene	ND	ug/Kg	119
Bromobenzene	ND	ug/Kg	119
1,1,2,2-Tetrachloroethane	ND	ug/Kg	119
1,2,3-Trichloropropane	ND	ug/Kg	119
n-Propylbenzene	ND	ug/Kg	119
2-Chlorotoluene	ND	ug/Kg	119
4-Chlorotoluene	ND	ug/Kg	119
1,3,5-Trimethylbenzene	ND	ug/Kg	119
tert-Butylbenzene	ND	ug/Kg	119
1,2,4-Trimethylbenzene	ND	ug/Kg	119
sec-Butylbenzene	ND	ug/Kg	119
1,3-Dichlorobenzene	ND	ug/Kg	119
p-Isopropyltoluene	ND	ug/Kg	119
1,4-Dichlorobenzene	ND	ug/Kg	119
1,2-Dichlorobenzene	ND	ug/Kg	119
n-Butylbenzene	ND	ug/Kg	119
1,2-Dibromo-3-chloropropane	ND	ug/Kg	296
1,2,4-Trichlorobenzene	ND	ug/Kg	296
Hexachlorobutadiene	ND	ug/Kg	296
Naphthalene	ND	ug/Kg	296
1,2,3-Trichlorobenzene	ND	ug/Kg	296

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	46	50	92%
1,2-Dichloroethane d4	46	50	92%
Toluene d8	56	50	112%
Bromofluorobenzene	47	50	94%

% Solids	84.37%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

ITGroup, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2235
Analysis Date: 8-Oct-99
Preserv. Date: 8-Oct-99
Operator: JMK
Sample ID: **WP-SP11-IW05-SS02 (A088)**
Matrix: Soil
Date Sampled: 8-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	287
Chloromethane	ND	ug/Kg	287
Vinyl chloride	ND	ug/Kg	115
Bromomethane	ND	ug/Kg	287
Trichlorofluoromenthane	ND	ug/Kg	287
Chloroethane	ND	ug/Kg	287
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	287
trans-1,2-Dichloroethene	ND	ug/Kg	57
1,1-Dichloroethane	ND	ug/Kg	57
cis-1,2-Dichloroethene	ND	ug/Kg	57
Bromochloromethane	ND	ug/Kg	115
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	ND	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	115
Bromodichloromethane	ND	ug/Kg	115
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	115
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	115
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	115
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW05-SS02 (A088)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	115
Isopropylbenzene	ND	ug/Kg	115
Bromobenzene	ND	ug/Kg	115
1,1,2,2-Tetrachloroethane	ND	ug/Kg	115
1,2,3-Trichloropropane	ND	ug/Kg	115
n-Propylbenzene	ND	ug/Kg	115
2-Chlorotoluene	ND	ug/Kg	115
4-Chlorotoluene	ND	ug/Kg	115
1,3,5-Trimethylbenzene	ND	ug/Kg	115
tert-Butylbenzene	ND	ug/Kg	115
1,2,4-Trimethylbenzene	ND	ug/Kg	115
sec-Butylbenzene	ND	ug/Kg	115
1,3-Dichlorobenzene	ND	ug/Kg	115
p-Isopropyltoluene	ND	ug/Kg	115
1,4-Dichlorobenzene	ND	ug/Kg	115
1,2-Dichlorobenzene	ND	ug/Kg	115
n-Butylbenzene	ND	ug/Kg	115
1,2-Dibromo-3-chloropropane	ND	ug/Kg	287
1,2,4-Trichlorobenzene	ND	ug/Kg	287
Hexachlorobutadiene	ND	ug/Kg	287
Naphthalene	ND	ug/Kg	287
1,2,3-Trichlorobenzene	ND	ug/Kg	287

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	53	50	106%
Toluene d8	56	50	112%
Bromofluorobenzene	52	50	104%

% Solids	87.01%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2230
Analysis Date: 8-Oct-99
Preserv. Date: 8-Oct-99
Operator: JMK
Sample ID: WP-SP11-IW03-SS02 (A085) DUP
Matrix: Soil
Date Sampled: 8-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	296
Chloromethane	ND	ug/Kg	296
Vinyl chloride	ND	ug/Kg	118
Bromomethane	ND	ug/Kg	296
Trichlorofluoromenthane	ND	ug/Kg	296
Chloroethane	ND	ug/Kg	296
1,1-Dichloroethene	ND	ug/Kg	59
Methylene chloride	ND	ug/Kg	296
trans-1,2-Dichloroethene	ND	ug/Kg	59
1,1-Dichloroethane	ND	ug/Kg	59
cis-1,2-Dichloroethene	520	ug/Kg	59
Bromochloromethane	ND	ug/Kg	118
Chloroform	ND	ug/Kg	59
1,1,1-Trichloroethane	ND	ug/Kg	59
Carbon tetrachloride	ND	ug/Kg	59
1,1-Dichloropropene	ND	ug/Kg	59
Benzene	ND	ug/Kg	59
1,2-Dichloroethane	ND	ug/Kg	59
Trichloroethene	1500	ug/Kg	59
1,2-Dichloropropane	ND	ug/Kg	59
Dibromomethane	ND	ug/Kg	118
Bromodichloromethane	ND	ug/Kg	118
cis-1,3-Dichloropropene	ND	ug/Kg	59
Toluene	ND	ug/Kg	59
trans-1,3-Dichloropropene	ND	ug/Kg	59
1,1,2-Trichloroethane	ND	ug/Kg	59
Tetrachloroethene	ND	ug/Kg	59
1,3-Dichloropropane	ND	ug/Kg	59
Dibromochloromethane	ND	ug/Kg	118
1,2-Dibromoethane	ND	ug/Kg	59
Chlorobenzene	ND	ug/Kg	59
1,1,1,2-Tetrachlorethane	ND	ug/Kg	118
Ethylbenzene	ND	ug/Kg	59
m & p-Xylene	ND	ug/Kg	118
o-Xylene	ND	ug/Kg	59

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW03-SS02 (A085) DUP

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	59
Bromoform	ND	ug/Kg	118
Isopropylbenzene	ND	ug/Kg	118
Bromobenzene	ND	ug/Kg	118
1,1,2,2-Tetrachloroethane	ND	ug/Kg	118
1,2,3-Trichloropropane	ND	ug/Kg	118
n-Propylbenzene	ND	ug/Kg	118
2-Chlorotoluene	ND	ug/Kg	118
4-Chlorotoluene	ND	ug/Kg	118
1,3,5-Trimethylbenzene	ND	ug/Kg	118
tert-Butylbenzene	ND	ug/Kg	118
1,2,4-Trimethylbenzene	ND	ug/Kg	118
sec-Butylbenzene	ND	ug/Kg	118
1,3-Dichlorobenzene	ND	ug/Kg	118
p-Isopropyltoluene	ND	ug/Kg	118
1,4-Dichlorobenzene	ND	ug/Kg	118
1,2-Dichlorobenzene	ND	ug/Kg	118
n-Butylbenzene	ND	ug/Kg	118
1,2-Dibromo-3-chloropropane	ND	ug/Kg	296
1,2,4-Trichlorobenzene	ND	ug/Kg	296
Hexachlorobutadiene	ND	ug/Kg	296
Naphthalene	ND	ug/Kg	296
1,2,3-Trichlorobenzene	ND	ug/Kg	296

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	44	50	88%
1,2-Dichloroethane d4	43	50	86%
Toluene d8	59	50	118%
Bromofluorobenzene	48	50	96%

% Solids	84.50%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2229
Analysis Date: 8-Oct-99
Preserv. Date: 8-Oct-99
Operator: JMK
Sample ID: **WP-SP11-IW03-SS02 (A085) MS**
Matrix: Soil
Date Sampled: 8-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	50	ug/L	50	100%
Chloromethane	56	ug/L	50	112%
Vinyl chloride	53	ug/L	50	106%
Bromomethane	45	ug/L	50	90%
Trichlorofluoromenthane	52	ug/L	50	104%
Chloroethane	7.1	ug/L	50	14%
1,1-Dichloroethene	41	ug/L	50	82%
Methylene chloride	52	ug/L	50	104%
trans-1,2-Dichloroethene	47	ug/L	50	94%
1,1-Dichloroethane	53	ug/L	50	106%
cis-1,2-Dichloroethene	58	ug/L	50	98%
Bromochloromethane	48	ug/L	50	96%
Chloroform	48	ug/L	50	96%
1,1,1-Trichloroethane	47	ug/L	50	94%
Carbon tetrachloride	45	ug/L	50	90%
1,1-Dichloropropene	44	ug/L	50	88%
Benzene	44	ug/L	50	88%
1,2-Dichloroethane	51	ug/L	50	102%
Trichloroethene	73	ug/L	50	94%
1,2-Dichloropropane	46	ug/L	50	92%
Dibromomethane	49	ug/L	50	98%
Bromodichloromethane	49	ug/L	50	98%
cis-1,3-Dichloropropene	52	ug/L	50	104%
Toluene	47	ug/L	50	94%
trans-1,3-Dichloropropene	53	ug/L	50	106%
1,1,2-Trichloroethane	48	ug/L	50	96%
Tetrachloroethene	41	ug/L	50	82%
1,3-Dichloropropane	50	ug/L	50	100%
Dibromochloromethane	47	ug/L	50	94%
1,2-Dibromoethane	48	ug/L	50	96%
Chlorobenzene	45	ug/L	50	90%
1,1,1,2-Tetrachlorethane	43	ug/L	50	86%
Ethylbenzene	47	ug/L	50	94%
m & p-Xylene	99	ug/L	100	99%
o-Xylene	48	ug/L	50	96%

Continued

New Age/Landmark
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Sample ID: WP-SP11-IW03-SS02 (A085) MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	47	ug/L	50	94%
Bromoform	41	ug/L	50	82%
Isopropylbenzene	47	ug/L	50	94%
Bromobenzene	44	ug/L	50	88%
1,1,2,2-Tetrachloroethane	51	ug/L	50	102%
1,2,3-Trichloropropane	49	ug/L	50	98%
n-Propylbenzene	45	ug/L	50	90%
2-Chlorotoluene	48	ug/L	50	96%
4-Chlorotoluene	46	ug/L	50	92%
1,3,5-Trimethylbenzene	46	ug/L	50	92%
tert-Butylbenzene	45	ug/L	50	90%
1,2,4-Trimethylbenzene	46	ug/L	50	92%
sec-Butylbenzene	46	ug/L	50	92%
1,3-Dichlorobenzene	42	ug/L	50	84%
p-Isopropyltoluene	44	ug/L	50	88%
1,4-Dichlorobenzene	42	ug/L	50	84%
1,2-Dichlorobenzene	42	ug/L	50	84%
n-Butylbenzene	45	ug/L	50	90%
1,2-Dibromo-3-chloropropane	54	ug/L	50	108%
1,2,4-Trichlorobenzene	44	ug/L	50	88%
Hexachlorobutadiene	41	ug/L	50	82%
Naphthalene	40	ug/L	50	80%
1,2,3-Trichlorobenzene	43	ug/L	50	86%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	47	ug/L	50	94%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	46	ug/L	50	92%
Bromofluorobenzene	48	ug/L	50	96%

% Solids	84.50%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2406
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: **R-1-3-4-S (A191)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	650	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: R-1-3-4-S (A191)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	40	50	80%
1,2-Dichloroethane d4	39	50	78%
Toluene d8	48	50	96%
Bromofluorobenzene	41	50	82%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2407
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: **R-1-7-4-S (A192)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	610	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: R-1-7-4-S (A192)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1, 1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	56	50	112%
1,2-Dichloroethane d4	50	50	100%
Toluene d8	41	50	82%
Bromofluorobenzene	54	50	108%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2408
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: T-1-4-S (A193)
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	75	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: T-1-4-S (A193)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates	Spike Amount	%Rec
Dibromofluoromethane	50	0%
1,2-Dichloroethane d4	50	0%
Toluene d8	50	0%
Bromofluorobenzene	50	0%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2412
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: T-1-6-S (A194)
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	ND	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: T-1-6-S (A194)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	50	50	100%
1,2-Dichloroethane d4	43	50	86%
Toluene d8	48	50	96%
Bromofluorobenzene	46	50	92%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2413
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: **R-1-15-4-S (A195)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	76	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	440	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: R-1-15-4-S (A195)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	58	50	116%
1,2-Dichloroethane d4	51	50	102%
Toluene d8	53	50	106%
Bromofluorobenzene	49	50	98%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2414
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: **T-1-7-S (A196)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	ND	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
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Sample ID: T-1-7-S (A196)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates			Spike Amount	%Rec
Dibromofluoromethane	71		50	142%
1,2-Dichloroethane d4	67		50	134%
Toluene d8	59		50	118%
Bromofluorobenzene	54		50	108%
% Solids	100.00%			
Dilution Factor	50			
Soil Weight Preserved	10.0	gm		
MeOH Volume	10	mL		

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2439
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: T-1-7-S (A196) RERUN
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	ND	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: T-1-7-S (A196) RERUN

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	52	50	104%
1,2-Dichloroethane d4	46	50	92%
Toluene d8	53	50	106%
Bromofluorobenzene	51	50	102%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2415
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: **R-1-0-0-S (A197)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	56	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	630	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
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Sample ID: R-1-0-0-S (A197)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	54	50	108%
1,2-Dichloroethane d4	48	50	96%
Toluene d8	56	50	112%
Bromofluorobenzene	49	50	98%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2416
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: **T-1-5-S (A198)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	100	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: T-1-5-S (A198)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	52	50	104%
1,2-Dichloroethane d4	46	50	92%
Toluene d8	56	50	112%
Bromofluorobenzene	53	50	106%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2430
Analysis Date: 28-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: **R-1-3-8-S (A207)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	82	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	850	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: R-1-3-8-S (A207)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	40	50	80%
1,2-Dichloroethane d4	37	50	74%
Toluene d8	44	50	88%
Bromofluorobenzene	37	50	74%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2441
Analysis Date: 28-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: **R-1-3-8-S (A207) RERUN**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	67	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	860	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
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Sample ID: R-1-3-8-S (A207) RERUN

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	42	50	84%
1,2-Dichloroethane d4	46	50	92%
Toluene d8	44	50	88%
Bromofluorobenzene	39	50	78%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2431
Analysis Date: 28-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: **R-1-7-8-S (A208)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	270	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: R-1-7-8-S (A208)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	42	50	84%
Toluene d8	50	50	100%
Bromofluorobenzene	46	50	92%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2442
Analysis Date: 29-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: **R-1-15-8-S (A209)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	56	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	470	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: R-1-15-8-S (A209)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	41	50	82%
1,2-Dichloroethane d4	45	50	90%
Toluene d8	40	50	80%
Bromofluorobenzene	40	50	80%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2443
Analysis Date: 29-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: **R-1-0-24-S (A210)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	290	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

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Sample ID: R-1-0-24-S (A210)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	48	50	96%
1,2-Dichloroethane d4	57	50	114%
Toluene d8	52	50	104%
Bromofluorobenzene	46	50	92%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2444
Analysis Date: 29-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: **R-1-3-24-S (A211)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	290	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
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Sample ID: R-1-3-24-S (A211)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates			Spike Amount	%Rec
Dibromofluoromethane	49		50	98%
1,2-Dichloroethane d4	55		50	110%
Toluene d8	52		50	104%
Bromofluorobenzene	47		50	94%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2445
Analysis Date: 29-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: **R-1-7-24-S (A212)**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	100	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	370	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
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Sample ID: R-1-7-24-S (A212)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	54	50	108%
1,2-Dichloroethane d4	60	50	120%
Toluene d8	52	50	104%
Bromofluorobenzene	51	50	102%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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IT Group, Inc.	**Data file:** B2446
1499 Chester Road	**Analysis Date:** 29-Oct-99
Cincinnati, Ohio 45246	**Preserv. Date:** 28-Oct-99
ATTN: Mr. Chris Norman	**Operator:** JMK
	Sample ID: R-1-15-24-S (A213)
Project #: NAL99084	**Matrix:** Soil
Project Site: Wright Patterson AFB	**Date Sampled:** 27-Oct-99
	Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	330	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: R-1-15-24-S (A213)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	45	50	90%
1,2-Dichloroethane d4	51	50	102%
Toluene d8	42	50	84%
Bromofluorobenzene	42	50	84%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2447
Analysis Date: 29-Oct-99
Preserv. Date: 28-Oct-99
Operator: JMK
Sample ID: R-1-0-24Q-S (A214)
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	250
Chloromethane	ND	ug/Kg	250
Vinyl chloride	ND	ug/Kg	100
Bromomethane	ND	ug/Kg	250
Trichlorofluoromenthane	ND	ug/Kg	250
Chloroethane	ND	ug/Kg	250
1,1-Dichloroethene	ND	ug/Kg	50
Methylene chloride	ND	ug/Kg	250
trans-1,2-Dichloroethene	ND	ug/Kg	50
1,1-Dichloroethane	ND	ug/Kg	50
cis-1,2-Dichloroethene	ND	ug/Kg	50
Bromochloromethane	ND	ug/Kg	100
Chloroform	ND	ug/Kg	50
1,1,1-Trichloroethane	ND	ug/Kg	50
Carbon tetrachloride	ND	ug/Kg	50
1,1-Dichloropropene	ND	ug/Kg	50
Benzene	ND	ug/Kg	50
1,2-Dichloroethane	ND	ug/Kg	50
Trichloroethene	300	ug/Kg	50
1,2-Dichloropropane	ND	ug/Kg	50
Dibromomethane	ND	ug/Kg	100
Bromodichloromethane	ND	ug/Kg	100
cis-1,3-Dichloropropene	ND	ug/Kg	50
Toluene	ND	ug/Kg	50
trans-1,3-Dichloropropene	ND	ug/Kg	50
1,1,2-Trichloroethane	ND	ug/Kg	50
Tetrachloroethene	ND	ug/Kg	50
1,3-Dichloropropane	ND	ug/Kg	50
Dibromochloromethane	ND	ug/Kg	100
1,2-Dibromoethane	ND	ug/Kg	50
Chlorobenzene	ND	ug/Kg	50
1,1,1,2-Tetrachlorethane	ND	ug/Kg	100
Ethylbenzene	ND	ug/Kg	50
m & p-Xylene	ND	ug/Kg	100
o-Xylene	ND	ug/Kg	50

Continued

New Age/Landmark
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Sample ID: R-1-0-24Q-S (A214)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	50
Bromoform	ND	ug/Kg	100
Isopropylbenzene	ND	ug/Kg	100
Bromobenzene	ND	ug/Kg	100
1,1,2,2-Tetrachloroethane	ND	ug/Kg	100
1,2,3-Trichloropropane	ND	ug/Kg	100
n-Propylbenzene	ND	ug/Kg	100
2-Chlorotoluene	ND	ug/Kg	100
4-Chlorotoluene	ND	ug/Kg	100
1,3,5-Trimethylbenzene	ND	ug/Kg	100
tert-Butylbenzene	ND	ug/Kg	100
1,2,4-Trimethylbenzene	ND	ug/Kg	100
sec-Butylbenzene	ND	ug/Kg	100
1,3-Dichlorobenzene	ND	ug/Kg	100
p-Isopropyltoluene	ND	ug/Kg	100
1,4-Dichlorobenzene	ND	ug/Kg	100
1,2-Dichlorobenzene	ND	ug/Kg	100
n-Butylbenzene	ND	ug/Kg	100
1,2-Dibromo-3-chloropropane	ND	ug/Kg	250
1,2,4-Trichlorobenzene	ND	ug/Kg	250
Hexachlorobutadiene	ND	ug/Kg	250
Naphthalene	ND	ug/Kg	250
1,2,3-Trichlorobenzene	ND	ug/Kg	250
Acetone (b)	ND	ug/Kg	250
Methyl Ethyl Ketone (b)	ND	ug/Kg	250

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	54	50	108%
1,2-Dichloroethane d4	51	50	102%
Toluene d8	50	50	100%
Bromofluorobenzene	52	50	104%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2432
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: R-1-7-8-S (A208) MS
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	41	ug/L	50	82%
Chloromethane	59	ug/L	50	118%
Vinyl chloride	58	ug/L	50	116%
Bromomethane	19	ug/L	50	38%
Trichlorofluoromenthane	35	ug/L	50	70%
Chloroethane	51	ug/L	50	102%
1,1-Dichloroethene	54	ug/L	50	108%
Methylene chloride	59	ug/L	50	118%
trans-1,2-Dichloroethene	56	ug/L	50	112%
1,1-Dichloroethane	61	ug/L	50	122%
cis-1,2-Dichloroethene	57	ug/L	50	114%
Bromochloromethane	60	ug/L	50	120%
Chloroform	58	ug/L	50	116%
1,1,1-Trichloroethane	66	ug/L	50	132%
Carbon tetrachloride	61	ug/L	50	122%
1,1-Dichloropropene	57	ug/L	50	114%
Benzene	55	ug/L	50	110%
1,2-Dichloroethane	53	ug/L	50	106%
Trichloroethene	62	ug/L	50	113%
1,2-Dichloropropane	55	ug/L	50	110%
Dibromomethane	49	ug/L	50	98%
Bromodichloromethane	56	ug/L	50	112%
cis-1,3-Dichloropropene	59	ug/L	50	118%
Toluene	60	ug/L	50	120%
trans-1,3-Dichloropropene	58	ug/L	50	116%
1,1,2-Trichloroethane	45	ug/L	50	90%
Tetrachloroethene	59	ug/L	50	118%
1,3-Dichloropropane	49	ug/L	50	98%
Dibromochloromethane	50	ug/L	50	100%
1,2-Dibromoethane	50	ug/L	50	100%
Chlorobenzene	56	ug/L	50	112%
1,1,1,2-Tetrachlorethane	50	ug/L	50	100%
Ethylbenzene	59	ug/L	50	118%
m & p-Xylene	120	ug/L	100	120%
o-Xylene	57	ug/L	50	114%

Continued

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Sample ID: R-1-7-8-S (A208) MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	53	ug/L	50	106%
Bromoform	41	ug/L	50	82%
Isopropylbenzene	60	ug/L	50	120%
Bromobenzene	49	ug/L	50	98%
1,1,2,2-Tetrachloroethane	42	ug/L	50	84%
1,2,3-Trichloropropane	40	ug/L	50	80%
n-Propylbenzene	58	ug/L	50	116%
2-Chlorotoluene	57	ug/L	50	114%
4-Chlorotoluene	55	ug/L	50	110%
1,3,5-Trimethylbenzene	59	ug/L	50	118%
tert-Butylbenzene	58	ug/L	50	116%
1,2,4-Trimethylbenzene	57	ug/L	50	114%
sec-Butylbenzene	57	ug/L	50	114%
1,3-Dichlorobenzene	50	ug/L	50	100%
p-Isopropyltoluene	57	ug/L	50	114%
1,4-Dichlorobenzene	49	ug/L	50	98%
1,2-Dichlorobenzene	47	ug/L	50	94%
n-Butylbenzene	58	ug/L	50	116%
1,2-Dibromo-3-chloropropane	51	ug/L	50	102%
1,2,4-Trichlorobenzene	45	ug/L	50	90%
Hexachlorobutadiene	46	ug/L	50	92%
Naphthalene	39	ug/L	50	78%
1,2,3-Trichlorobenzene	45	ug/L	50	90%
Acetone (b)	49	ug/L	50	98%
Methyl Ethyl Ketone (b)	NA	ug/L	50	

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	56	ug/L	50	112%
1,2-Dichloroethane d4	45	ug/L	50	90%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	48	ug/L	50	96%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2433
Analysis Date: 28-Oct-99
Preserv. Date: 27-Oct-99
Operator: JMK
Sample ID: **R-1-7-8-S (A208) MSD**
Matrix: Soil
Date Sampled: 27-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Dichlorofluoromethane	33	ug/L	50	66%	-22%
Chloromethane	52	ug/L	50	104%	-13%
Vinyl chloride	52	ug/L	50	104%	-11%
Bromomethane	19	ug/L	50	38%	0%
Trichlorofluoromenthane	44	ug/L	50	88%	23%
Chloroethane	43	ug/L	50	86%	-17%
1,1-Dichloroethene	50	ug/L	50	100%	-8%
Methylene chloride	49	ug/L	50	98%	-19%
trans-1,2-Dichloroethene	56	ug/L	50	112%	0%
1,1-Dichloroethane	61	ug/L	50	122%	0%
cis-1,2-Dichloroethene	58	ug/L	50	116%	2%
Bromochloromethane	59	ug/L	50	118%	-2%
Chloroform	58	ug/L	50	116%	0%
1,1,1-Trichloroethane	66	ug/L	50	132%	0%
Carbon tetrachloride	61	ug/L	50	122%	0%
1,1-Dichloropropene	59	ug/L	50	118%	3%
Benzene	57	ug/L	50	114%	4%
1,2-Dichloroethane	51	ug/L	50	102%	-4%
Trichloroethene	63	ug/L	50	115%	2%
1,2-Dichloropropane	54	ug/L	50	108%	-2%
Dibromomethane	47	ug/L	50	94%	-4%
Bromodichloromethane	54	ug/L	50	108%	-4%
cis-1,3-Dichloropropene	60	ug/L	50	120%	2%
Toluene	65	ug/L	50	130%	8%
trans-1,3-Dichloropropene	56	ug/L	50	112%	-4%
1,1,2-Trichloroethane	47	ug/L	50	94%	4%
Tetrachloroethene	63	ug/L	50	126%	7%
1,3-Dichloropropane	48	ug/L	50	96%	-2%
Dibromochloromethane	49	ug/L	50	98%	-2%
1,2-Dibromoethane	48	ug/L	50	96%	-4%
Chlorobenzene	61	ug/L	50	122%	9%
1,1,1,2-Tetrachlorethane	54	ug/L	50	108%	8%
Ethylbenzene	64	ug/L	50	128%	8%
m & p-Xylene	126	ug/L	100	126%	5%
o-Xylene	60	ug/L	50	120%	5%

Continued

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Sample ID: R-1-7-8-S (A208) MSD

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Styrene	56	ug/L	50	112%	6%
Bromoform	42	ug/L	50	84%	2%
Isopropylbenzene	63	ug/L	50	126%	5%
Bromobenzene	51	ug/L	50	102%	4%
1,1,2,2-Tetrachloroethane	44	ug/L	50	88%	5%
1,2,3-Trichloropropane	41	ug/L	50	82%	2%
n-Propylbenzene	59	ug/L	50	118%	2%
2-Chlorotoluene	58	ug/L	50	116%	2%
4-Chlorotoluene	56	ug/L	50	112%	2%
1,3,5-Trimethylbenzene	59	ug/L	50	118%	0%
tert-Butylbenzene	60	ug/L	50	120%	3%
1,2,4-Trimethylbenzene	58	ug/L	50	116%	2%
sec-Butylbenzene	58	ug/L	50	116%	2%
1,3-Dichlorobenzene	52	ug/L	50	104%	4%
p-Isopropyltoluene	58	ug/L	50	116%	2%
1,4-Dichlorobenzene	52	ug/L	50	104%	6%
1,2-Dichlorobenzene	47	ug/L	50	94%	0%
n-Butylbenzene	55	ug/L	50	110%	-5%
1,2-Dibromo-3-chloropropane	47	ug/L	50	94%	-8%
1,2,4-Trichlorobenzene	44	ug/L	50	88%	-2%
Hexachlorobutadiene	49	ug/L	50	98%	6%
Naphthalene	65	ug/L	50	130%	50%
1,2,3-Trichlorobenzene	44	ug/L	50	88%	-2%
Acetone (b)	42	ug/L	50	84%	-15%
Methyl Ethyl Ketone (b)	NA	ug/L	50		

Surrogates			Spike Amount	% Rec	% RSD
Dibromofluoromethane	50	ug/L	50	100%	-11%
1,2-Dichloroethane d4	40	ug/L	50	80%	-12%
Toluene d8	53	ug/L	50	106%	4%
Bromofluorobenzene	48	ug/L	50	96%	0%

% Solids	100.00%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

All results reported on wet weight basis.
(a) Reporting Limit is adjusted for the dilution factor.
(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2081
Analysis Date: 29-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB01-GW01 (A003)**
Matrix: Water
Date Sampled: 28-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	82	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.9	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	11	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	6.2	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB01-GW01 (A003)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	48	ug/L	50	96%
1,2-Dichloroethane d4	41	ug/L	50	82%
Toluene d8	60	ug/L	50	120%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2082
Analysis Date: 29-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB02-GW01 (A006)**
Matrix: Water
Date Sampled: 28-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	58	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	3.8	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
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Sample ID: SB02-GW01 (A006)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	47	ug/L	50	94%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	56	ug/L	50	112%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2083
Analysis Date: 29-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: SB02-GW02 (A007)
Matrix: Water
Date Sampled: 28-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	26	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	2.3	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB02-GW02 (A007)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	46	ug/L	50	92%
1,2-Dichloroethane d4	41	ug/L	50	82%
Toluene d8	57	ug/L	50	114%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2084
Analysis Date: 29-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: SB03-GW01 (A010)
Matrix: Water
Date Sampled: 28-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	10	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	3.9	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB03-GW01 (A010)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	47	ug/L	50	94%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2085
Analysis Date: 29-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB04-GW01 (A013)**
Matrix: Water
Date Sampled: 29-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	36	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.7	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	3.9	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB04-GW01 (A013)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	39	ug/L	50	78%
1,2-Dichloroethane d4	34	ug/L	50	68%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	37	ug/L	50	74%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2110
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB08 GW01 (A027)**
Matrix: Water
Date Sampled: 29-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	23	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	38	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	540 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	23	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB08 GW01 (A027)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	44	ug/L	50	88%
1,2-Dichloroethane d4	39	ug/L	50	78%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	43	ug/L	50	86%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

ITGroup, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2112
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB08 GW01 (A027) DIL**
Matrix: Water
Date Sampled: 29-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	21	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	36	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	520	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	23	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB08 GW01 (A027) DIL

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	44	ug/L	50	88%
1,2-Dichloroethane d4	39	ug/L	50	78%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	43	ug/L	50	86%

Dilution Factor 5

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2113
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: SB05 GW01 (A017)
Matrix: Water
Date Sampled: 29-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	7.9	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	4.5	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	24	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB05 GW01 (A017)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	44	ug/L	50	88%
1,2-Dichloroethane d4	39	ug/L	50	78%
Toluene d8	39	ug/L	50	78%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2122
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB10 GW01 (A033)**
Matrix: Water
Date Sampled: 30-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	54	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	1.9	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	101	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	460 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	60	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: SB05 GW51 (A018)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2129
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB10 GW01 (A033) DIL**
Matrix: Water
Date Sampled: 30-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	49	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	100	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	440	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	55	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2125
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: SB11 GW01 (A036)
Matrix: Water
Date Sampled: 30-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	2.2	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.5	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	4.5	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2116
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: SB07 GW01 (A024)
Matrix: Water
Date Sampled: 29-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	30	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	19	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	94	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	5	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2117
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB09 GW01 (A030)**
Matrix: Water
Date Sampled: 30-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	9.6	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	4	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	14	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

092999 & 093099 waters

New Age/Landmark
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Sample ID: SB09 GW01 (A030)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	41	ug/L	50	82%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2122
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB10 GW01 (A033)**
Matrix: Water
Date Sampled: 30-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	54	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	1.9	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	101	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	460 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	60	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: SB10 GW01 (A033)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	46	ug/L	50	92%
1,2-Dichloroethane d4	42	ug/L	50	84%
Toluene d8	54	ug/L	50	108%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2129
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB10 GW01 (A033) DIL**
Matrix: Water
Date Sampled: 30-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	49	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	100	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	440	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	55	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

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Sample ID: SB10 GW01 (A033) DIL

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	42	ug/L	50	84%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 5

(a) Reporting Limit is adjusted for the dilution factor.

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2125
Analysis Date: 30-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: **SB11 GW01 (A036)**
Matrix: Water
Date Sampled: 30-Sep-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	2.2	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.5	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	4.5	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: SB11 GW01 (A036)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	39	ug/L	50	78%
Toluene d8	47	ug/L	50	94%
Bromofluorobenzene	42	ug/L	50	84%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2077
Analysis Date: 29-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: Method Blank
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: Method Blank

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	54	ug/L	50	108%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2078
Analysis Date: 29-Sep-99
Extraction Date: NA
Operator: GHP
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	52	ug/L	50	104%
Chloromethane	46	ug/L	50	92%
Vinyl chloride	43	ug/L	50	86%
Bromomethane	57	ug/L	50	114%
Trichlorofluoromenthane	54	ug/L	50	108%
Chloroethane	292	ug/L	50	584%
1,1-Dichloroethene	55	ug/L	50	110%
Methylene chloride	47	ug/L	50	94%
trans-1,2-Dichloroethene	53	ug/L	50	106%
1,1-Dichloroethane	49	ug/L	50	98%
cis-1,2-Dichloroethene	70	ug/L	50	140%
Bromochloromethane	71	ug/L	50	142%
Chloroform	61	ug/L	50	122%
1,1,1-Trichloroethane	55	ug/L	50	110%
Carbon tetrachloride	60	ug/L	50	120%
1,1-Dichloropropene	50	ug/L	50	100%
Benzene	50	ug/L	50	100%
1,2-Dichloroethane	43	ug/L	50	86%
Trichloroethene	51	ug/L	50	102%
1,2-Dichloropropane	44	ug/L	50	88%
Dibromomethane	40	ug/L	50	80%
Bromodichloromethane	55	ug/L	50	110%
cis-1,3-Dichloropropene	47	ug/L	50	94%
Toluene	56	ug/L	50	112%
trans-1,3-Dichloropropene	39	ug/L	50	78%
1,1,2-Trichloroethane	41	ug/L	50	82%
Tetrachloroethene	64	ug/L	50	128%
1,3-Dichloropropane	41	ug/L	50	82%
Dibromochloromethane	50	ug/L	50	100%
1,2-Dibromoethane	38	ug/L	50	76%
Chlorobenzene	48	ug/L	50	96%
1,1,1,2-Tetrachlorethane	51	ug/L	50	102%
Ethylbenzene	52	ug/L	50	104%
m & p-Xylene	102	ug/L	100	102%
o-Xylene	50	ug/L	50	100%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	43	ug/L	50	86%
Bromoform	43	ug/L	50	86%
Isopropylbenzene	52	ug/L	50	104%
Bromobenzene	51	ug/L	50	102%
1,1,2,2-Tetrachloroethane	29	ug/L	50	58%
1,2,3-Trichloropropane	28	ug/L	50	56%
n-Propylbenzene	51	ug/L	50	102%
2-Chlorotoluene	50	ug/L	50	100%
4-Chlorotoluene	48	ug/L	50	96%
1,3,5-Trimethylbenzene	51	ug/L	50	102%
tert-Butylbenzene	55	ug/L	50	110%
1,2,4-Trimethylbenzene	50	ug/L	50	100%
sec-Butylbenzene	48	ug/L	50	96%
1,3-Dichlorobenzene	53	ug/L	50	106%
p-Isopropyltoluene	56	ug/L	50	112%
1,4-Dichlorobenzene	53	ug/L	50	106%
1,2-Dichlorobenzene	49	ug/L	50	98%
n-Butylbenzene	53	ug/L	50	106%
1,2-Dibromo-3-chloropropane	25	ug/L	50	50%
1,2,4-Trichlorobenzene	49	ug/L	50	98%
Hexachlorobutadiene	62	ug/L	50	124%
Naphthalene	21	ug/L	50	42%
1,2,3-Trichlorobenzene	39	ug/L	50	78%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	51	ug/L	50	102%
1,2-Dichloroethane d4	44	ug/L	50	88%
Toluene d8	55	ug/L	50	110%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B1579
Analysis Date: 10-Jul-99
Extraction Date: NA
Operator: GHP/LJ
Sample ID: LCS @ 50 NG
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	37	ug/L	50	74%
Chloromethane	42	ug/L	50	84%
Vinyl chloride	42	ug/L	50	84%
Bromomethane	33	ug/L	50	66%
Trichlorofluoromenthane	33	ug/L	50	66%
Chloroethane	32	ug/L	50	64%
1,1-Dichloroethene	33	ug/L	50	66%
Methylene chloride	38	ug/L	50	76%
trans-1,2-Dichloroethene	40	ug/L	50	80%
1,1-Dichloroethane	40	ug/L	50	80%
cis-1,2-Dichloroethene	33	ug/L	50	66%
Bromochloromethane	37	ug/L	50	74%
Chloroform	44	ug/L	50	88%
1,1,1-Trichloroethane	40	ug/L	50	80%
Carbon tetrachloride	35	ug/L	50	70%
1,1-Dichloropropene	45	ug/L	50	90%
Benzene	35	ug/L	50	70%
1,2-Dichloroethane	44	ug/L	50	88%
Trichloroethene	41	ug/L	50	82%
1,2-Dichloropropane	37	ug/L	50	74%
Dibromomethane	43	ug/L	50	86%
Bromodichloromethane	39	ug/L	50	78%
cis-1,3-Dichloropropene	45	ug/L	50	90%
Toluene	42	ug/L	50	84%
trans-1,3-Dichloropropene	46	ug/L	50	92%
1,1,2-Trichloroethane	43	ug/L	50	86%
Tetrachloroethene	61	ug/L	50	122%
1,3-Dichloropropane	44	ug/L	50	88%
Dibromochloromethane	52	ug/L	50	104%
1,2-Dibromoethane	50	ug/L	50	100%
Chlorobenzene	41	ug/L	50	82%
1,1,1,2-Tetrachlorethane	42	ug/L	50	84%
Ethylbenzene	38	ug/L	50	76%
m & p-Xylene	77	ug/L	100	77%
o-Xylene	38	ug/L	50	76%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: LCS @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	40	ug/L	50	80%
Bromoform	52	ug/L	50	104%
Isopropylbenzene	39	ug/L	50	78%
Bromobenzene	48	ug/L	50	96%
1,1,2,2-Tetrachloroethane	39	ug/L	50	78%
1,2,3-Trichloropropane	36	ug/L	50	72%
n-Propylbenzene	37	ug/L	50	74%
2-Chlorotoluene	38	ug/L	50	76%
4-Chlorotoluene	39	ug/L	50	78%
1,3,5-Trimethylbenzene	42	ug/L	50	84%
tert-Butylbenzene	43	ug/L	50	86%
1,2,4-Trimethylbenzene	41	ug/L	50	82%
sec-Butylbenzene	34	ug/L	50	68%
1,3-Dichlorobenzene	51	ug/L	50	102%
p-Isopropyltoluene	44	ug/L	50	88%
1,4-Dichlorobenzene	48	ug/L	50	96%
1,2-Dichlorobenzene	49	ug/L	50	98%
n-Butylbenzene	37	ug/L	50	74%
1,2-Dibromo-3-chloropropane	40	ug/L	50	80%
1,2,4-Trichlorobenzene	60	ug/L	50	120%
Hexachlorobutadiene	53	ug/L	50	106%
Naphthalene	50	ug/L	50	100%
1,2,3-Trichlorobenzene	63	ug/L	50	126%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	54	ug/L	50	108%
1,2-Dichloroethane d4	37	ug/L	50	74%
Toluene d8	47	ug/L	50	94%
Bromofluorobenzene	41	ug/L	50	82%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cinninati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B1601
Analysis Date: 10-Jul-99
Extraction Date: NA
Operator: GHP/LJ
Sample ID: **GP-13 (A0027) MS**
Matrix: Water
Date Sampled: 9-Jul-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	32	ug/L	50	64%
Chloromethane	32	ug/L	50	64%
Vinyl chloride	35	ug/L	50	70%
Bromomethane	27	ug/L	50	54%
Trichlorofluoromenthane	39	ug/L	50	78%
Chloroethane	35	ug/L	50	70%
1,1-Dichloroethene	41	ug/L	50	82%
Methylene chloride	49	ug/L	50	98%
trans-1,2-Dichloroethene	46	ug/L	50	92%
1,1-Dichloroethane	40	ug/L	50	80%
cis-1,2-Dichloroethene	49	ug/L	50	98%
Bromochloromethane	40	ug/L	50	80%
Chloroform	59	ug/L	50	118%
1,1,1-Trichloroethane	57	ug/L	50	114%
Carbon tetrachloride	47	ug/L	50	94%
1,1-Dichloropropene	46	ug/L	50	92%
Benzene	42	ug/L	50	84%
1,2-Dichloroethane	41	ug/L	50	82%
Trichloroethene	44	ug/L	50	88%
1,2-Dichloropropane	40	ug/L	50	80%
Dibromomethane	45	ug/L	50	90%
Bromodichloromethane	30	ug/L	50	60%
cis-1,3-Dichloropropene	34	ug/L	50	68%
Toluene	38	ug/L	50	76%
trans-1,3-Dichloropropene	35	ug/L	50	70%
1,1,2-Trichloroethane	35	ug/L	50	70%
Tetrachloroethene	54	ug/L	50	108%
1,3-Dichloropropane	36	ug/L	50	72%
Dibromochloromethane	39	ug/L	50	78%
1,2-Dibromoethane	42	ug/L	50	84%
Chlorobenzene	42	ug/L	50	84%
1,1,1,2-Tetrachlorethane	44	ug/L	50	88%
Ethylbenzene	39	ug/L	50	78%
m & p-Xylene	79	ug/L	100	79%
o-Xylene	39	ug/L	50	78%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: GP-13 (A0027) MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	40	ug/L	50	80%
Bromoform	47	ug/L	50	94%
Isopropylbenzene	41	ug/L	50	82%
Bromobenzene	53	ug/L	50	106%
1,1,2,2-Tetrachloroethane	37	ug/L	50	74%
1,2,3-Trichloropropane	37	ug/L	50	74%
n-Propylbenzene	38	ug/L	50	76%
2-Chlorotoluene	39	ug/L	50	78%
4-Chlorotoluene	40	ug/L	50	80%
1,3,5-Trimethylbenzene	44	ug/L	50	88%
tert-Butylbenzene	44	ug/L	50	88%
1,2,4-Trimethylbenzene	43	ug/L	50	86%
sec-Butylbenzene	35	ug/L	50	70%
1,3-Dichlorobenzene	53	ug/L	50	106%
p-Isopropyltoluene	45	ug/L	50	90%
1,4-Dichlorobenzene	52	ug/L	50	104%
1,2-Dichlorobenzene	52	ug/L	50	104%
n-Butylbenzene	37	ug/L	50	74%
1,2-Dibromo-3-chloropropane	38	ug/L	50	76%
1,2,4-Trichlorobenzene	63	ug/L	50	126%
Hexachlorobutadiene	57	ug/L	50	114%
Naphthalene	49	ug/L	50	98%
1,2,3-Trichlorobenzene	65	ug/L	50	130%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	60	ug/L	50	120%
1,2-Dichloroethane d4	38	ug/L	50	76%
Toluene d8	41	ug/L	50	82%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B1600
Analysis Date: 10-Jul-99
Extraction Date: NA
Operator: GPHP/LJ
Sample ID: **GP-13 (A0027) MSD**
Matrix: Water
Date Sampled: 9-Jul-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Dichlorofluoromethane	33	ug/L	50	66%	3%
Chloromethane	31	ug/L	50	62%	-3%
Vinyl chloride	34	ug/L	50	68%	-3%
Bromomethane	29	ug/L	50	58%	7%
Trichlorofluoromenthane	43	ug/L	50	86%	10%
Chloroethane	35	ug/L	50	70%	0%
1,1-Dichloroethene	43	ug/L	50	86%	5%
Methylene chloride	55	ug/L	50	110%	12%
trans-1,2-Dichloroethene	47	ug/L	50	94%	2%
1,1-Dichloroethane	43	ug/L	50	86%	7%
cis-1,2-Dichloroethene	55	ug/L	50	110%	12%
Bromochloromethane	49	ug/L	50	98%	20%
Chloroform	67	ug/L	50	134%	13%
1,1,1-Trichloroethane	60	ug/L	50	120%	5%
Carbon tetrachloride	50	ug/L	50	100%	6%
1,1-Dichloropropene	49	ug/L	50	98%	6%
Benzene	45	ug/L	50	90%	7%
1,2-Dichloroethane	50	ug/L	50	100%	20%
Trichloroethene	50	ug/L	50	100%	13%
1,2-Dichloropropane	44	ug/L	50	88%	10%
Dibromomethane	56	ug/L	50	112%	22%
Bromodichloromethane	32	ug/L	50	64%	6%
cis-1,3-Dichloropropene	36	ug/L	50	72%	6%
Toluene	37	ug/L	50	74%	-3%
trans-1,3-Dichloropropene	36	ug/L	50	72%	3%
1,1,2-Trichloroethane	40	ug/L	50	80%	13%
Tetrachloroethene	54	ug/L	50	108%	0%
1,3-Dichloropropane	41	ug/L	50	82%	13%
Dibromochloromethane	43	ug/L	50	86%	10%
1,2-Dibromoethane	47	ug/L	50	94%	11%
Chlorobenzene	45	ug/L	50	90%	7%
1,1,1,2-Tetrachlorethane	47	ug/L	50	94%	7%
Ethylbenzene	40	ug/L	50	80%	3%
m & p-Xylene	83	ug/L	100	83%	5%
o-Xylene	42	ug/L	50	84%	7%

Continued

092999 & 093099 waters

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: GP-13 (A0027) MSD

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Styrene	44	ug/L	50	88%	10%
Bromoform	53	ug/L	50	106%	12%
Isopropylbenzene	42	ug/L	50	84%	2%
Bromobenzene	60	ug/L	50	120%	12%
1,1,2,2-Tetrachloroethane	45	ug/L	50	90%	20%
1,2,3-Trichloropropane	47	ug/L	50	94%	24%
n-Propylbenzene	40	ug/L	50	80%	5%
2-Chlorotoluene	42	ug/L	50	84%	7%
4-Chlorotoluene	43	ug/L	50	86%	7%
1,3,5-Trimethylbenzene	47	ug/L	50	94%	7%
tert-Butylbenzene	47	ug/L	50	94%	7%
1,2,4-Trimethylbenzene	46	ug/L	50	92%	7%
sec-Butylbenzene	38	ug/L	50	76%	8%
1,3-Dichlorobenzene	60	ug/L	50	120%	12%
p-Isopropyltoluene	48	ug/L	50	96%	6%
1,4-Dichlorobenzene	60	ug/L	50	120%	14%
1,2-Dichlorobenzene	61	ug/L	50	122%	16%
n-Butylbenzene	39	ug/L	50	78%	5%
1,2-Dibromo-3-chloropropane	42	ug/L	50	84%	10%
1,2,4-Trichlorobenzene	74	ug/L	50	148%	16%
Hexachlorobutadiene	65	ug/L	50	130%	13%
Naphthalene	62	ug/L	50	124%	23%
1,2,3-Trichlorobenzene	80	ug/L	50	160%	21%

Surrogates			Spike Amount	% Rec	% RSD
Dibromofluoromethane	51	ug/L	50	102%	-16%
1,2-Dichloroethane d4	48	ug/L	50	96%	23%
Toluene d8	47	ug/L	50	94%	14%
Bromofluorobenzene	48	ug/L	50	96%	6%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2142
Analysis Date: 4-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB SB13 GW01 (A048)**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	24	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	7.6	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB SB13 GW01 (A048)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	48	ug/L	50	96%
1,2-Dichloroethane d4	49	ug/L	50	98%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2140
Analysis Date: 4-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-S11-MW07-GW01 (A039) 10:1**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	50
Chloromethane	ND	ug/L	50
Vinyl chloride	ND	ug/L	20
Bromomethane	ND	ug/L	50
Trichlorofluoromenthane	ND	ug/L	50
Chloroethane	ND	ug/L	50
1,1-Dichloroethene	ND	ug/L	10
Methylene chloride	ND	ug/L	50
trans-1,2-Dichloroethene	110	ug/L	10
1,1-Dichloroethane	ND	ug/L	10
cis-1,2-Dichloroethene	1900	ug/L	10
Bromochloromethane	ND	ug/L	20
Chloroform	ND	ug/L	10
1,1,1-Trichloroethane	ND	ug/L	10
Carbon tetrachloride	ND	ug/L	10
1,1-Dichloropropene	ND	ug/L	10
Benzene	ND	ug/L	10
1,2-Dichloroethane	ND	ug/L	10
Trichloroethene	5300 E	ug/L	10
1,2-Dichloropropane	ND	ug/L	10
Dibromomethane	ND	ug/L	20
Bromodichloromethane	ND	ug/L	20
cis-1,3-Dichloropropene	ND	ug/L	10
Toluene	ND	ug/L	10
trans-1,3-Dichloropropene	ND	ug/L	10
1,1,2-Trichloroethane	ND	ug/L	10
Tetrachloroethene	ND	ug/L	10
1,3-Dichloropropane	ND	ug/L	10
Dibromochloromethane	ND	ug/L	20
1,2-Dibromoethane	ND	ug/L	10
Chlorobenzene	ND	ug/L	10
1,1,1,2-Tetrachlorethane	ND	ug/L	20
Ethylbenzene	ND	ug/L	10
m & p-Xylene	ND	ug/L	20
o-Xylene	ND	ug/L	10

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-S11-MW07-GW01 (A039) 10:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	10
Bromoform	ND	ug/L	20
Isopropylbenzene	ND	ug/L	20
Bromobenzene	ND	ug/L	20
1,1,2,2-Tetrachloroethane	ND	ug/L	20
1,2,3-Trichloropropane	ND	ug/L	20
n-Propylbenzene	ND	ug/L	20
2-Chlorotoluene	ND	ug/L	20
4-Chlorotoluene	ND	ug/L	20
1,3,5-Trimethylbenzene	ND	ug/L	20
tert-Butylbenzene	ND	ug/L	20
1,2,4-Trimethylbenzene	ND	ug/L	20
sec-Butylbenzene	ND	ug/L	20
1,3-Dichlorobenzene	ND	ug/L	20
p-Isopropyltoluene	ND	ug/L	20
1,4-Dichlorobenzene	ND	ug/L	20
1,2-Dichlorobenzene	ND	ug/L	20
n-Butylbenzene	ND	ug/L	20
1,2-Dibromo-3-chloropropane	ND	ug/L	50
1,2,4-Trichlorobenzene	ND	ug/L	50
Hexachlorobutadiene	ND	ug/L	50
Naphthalene	ND	ug/L	50
1,2,3-Trichlorobenzene	ND	ug/L	50

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	47	ug/L	50	94%
1,2-Dichloroethane d4	49	ug/L	50	98%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor	10

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2143
Analysis Date: 4-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-S11-MW07-GW01 (A039) RE 100:1**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	500
Chloromethane	ND	ug/L	500
Vinyl chloride	ND	ug/L	200
Bromomethane	ND	ug/L	500
Trichlorofluoromenthane	ND	ug/L	500
Chloroethane	ND	ug/L	500
1,1-Dichloroethene	ND	ug/L	100
Methylene chloride	ND	ug/L	500
trans-1,2-Dichloroethene	130	ug/L	100
1,1-Dichloroethane	ND	ug/L	100
cis-1,2-Dichloroethene	2100	ug/L	100
Bromochloromethane	ND	ug/L	200
Chloroform	ND	ug/L	100
1,1,1-Trichloroethane	ND	ug/L	100
Carbon tetrachloride	ND	ug/L	100
1,1-Dichloropropene	ND	ug/L	100
Benzene	ND	ug/L	100
1,2-Dichloroethane	ND	ug/L	100
Trichloroethene	6100	ug/L	100
1,2-Dichloropropane	ND	ug/L	100
Dibromomethane	ND	ug/L	200
Bromodichloromethane	ND	ug/L	200
cis-1,3-Dichloropropene	ND	ug/L	100
Toluene	ND	ug/L	100
trans-1,3-Dichloropropene	ND	ug/L	100
1,1,2-Trichloroethane	ND	ug/L	100
Tetrachloroethene	ND	ug/L	100
1,3-Dichloropropane	ND	ug/L	100
Dibromochloromethane	ND	ug/L	200
1,2-Dibromoethane	ND	ug/L	100
Chlorobenzene	ND	ug/L	100
1,1,1,2-Tetrachlorethane	ND	ug/L	200
Ethylbenzene	ND	ug/L	100
m & p-Xylene	ND	ug/L	200
o-Xylene	ND	ug/L	100

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-S11-MW07-GW01 (A039) RE 100:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	100
Bromoform	ND	ug/L	200
Isopropylbenzene	ND	ug/L	200
Bromobenzene	ND	ug/L	200
1,1,2,2-Tetrachloroethane	ND	ug/L	200
1,2,3-Trichloropropane	ND	ug/L	200
n-Propylbenzene	ND	ug/L	200
2-Chlorotoluene	ND	ug/L	200
4-Chlorotoluene	ND	ug/L	200
1,3,5-Trimethylbenzene	ND	ug/L	200
tert-Butylbenzene	ND	ug/L	200
1,2,4-Trimethylbenzene	ND	ug/L	200
sec-Butylbenzene	ND	ug/L	200
1,3-Dichlorobenzene	ND	ug/L	200
p-Isopropyltoluene	ND	ug/L	200
1,4-Dichlorobenzene	ND	ug/L	200
1,2-Dichlorobenzene	ND	ug/L	200
n-Butylbenzene	ND	ug/L	200
1,2-Dibromo-3-chloropropane	ND	ug/L	500
1,2,4-Trichlorobenzene	ND	ug/L	500
Hexachlorobutadiene	ND	ug/L	500
Naphthalene	ND	ug/L	500
1,2,3-Trichlorobenzene	ND	ug/L	500

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	52	ug/L	50	104%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 100

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2147
Analysis Date: 4-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB-SB12-GW01 (A043)**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	24 X	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.6 X	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	17 X	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB-SB12-GW01 (A043)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	38	ug/L	50	76%
1,2-Dichloroethane d4	52	ug/L	50	104%
Toluene d8	69	ug/L	50	138%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2151
Analysis Date: 4-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB SB13 GW01 (A048) MS**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	52	ug/L	50	104%
Chloromethane	53	ug/L	50	106%
Vinyl chloride	86	ug/L	50	124%
Bromomethane	84	ug/L	50	168%
Trichlorofluoromenthane	62	ug/L	50	124%
Chloroethane	71	ug/L	50	142%
1,1-Dichloroethene	48	ug/L	50	96%
Methylene chloride	51	ug/L	50	102%
trans-1,2-Dichloroethene	48	ug/L	50	96%
1,1-Dichloroethane	51	ug/L	50	102%
cis-1,2-Dichloroethene	51	ug/L	50	87%
Bromochloromethane	42	ug/L	50	84%
Chloroform	46	ug/L	50	92%
1,1,1-Trichloroethane	46	ug/L	50	92%
Carbon tetrachloride	44	ug/L	50	88%
1,1-Dichloropropene	45	ug/L	50	90%
Benzene	44	ug/L	50	88%
1,2-Dichloroethane	50	ug/L	50	100%
Trichloroethene	44	ug/L	50	88%
1,2-Dichloropropane	44	ug/L	50	88%
Dibromomethane	50	ug/L	50	100%
Bromodichloromethane	45	ug/L	50	90%
cis-1,3-Dichloropropene	45	ug/L	50	90%
Toluene	42	ug/L	50	84%
trans-1,3-Dichloropropene	49	ug/L	50	98%
1,1,2-Trichloroethane	46	ug/L	50	92%
Tetrachloroethene	37	ug/L	50	74%
1,3-Dichloropropane	46	ug/L	50	92%
Dibromochloromethane	41	ug/L	50	82%
1,2-Dibromoethane	46	ug/L	50	92%
Chlorobenzene	44	ug/L	50	88%
1,1,1,2-Tetrachlorethane	44	ug/L	50	88%
Ethylbenzene	46	ug/L	50	92%
m & p-Xylene	94	ug/L	100	94%
o-Xylene	47	ug/L	50	94%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB SB13 GW01 (A048) MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	46	ug/L	50	92%
Bromoform	42	ug/L	50	84%
Isopropylbenzene	45	ug/L	50	90%
Bromobenzene	42	ug/L	50	84%
1,1,2,2-Tetrachloroethane	63	ug/L	50	126%
1,2,3-Trichloropropane	53	ug/L	50	106%
n-Propylbenzene	45	ug/L	50	90%
2-Chlorotoluene	45	ug/L	50	90%
4-Chlorotoluene	38	ug/L	50	76%
1,3,5-Trimethylbenzene	47	ug/L	50	94%
tert-Butylbenzene	44	ug/L	50	88%
1,2,4-Trimethylbenzene	46	ug/L	50	92%
sec-Butylbenzene	46	ug/L	50	92%
1,3-Dichlorobenzene	43	ug/L	50	86%
p-Isopropyltoluene	44	ug/L	50	88%
1,4-Dichlorobenzene	43	ug/L	50	86%
1,2-Dichlorobenzene	42	ug/L	50	84%
n-Butylbenzene	44	ug/L	50	88%
1,2-Dibromo-3-chloropropane	70	ug/L	50	140%
1,2,4-Trichlorobenzene	42	ug/L	50	84%
Hexachlorobutadiene	37	ug/L	50	74%
Naphthalene	44	ug/L	50	88%
1,2,3-Trichlorobenzene	43	ug/L	50	86%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	55	ug/L	50	110%
Toluene d8	46	ug/L	50	92%
Bromofluorobenzene	51	ug/L	50	102%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2152
Analysis Date: 4-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB SB13 GW01 (A048) MSD**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Dichlorofluoromethane	48	ug/L	50	96%	-8%
Chloromethane	50	ug/L	50	100%	-6%
Vinyl chloride	78	ug/L	50	108%	-14%
Bromomethane	76	ug/L	50	152%	-10%
Trichlorofluoromenthane	58	ug/L	50	116%	-7%
Chloroethane	68	ug/L	50	136%	-4%
1,1-Dichloroethene	52	ug/L	50	104%	8%
Methylene chloride	55	ug/L	50	110%	8%
trans-1,2-Dichloroethene	52	ug/L	50	104%	8%
1,1-Dichloroethane	56	ug/L	50	112%	9%
cis-1,2-Dichloroethene	56	ug/L	50	97%	11%
Bromochloromethane	45	ug/L	50	90%	7%
Chloroform	51	ug/L	50	102%	10%
1,1,1-Trichloroethane	51	ug/L	50	102%	10%
Carbon tetrachloride	49	ug/L	50	98%	11%
1,1-Dichloropropene	51	ug/L	50	102%	13%
Benzene	49	ug/L	50	98%	11%
1,2-Dichloroethane	54	ug/L	50	108%	8%
Trichloroethene	49	ug/L	50	98%	11%
1,2-Dichloropropane	50	ug/L	50	100%	13%
Dibromomethane	54	ug/L	50	108%	8%
Bromodichloromethane	48	ug/L	50	96%	6%
cis-1,3-Dichloropropene	48	ug/L	50	96%	6%
Toluene	47	ug/L	50	94%	11%
trans-1,3-Dichloropropene	56	ug/L	50	112%	13%
1,1,2-Trichloroethane	49	ug/L	50	98%	6%
Tetrachloroethene	41	ug/L	50	82%	10%
1,3-Dichloropropane	50	ug/L	50	100%	8%
Dibromochloromethane	45	ug/L	50	90%	9%
1,2-Dibromoethane	51	ug/L	50	102%	10%
Chlorobenzene	50	ug/L	50	100%	13%
1,1,1,2-Tetrachlorethane	50	ug/L	50	100%	13%
Ethylbenzene	52	ug/L	50	104%	12%
m & p-Xylene	106	ug/L	100	106%	12%
o-Xylene	53	ug/L	50	106%	12%

Continued

New Age/Landmark
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Sample ID: FAAB SB13 GW01 (A048) MSD

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Styrene	53	ug/L	50	106%	14%
Bromoform	53	ug/L	50	106%	23%
Isopropylbenzene	49	ug/L	50	98%	9%
Bromobenzene	71	ug/L	50	142%	51%
1,1,2,2-Tetrachloroethane	62	ug/L	50	124%	-2%
1,2,3-Trichloropropane	53	ug/L	50	106%	0%
n-Propylbenzene	52	ug/L	50	104%	14%
2-Chlorotoluene	42	ug/L	50	84%	-7%
4-Chlorotoluene	44	ug/L	50	88%	15%
1,3,5-Trimethylbenzene	54	ug/L	50	108%	14%
tert-Butylbenzene	52	ug/L	50	104%	17%
1,2,4-Trimethylbenzene	54	ug/L	50	108%	16%
sec-Butylbenzene	54	ug/L	50	108%	16%
1,3-Dichlorobenzene	50	ug/L	50	100%	15%
p-Isopropyltoluene	53	ug/L	50	106%	19%
1,4-Dichlorobenzene	51	ug/L	50	102%	17%
1,2-Dichlorobenzene	50	ug/L	50	100%	17%
n-Butylbenzene	54	ug/L	50	108%	20%
1,2-Dibromo-3-chloropropane	81	ug/L	50	162%	15%
1,2,4-Trichlorobenzene	52	ug/L	50	104%	21%
Hexachlorobutadiene	48	ug/L	50	96%	26%
Naphthalene	63	ug/L	50	126%	36%
1,2,3-Trichlorobenzene	53	ug/L	50	106%	21%

Surrogates			Spike Amount	% Rec	% RSD
Dibromofluoromethane	50	ug/L	50	100%	0%
1,2-Dichloroethane d4	54	ug/L	50	108%	-2%
Toluene d8	45	ug/L	50	90%	-2%
Bromofluorobenzene	52	ug/L	50	104%	2%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2158
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB-SB12-GW01 (A043) RERUN**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	24	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.7	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	19	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Sample ID: FAAB-SB12-GW01 (A043) RERUN

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2162
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WATER SOURCE (A049)**
Matrix: Water
Date Sampled: 4-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	2.2	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	2.9	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	3.4	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WATER SOURCE (A049)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	51	ug/L	50	102%
1,2-Dichloroethane d4	55	ug/L	50	110%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	53	ug/L	50	106%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2163
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: FAAB-SB14-GW01 (A050)
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	4.8	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	91	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	280 E	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	34	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: FAAB-SB14-GW01 (A050)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	48	ug/L	50	96%
1,2-Dichloroethane d4	53	ug/L	50	106%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
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Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2164
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB-SB14-GW01 (A050) RE 5:1**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	ND	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	ND	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	93	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	280	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	37	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

New Age/Landmark
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Sample ID: FAAB-SB14-GW01 (A050) RE 5:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	56	ug/L	50	112%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 5

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2165
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB-SB14-GW02 (A051)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB-SB14-GW02 (A051)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	52	ug/L	50	104%
Toluene d8	47	ug/L	50	94%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2166
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB-SB14-GW03 (A052)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: FAAB-SB14-GW03 (A052)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	53	ug/L	50	106%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2154
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	41	ug/L	50	82%
Chloromethane	41	ug/L	50	82%
Vinyl chloride	42	ug/L	50	84%
Bromomethane	59	ug/L	50	118%
Trichlorofluoromenthane	71	ug/L	50	142%
Chloroethane	42	ug/L	50	84%
1,1-Dichloroethene	41	ug/L	50	82%
Methylene chloride	39	ug/L	50	78%
trans-1,2-Dichloroethene	41	ug/L	50	82%
1,1-Dichloroethane	40	ug/L	50	80%
cis-1,2-Dichloroethene	45	ug/L	50	90%
Bromochloromethane	44	ug/L	50	88%
Chloroform	43	ug/L	50	86%
1,1,1-Trichloroethane	46	ug/L	50	92%
Carbon tetrachloride	46	ug/L	50	92%
1,1-Dichloropropene	44	ug/L	50	88%
Benzene	46	ug/L	50	92%
1,2-Dichloroethane	42	ug/L	50	84%
Trichloroethene	45	ug/L	50	90%
1,2-Dichloropropane	45	ug/L	50	90%
Dibromomethane	44	ug/L	50	88%
Bromodichloromethane	43	ug/L	50	86%
cis-1,3-Dichloropropene	43	ug/L	50	86%
Toluene	45	ug/L	50	90%
trans-1,3-Dichloropropene	41	ug/L	50	82%
1,1,2-Trichloroethane	43	ug/L	50	86%
Tetrachloroethene	47	ug/L	50	94%
1,3-Dichloropropane	42	ug/L	50	84%
Dibromochloromethane	43	ug/L	50	86%
1,2-Dibromoethane	42	ug/L	50	84%
Chlorobenzene	46	ug/L	50	92%
1,1,1,2-Tetrachlorethane	48	ug/L	50	96%
Ethylbenzene	45	ug/L	50	90%
m & p-Xylene	89	ug/L	100	89%
o-Xylene	44	ug/L	50	88%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	46	ug/L	50	92%
Bromoform	47	ug/L	50	94%
Isopropylbenzene	45	ug/L	50	90%
Bromobenzene	46	ug/L	50	92%
1,1,2,2-Tetrachloroethane	54	ug/L	50	108%
1,2,3-Trichloropropane	43	ug/L	50	86%
n-Propylbenzene	45	ug/L	50	90%
2-Chlorotoluene	45	ug/L	50	90%
4-Chlorotoluene	45	ug/L	50	90%
1,3,5-Trimethylbenzene	45	ug/L	50	90%
tert-Butylbenzene	46	ug/L	50	92%
1,2,4-Trimethylbenzene	45	ug/L	50	90%
sec-Butylbenzene	45	ug/L	50	90%
1,3-Dichlorobenzene	47	ug/L	50	94%
p-Isopropyltoluene	47	ug/L	50	94%
1,4-Dichlorobenzene	47	ug/L	50	94%
1,2-Dichlorobenzene	47	ug/L	50	94%
n-Butylbenzene	46	ug/L	50	92%
1,2-Dibromo-3-chloropropane	54	ug/L	50	108%
1,2,4-Trichlorobenzene	47	ug/L	50	94%
Hexachlorobutadiene	48	ug/L	50	96%
Naphthalene	39	ug/L	50	78%
1,2,3-Trichlorobenzene	47	ug/L	50	94%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	39	ug/L	50	78%
Toluene d8	41	ug/L	50	82%
Bromofluorobenzene	41	ug/L	50	82%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2176
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB15-GW02 (A059)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	370 E	ug/L	2
Bromomethane	6.3	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	2.4	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	2.2	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	430 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	2.2	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB15-GW02 (A059)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	58	ug/L	50	116%
1,2-Dichloroethane d4	65	ug/L	50	130%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	50	ug/L	50	100%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2178
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB15-GW01 (A058)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	78	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	17	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	79	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB15-GW01 (A058)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	58	ug/L	50	116%
1,2-Dichloroethane d4	56	ug/L	50	112%
Toluene d8	43	ug/L	50	86%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2179
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB15-GW02 (A059) RE 5:1**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	270	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	ND	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	240	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	ND	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB15-GW02 (A059) RE 5:1

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	52	ug/L	50	104%
1,2-Dichloroethane d4	54	ug/L	50	108%
Toluene d8	41	ug/L	50	82%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 5

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2180
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW08-GW01 (A060)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	29	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	4.1	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	22	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	1.6	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW08-GW01 (A060)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	46	ug/L	50	92%
1,2-Dichloroethane d4	58	ug/L	50	116%
Toluene d8	54	ug/L	50	108%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2184
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB16-GW01 (A062)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	210	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	2.4	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	20	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	960 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	320 E	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB16-GW01 (A062)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	43	ug/L	50	86%
Bromofluorobenzene	39	ug/L	50	78%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2185
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB16-GW02 (A064)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	220	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	1.8	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	15	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	1000 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	160 E	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB16-GW02 (A064)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	61	ug/L	50	122%
1,2-Dichloroethane d4	59	ug/L	50	118%
Toluene d8	45	ug/L	50	90%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2187
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB17-GW01 (A066)**
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	62	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	23	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	100	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	ND	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB17-GW01 (A066)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	63	ug/L	50	126%
1,2-Dichloroethane d4	68	ug/L	50	136%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	52	ug/L	50	104%

Dilution Factor	5

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2188
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB17-GW02 (A067)**
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	28	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	8.9	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	83	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	120	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB17-GW02 (A067)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	52	ug/L	50	104%
Toluene d8	46	ug/L	50	92%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2197
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB16-GW01 (A062) 10:1 RE**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	50
Chloromethane	ND	ug/L	50
Vinyl chloride	160	ug/L	20
Bromomethane	ND	ug/L	50
Trichlorofluoromenthane	ND	ug/L	50
Chloroethane	ND	ug/L	50
1,1-Dichloroethene	ND	ug/L	10
Methylene chloride	ND	ug/L	50
trans-1,2-Dichloroethene	14	ug/L	10
1,1-Dichloroethane	ND	ug/L	10
cis-1,2-Dichloroethene	620	ug/L	10
Bromochloromethane	ND	ug/L	20
Chloroform	ND	ug/L	10
1,1,1-Trichloroethane	ND	ug/L	10
Carbon tetrachloride	ND	ug/L	10
1,1-Dichloropropene	ND	ug/L	10
Benzene	ND	ug/L	10
1,2-Dichloroethane	ND	ug/L	10
Trichloroethene	200	ug/L	10
1,2-Dichloropropane	ND	ug/L	10
Dibromomethane	ND	ug/L	20
Bromodichloromethane	ND	ug/L	20
cis-1,3-Dichloropropene	ND	ug/L	10
Toluene	ND	ug/L	10
trans-1,3-Dichloropropene	ND	ug/L	10
1,1,2-Trichloroethane	ND	ug/L	10
Tetrachloroethene	ND	ug/L	10
1,3-Dichloropropane	ND	ug/L	10
Dibromochloromethane	ND	ug/L	20
1,2-Dibromoethane	ND	ug/L	10
Chlorobenzene	ND	ug/L	10
1,1,1,2-Tetrachlorethane	ND	ug/L	20
Ethylbenzene	ND	ug/L	10
m & p-Xylene	ND	ug/L	20
o-Xylene	ND	ug/L	10

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB16-GW01 (A062) 10:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	10
Bromoform	ND	ug/L	20
Isopropylbenzene	ND	ug/L	20
Bromobenzene	ND	ug/L	20
1,1,2,2-Tetrachloroethane	ND	ug/L	20
1,2,3-Trichloropropane	ND	ug/L	20
n-Propylbenzene	ND	ug/L	20
2-Chlorotoluene	ND	ug/L	20
4-Chlorotoluene	ND	ug/L	20
1,3,5-Trimethylbenzene	ND	ug/L	20
tert-Butylbenzene	ND	ug/L	20
1,2,4-Trimethylbenzene	ND	ug/L	20
sec-Butylbenzene	ND	ug/L	20
1,3-Dichlorobenzene	ND	ug/L	20
p-Isopropyltoluene	ND	ug/L	20
1,4-Dichlorobenzene	ND	ug/L	20
1,2-Dichlorobenzene	ND	ug/L	20
n-Butylbenzene	ND	ug/L	20
1,2-Dibromo-3-chloropropane	ND	ug/L	50
1,2,4-Trichlorobenzene	ND	ug/L	50
Hexachlorobutadiene	ND	ug/L	50
Naphthalene	ND	ug/L	50
1,2,3-Trichlorobenzene	ND	ug/L	50

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	42	ug/L	50	84%

Dilution Factor	10

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2198
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB16-GW02 (A064) 10:1 RE**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	50
Chloromethane	ND	ug/L	50
Vinyl chloride	130	ug/L	20
Bromomethane	ND	ug/L	50
Trichlorofluoromenthane	ND	ug/L	50
Chloroethane	ND	ug/L	50
1,1-Dichloroethene	ND	ug/L	10
Methylene chloride	ND	ug/L	50
trans-1,2-Dichloroethene	ND	ug/L	10
1,1-Dichloroethane	ND	ug/L	10
cis-1,2-Dichloroethene	590	ug/L	10
Bromochloromethane	ND	ug/L	20
Chloroform	ND	ug/L	10
1,1,1-Trichloroethane	ND	ug/L	10
Carbon tetrachloride	ND	ug/L	10
1,1-Dichloropropene	ND	ug/L	10
Benzene	ND	ug/L	10
1,2-Dichloroethane	ND	ug/L	10
Trichloroethene	78	ug/L	10
1,2-Dichloropropane	ND	ug/L	10
Dibromomethane	ND	ug/L	20
Bromodichloromethane	ND	ug/L	20
cis-1,3-Dichloropropene	ND	ug/L	10
Toluene	ND	ug/L	10
trans-1,3-Dichloropropene	ND	ug/L	10
1,1,2-Trichloroethane	ND	ug/L	10
Tetrachloroethene	ND	ug/L	10
1,3-Dichloropropane	ND	ug/L	10
Dibromochloromethane	ND	ug/L	20
1,2-Dibromoethane	ND	ug/L	10
Chlorobenzene	ND	ug/L	10
1,1,1,2-Tetrachlorethane	ND	ug/L	20
Ethylbenzene	ND	ug/L	10
m & p-Xylene	ND	ug/L	20
o-Xylene	ND	ug/L	10

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB16-GW02 (A064) 10:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	10
Bromoform	ND	ug/L	20
Isopropylbenzene	ND	ug/L	20
Bromobenzene	ND	ug/L	20
1,1,2,2-Tetrachloroethane	ND	ug/L	20
1,2,3-Trichloropropane	ND	ug/L	20
n-Propylbenzene	ND	ug/L	20
2-Chlorotoluene	ND	ug/L	20
4-Chlorotoluene	ND	ug/L	20
1,3,5-Trimethylbenzene	ND	ug/L	20
tert-Butylbenzene	ND	ug/L	20
1,2,4-Trimethylbenzene	ND	ug/L	20
sec-Butylbenzene	ND	ug/L	20
1,3-Dichlorobenzene	ND	ug/L	20
p-Isopropyltoluene	ND	ug/L	20
1,4-Dichlorobenzene	ND	ug/L	20
1,2-Dichlorobenzene	ND	ug/L	20
n-Butylbenzene	ND	ug/L	20
1,2-Dibromo-3-chloropropane	ND	ug/L	50
1,2,4-Trichlorobenzene	ND	ug/L	50
Hexachlorobutadiene	ND	ug/L	50
Naphthalene	ND	ug/L	50
1,2,3-Trichlorobenzene	ND	ug/L	50

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	50	ug/L	50	100%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 10

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2199
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB17-GW01 (A066) RE**
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	44	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	13	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	56	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	1.2	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB17-GW01 (A066) RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	50	ug/L	50	100%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2200
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB18-GW01 (A068)**
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	110	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	210	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	48	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB18-GW01 (A068)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	42	ug/L	50	84%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2201
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-SB18-GW02 (A069)**
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	17	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	18	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	3.3	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB18-GW02 (A069)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	51	ug/L	50	102%
Toluene d8	59	ug/L	50	118%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2202
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-MW09-GW01 (A076)
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	48	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	12	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	55	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	1	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW09-GW01 (A076)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	51	ug/L	50	102%
Toluene d8	58	ug/L	50	116%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2203
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-SB19-GW01 (A077)
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	1.5	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	10	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-SB19-GW01 (A077)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	44	ug/L	50	88%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2204
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW09-GW02 (A078)**
Matrix: Water
Date Sampled: 6-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	34	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	8.1	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	39	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW09-GW02 (A078)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	47	ug/L	50	94%
Bromofluorobenzene	42	ug/L	50	84%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
1 1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2224
Analysis Date: 8-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	46	ug/L	50	92%
Chloromethane	48	ug/L	50	96%
Vinyl chloride	45	ug/L	50	90%
Bromomethane	58	ug/L	50	116%
Trichlorofluoromenthane	48	ug/L	50	96%
Chloroethane	47	ug/L	50	94%
1,1-Dichloroethene	41	ug/L	50	82%
Methylene chloride	41	ug/L	50	82%
trans-1,2-Dichloroethene	43	ug/L	50	86%
1,1-Dichloroethane	51	ug/L	50	102%
cis-1,2-Dichloroethene	47	ug/L	50	94%
Bromochloromethane	48	ug/L	50	96%
Chloroform	46	ug/L	50	92%
1,1,1-Trichloroethane	46	ug/L	50	92%
Carbon tetrachloride	46	ug/L	50	92%
1,1-Dichloropropene	45	ug/L	50	90%
Benzene	46	ug/L	50	92%
1,2-Dichloroethane	46	ug/L	50	92%
Trichloroethene	45	ug/L	50	90%
1,2-Dichloropropane	46	ug/L	50	92%
Dibromomethane	49	ug/L	50	98%
Bromodichloromethane	48	ug/L	50	96%
cis-1,3-Dichloropropene	47	ug/L	50	94%
Toluene	47	ug/L	50	94%
trans-1,3-Dichloropropene	41	ug/L	50	82%
1,1,2-Trichloroethane	49	ug/L	50	98%
Tetrachloroethene	45	ug/L	50	90%
1,3-Dichloropropane	48	ug/L	50	96%
Dibromochloromethane	50	ug/L	50	100%
1,2-Dibromoethane	47	ug/L	50	94%
Chlorobenzene	46	ug/L	50	92%
1,1,1,2-Tetrachlorethane	45	ug/L	50	90%
Ethylbenzene	45	ug/L	50	90%
m & p-Xylene	92	ug/L	100	92%
o-Xylene	46	ug/L	50	92%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	44	ug/L	50	88%
Bromoform	49	ug/L	50	98%
Isopropylbenzene	45	ug/L	50	90%
Bromobenzene	44	ug/L	50	90%
1,1,2,2-Tetrachloroethane	51	ug/L	50	88%
1,2,3-Trichloropropane	46	ug/L	50	102%
n-Propylbenzene	42	ug/L	50	92%
2-Chlorotoluene	43	ug/L	50	84%
4-Chlorotoluene	42	ug/L	50	86%
1,3,5-Trimethylbenzene	43	ug/L	50	86%
tert-Butylbenzene	43	ug/L	50	86%
1,2,4-Trimethylbenzene	42	ug/L	50	84%
sec-Butylbenzene	42	ug/L	50	84%
1,3-Dichlorobenzene	42	ug/L	50	84%
p-Isopropyltoluene	42	ug/L	50	84%
1,4-Dichlorobenzene	42	ug/L	50	84%
1,2-Dichlorobenzene	42	ug/L	50	84%
n-Butylbenzene	43	ug/L	50	86%
1,2-Dibromo-3-chloropropane	53	ug/L	50	106%
1,2,4-Trichlorobenzene	43	ug/L	50	86%
Hexachlorobutadiene	41	ug/L	50	82%
Naphthalene	37	ug/L	50	74%
1,2,3-Trichlorobenzene	42	ug/L	50	84%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	46	ug/L	50	92%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2222
Analysis Date: 7-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW-3 BENCH TEST (A083)**
Matrix: Water
Date Sampled: 7-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	51	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	5.6	ug/L	5
trans-1,2-Dichloroethene	2.1	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	35	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	17	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: MW-3 BENCH TEST (A083)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	44	ug/L	50	88%
1,2-Dichloroethane d4	46	ug/L	50	92%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2232
Analysis Date: 8-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW07-GW11 (A089)**
Matrix: Water
Date Sampled: 8-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	23	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	21	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	100	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	19	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW07-GW11 (A089)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	51	ug/L	50	102%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2231
Analysis Date: 8-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW09-GW11 (A086)**
Matrix: Water
Date Sampled: 8-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	32	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	9.1	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	50	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW09-GW11 (A086)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2233
Analysis Date: 8-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW05-GW01 (A090)**
Matrix: Water
Date Sampled: 8-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	320 E	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	7.2	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	82	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	42	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW05-GW01 (A090)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	47	ug/L	50	94%
1,2-Dichloroethane d4	49	ug/L	50	98%
Toluene d8	59	ug/L	50	118%
Bromofluorobenzene	46	ug/L	50	92%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2236
Analysis Date: 8-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW05-GW01 (A090) 5:1 RE**
Matrix: Water
Date Sampled: 8-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	300	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	ND	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	73	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	39	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Sample ID: WP-SP11-IW05-GW01 (A090) 5:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	42	ug/L	50	84%
1,2-Dichloroethane d4	43	ug/L	50	86%
Toluene d8	58	ug/L	50	116%
Bromofluorobenzene	46	ug/L	50	92%

Dilution Factor 5

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2172
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	48	ug/L	50	96%
Chloromethane	47	ug/L	50	94%
Vinyl chloride	48	ug/L	50	96%
Bromomethane	65	ug/L	50	130%
Trichlorofluoromenthane	69	ug/L	50	138%
Chloroethane	55	ug/L	50	110%
1,1-Dichloroethene	53	ug/L	50	106%
Methylene chloride	45	ug/L	50	90%
trans-1,2-Dichloroethene	52	ug/L	50	104%
1,1-Dichloroethane	51	ug/L	50	102%
cis-1,2-Dichloroethene	47	ug/L	50	94%
Bromochloromethane	44	ug/L	50	88%
Chloroform	47	ug/L	50	94%
1,1,1-Trichloroethane	48	ug/L	50	96%
Carbon tetrachloride	49	ug/L	50	98%
1,1-Dichloropropene	48	ug/L	50	96%
Benzene	48	ug/L	50	96%
1,2-Dichloroethane	46	ug/L	50	92%
Trichloroethene	47	ug/L	50	94%
1,2-Dichloropropane	46	ug/L	50	92%
Dibromomethane	45	ug/L	50	90%
Bromodichloromethane	48	ug/L	50	96%
cis-1,3-Dichloropropene	46	ug/L	50	92%
Toluene	52	ug/L	50	104%
trans-1,3-Dichloropropene	36	ug/L	50	72%
1,1,2-Trichloroethane	47	ug/L	50	94%
Tetrachloroethene	48	ug/L	50	96%
1,3-Dichloropropane	44	ug/L	50	88%
Dibromochloromethane	46	ug/L	50	92%
1,2-Dibromoethane	45	ug/L	50	90%
Chlorobenzene	50	ug/L	50	100%
1,1,1,2-Tetrachlorethane	49	ug/L	50	98%
Ethylbenzene	51	ug/L	50	102%
m & p-Xylene	103	ug/L	100	103%
o-Xylene	50	ug/L	50	100%

Continued

Waters (100799 & 100899)

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	49	ug/L	50	98%
Bromoform	45	ug/L	50	90%
Isopropylbenzene	52	ug/L	50	104%
Bromobenzene	48	ug/L	50	96%
1,1,2,2-Tetrachloroethane	51	ug/L	50	102%
1,2,3-Trichloropropane	44	ug/L	50	88%
n-Propylbenzene	49	ug/L	50	98%
2-Chlorotoluene	50	ug/L	50	100%
4-Chlorotoluene	50	ug/L	50	100%
1,3,5-Trimethylbenzene	50	ug/L	50	100%
tert-Butylbenzene	51	ug/L	50	102%
1,2,4-Trimethylbenzene	49	ug/L	50	98%
sec-Butylbenzene	49	ug/L	50	98%
1,3-Dichlorobenzene	48	ug/L	50	96%
p-Isopropyltoluene	51	ug/L	50	102%
1,4-Dichlorobenzene	47	ug/L	50	94%
1,2-Dichlorobenzene	45	ug/L	50	90%
n-Butylbenzene	48	ug/L	50	96%
1,2-Dibromo-3-chloropropane	43	ug/L	50	86%
1,2,4-Trichlorobenzene	44	ug/L	50	88%
Hexachlorobutadiene	49	ug/L	50	98%
Naphthalene	42	ug/L	50	84%
1,2,3-Trichlorobenzene	43	ug/L	50	86%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	40	ug/L	50	80%
1,2-Dichloroethane d4	35	ug/L	50	70%
Toluene d8	38	ug/L	50	76%
Bromofluorobenzene	40	ug/L	50	80%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2192
Analysis Date: 6-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	46	ug/L	50	92%
Chloromethane	45	ug/L	50	90%
Vinyl chloride	50	ug/L	50	100%
Bromomethane	88	ug/L	50	176%
Trichlorofluoromenthane	95	ug/L	50	190%
Chloroethane	54	ug/L	50	108%
1,1-Dichloroethene	55	ug/L	50	110%
Methylene chloride	54	ug/L	50	108%
trans-1,2-Dichloroethene	53	ug/L	50	106%
1,1-Dichloroethane	55	ug/L	50	110%
cis-1,2-Dichloroethene	43	ug/L	50	86%
Bromochloromethane	39	ug/L	50	78%
Chloroform	48	ug/L	50	96%
1,1,1-Trichloroethane	50	ug/L	50	100%
Carbon tetrachloride	48	ug/L	50	96%
1,1-Dichloropropene	47	ug/L	50	94%
Benzene	43	ug/L	50	86%
1,2-Dichloroethane	47	ug/L	50	94%
Trichloroethene	43	ug/L	50	86%
1,2-Dichloropropane	42	ug/L	50	84%
Dibromomethane	43	ug/L	50	86%
Bromodichloromethane	49	ug/L	50	98%
cis-1,3-Dichloropropene	47	ug/L	50	94%
Toluene	46	ug/L	50	92%
trans-1,3-Dichloropropene	54	ug/L	50	108%
1,1,2-Trichloroethane	43	ug/L	50	86%
Tetrachloroethene	44	ug/L	50	88%
1,3-Dichloropropane	45	ug/L	50	90%
Dibromochloromethane	43	ug/L	50	86%
1,2-Dibromoethane	46	ug/L	50	92%
Chlorobenzene	47	ug/L	50	94%
1,1,1,2-Tetrachlorethane	50	ug/L	50	100%
Ethylbenzene	53	ug/L	50	106%
m & p-Xylene	109	ug/L	100	109%
o-Xylene	54	ug/L	50	108%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	50	ug/L	50	100%
Bromoform	44	ug/L	50	88%
Isopropylbenzene	54	ug/L	50	108%
Bromobenzene	47	ug/L	50	94%
1,1,2,2-Tetrachloroethane	57	ug/L	50	114%
1,2,3-Trichloropropane	50	ug/L	50	100%
n-Propylbenzene	54	ug/L	50	108%
2-Chlorotoluene	52	ug/L	50	104%
4-Chlorotoluene	44	ug/L	50	88%
1,3,5-Trimethylbenzene	54	ug/L	50	108%
tert-Butylbenzene	54	ug/L	50	108%
1,2,4-Trimethylbenzene	54	ug/L	50	108%
sec-Butylbenzene	54	ug/L	50	108%
1,3-Dichlorobenzene	48	ug/L	50	96%
p-Isopropyltoluene	55	ug/L	50	110%
1,4-Dichlorobenzene	49	ug/L	50	98%
1,2-Dichlorobenzene	47	ug/L	50	94%
n-Butylbenzene	55	ug/L	50	110%
1,2-Dibromo-3-chloropropane	61	ug/L	50	122%
1,2,4-Trichlorobenzene	54	ug/L	50	108%
Hexachlorobutadiene	55	ug/L	50	110%
Naphthalene	46	ug/L	50	92%
1,2,3-Trichlorobenzene	51	ug/L	50	102%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	44	ug/L	50	88%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	45	ug/L	50	90%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2208
Analysis Date: 7-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: NA
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	48	ug/L	50	96%
Chloromethane	39	ug/L	50	78%
Vinyl chloride	41	ug/L	50	82%
Bromomethane	43	ug/L	50	86%
Trichlorofluoromenthane	68	ug/L	50	136%
Chloroethane	42	ug/L	50	84%
1,1-Dichloroethene	47	ug/L	50	94%
Methylene chloride	45	ug/L	50	90%
trans-1,2-Dichloroethene	49	ug/L	50	98%
1,1-Dichloroethane	51	ug/L	50	102%
cis-1,2-Dichloroethene	47	ug/L	50	94%
Bromochloromethane	35	ug/L	50	70%
Chloroform	49	ug/L	50	98%
1,1,1-Trichloroethane	49	ug/L	50	98%
Carbon tetrachloride	51	ug/L	50	102%
1,1-Dichloropropene	50	ug/L	50	100%
Benzene	49	ug/L	50	98%
1,2-Dichloroethane	48	ug/L	50	96%
Trichloroethene	48	ug/L	50	96%
1,2-Dichloropropane	48	ug/L	50	96%
Dibromomethane	46	ug/L	50	92%
Bromodichloromethane	50	ug/L	50	100%
cis-1,3-Dichloropropene	50	ug/L	50	100%
Toluene	53	ug/L	50	106%
trans-1,3-Dichloropropene	38	ug/L	50	76%
1,1,2-Trichloroethane	48	ug/L	50	96%
Tetrachloroethene	52	ug/L	50	104%
1,3-Dichloropropane	47	ug/L	50	94%
Dibromochloromethane	49	ug/L	50	98%
1,2-Dibromoethane	45	ug/L	50	90%
Chlorobenzene	48	ug/L	50	96%
1,1,1,2-Tetrachlorethane	45	ug/L	50	90%
Ethylbenzene	49	ug/L	50	98%
m & p-Xylene	99	ug/L	100	99%
o-Xylene	49	ug/L	50	98%

Continued

Waters (100799 & 100899)

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	48	ug/L	50	96%
Bromoform	42	ug/L	50	84%
Isopropylbenzene	48	ug/L	50	96%
Bromobenzene	46	ug/L	50	92%
1,1,2,2-Tetrachloroethane	45	ug/L	50	90%
1,2,3-Trichloropropane	41	ug/L	50	82%
n-Propylbenzene	47	ug/L	50	94%
2-Chlorotoluene	47	ug/L	50	94%
4-Chlorotoluene	45	ug/L	50	90%
1,3,5-Trimethylbenzene	45	ug/L	50	90%
tert-Butylbenzene	46	ug/L	50	92%
1,2,4-Trimethylbenzene	44	ug/L	50	88%
sec-Butylbenzene	44	ug/L	50	88%
1,3-Dichlorobenzene	44	ug/L	50	88%
p-Isopropyltoluene	45	ug/L	50	90%
1,4-Dichlorobenzene	44	ug/L	50	88%
1,2-Dichlorobenzene	43	ug/L	50	86%
n-Butylbenzene	43	ug/L	50	86%
1,2-Dibromo-3-chloropropane	45	ug/L	50	90%
1,2,4-Trichlorobenzene	38	ug/L	50	76%
Hexachlorobutadiene	43	ug/L	50	86%
Naphthalene	33	ug/L	50	66%
1,2,3-Trichlorobenzene	38	ug/L	50	76%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	47	ug/L	50	94%
1,2-Dichloroethane d4	46	ug/L	50	92%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2240
Analysis Date: 11-Oct-99
Preserv. Date: 11-Oct-99
Operator: JMK
Sample ID: **WP-SP11-IW06-SS01 (A091)**
Matrix: Soil
Date Sampled: 11-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	287
Chloromethane	ND	ug/Kg	287
Vinyl chloride	ND	ug/Kg	115
Bromomethane	ND	ug/Kg	287
Trichlorofluoromenthane	ND	ug/Kg	287
Chloroethane	ND	ug/Kg	287
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	287
trans-1,2-Dichloroethene	ND	ug/Kg	57
1,1-Dichloroethane	ND	ug/Kg	57
cis-1,2-Dichloroethene	ND	ug/Kg	57
Bromochloromethane	ND	ug/Kg	115
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	ND	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	115
Bromodichloromethane	ND	ug/Kg	115
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	115
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	115
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	115
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW06-SS01 (A091)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	115
Isopropylbenzene	ND	ug/Kg	115
Bromobenzene	ND	ug/Kg	115
1,1,2,2-Tetrachloroethane	ND	ug/Kg	115
1,2,3-Trichloropropane	ND	ug/Kg	115
n-Propylbenzene	ND	ug/Kg	115
2-Chlorotoluene	ND	ug/Kg	115
4-Chlorotoluene	ND	ug/Kg	115
1,3,5-Trimethylbenzene	ND	ug/Kg	115
tert-Butylbenzene	ND	ug/Kg	115
1,2,4-Trimethylbenzene	ND	ug/Kg	115
sec-Butylbenzene	ND	ug/Kg	115
1,3-Dichlorobenzene	ND	ug/Kg	115
p-Isopropyltoluene	ND	ug/Kg	115
1,4-Dichlorobenzene	ND	ug/Kg	115
1,2-Dichlorobenzene	ND	ug/Kg	115
n-Butylbenzene	ND	ug/Kg	115
1,2-Dibromo-3-chloropropane	ND	ug/Kg	287
1,2,4-Trichlorobenzene	ND	ug/Kg	287
Hexachlorobutadiene	ND	ug/Kg	287
Naphthalene	ND	ug/Kg	287
1,2,3-Trichlorobenzene	ND	ug/Kg	287

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	53	50	106%
1,2-Dichloroethane d4	53	50	106%
Toluene d8	46	50	92%
Bromofluorobenzene	49	50	98%

% Solids	87.02%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2245
Analysis Date: 12-Oct-99
Preserv. Date: 11-Oct-99
Operator: JMK
Sample ID: WP-SP11-IW07-SS01 (A093)
Matrix: Soil
Date Sampled: 11-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	287
Chloromethane	ND	ug/Kg	287
Vinyl chloride	ND	ug/Kg	115
Bromomethane	ND	ug/Kg	287
Trichlorofluoromenthane	ND	ug/Kg	287
Chloroethane	ND	ug/Kg	287
1,1-Dichloroethene	ND	ug/Kg	57
Methylene chloride	ND	ug/Kg	287
trans-1,2-Dichloroethene	ND	ug/Kg	57
1,1-Dichloroethane	ND	ug/Kg	57
cis-1,2-Dichloroethene	220	ug/Kg	57
Bromochloromethane	ND	ug/Kg	115
Chloroform	ND	ug/Kg	57
1,1,1-Trichloroethane	ND	ug/Kg	57
Carbon tetrachloride	ND	ug/Kg	57
1,1-Dichloropropene	ND	ug/Kg	57
Benzene	ND	ug/Kg	57
1,2-Dichloroethane	ND	ug/Kg	57
Trichloroethene	200	ug/Kg	57
1,2-Dichloropropane	ND	ug/Kg	57
Dibromomethane	ND	ug/Kg	115
Bromodichloromethane	ND	ug/Kg	115
cis-1,3-Dichloropropene	ND	ug/Kg	57
Toluene	ND	ug/Kg	57
trans-1,3-Dichloropropene	ND	ug/Kg	57
1,1,2-Trichloroethane	ND	ug/Kg	57
Tetrachloroethene	ND	ug/Kg	57
1,3-Dichloropropane	ND	ug/Kg	57
Dibromochloromethane	ND	ug/Kg	115
1,2-Dibromoethane	ND	ug/Kg	57
Chlorobenzene	ND	ug/Kg	57
1,1,1,2-Tetrachlorethane	ND	ug/Kg	115
Ethylbenzene	ND	ug/Kg	57
m & p-Xylene	ND	ug/Kg	115
o-Xylene	ND	ug/Kg	57

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW07-SS01 (A093)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	57
Bromoform	ND	ug/Kg	115
Isopropylbenzene	ND	ug/Kg	115
Bromobenzene	ND	ug/Kg	115
1,1,2,2-Tetrachloroethane	ND	ug/Kg	115
1,2,3-Trichloropropane	ND	ug/Kg	115
n-Propylbenzene	ND	ug/Kg	115
2-Chlorotoluene	ND	ug/Kg	115
4-Chlorotoluene	ND	ug/Kg	115
1,3,5-Trimethylbenzene	ND	ug/Kg	115
tert-Butylbenzene	ND	ug/Kg	115
1,2,4-Trimethylbenzene	ND	ug/Kg	115
sec-Butylbenzene	ND	ug/Kg	115
1,3-Dichlorobenzene	ND	ug/Kg	115
p-Isopropyltoluene	ND	ug/Kg	115
1,4-Dichlorobenzene	ND	ug/Kg	115
1,2-Dichlorobenzene	ND	ug/Kg	115
n-Butylbenzene	ND	ug/Kg	115
1,2-Dibromo-3-chloropropane	ND	ug/Kg	287
1,2,4-Trichlorobenzene	ND	ug/Kg	287
Hexachlorobutadiene	ND	ug/Kg	287
Naphthalene	ND	ug/Kg	287
1,2,3-Trichlorobenzene	ND	ug/Kg	287

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	55	50	110%
1,2-Dichloroethane d4	53	50	106%
Toluene d8	47	50	94%
Bromofluorobenzene	49	50	98%

% Solids	86.98%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2250
Analysis Date: 12-Oct-99
Preserv. Date: 12-Oct-99
Operator: JMK
Sample ID: **WP-SP11-IW08-SS01 (A095)**
Matrix: Soil
Date Sampled: 12-Oct-99
Method: 8260 / 5035

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/Kg	290
Chloromethane	ND	ug/Kg	290
Vinyl chloride	ND	ug/Kg	116
Bromomethane	ND	ug/Kg	290
Trichlorofluoromenthane	ND	ug/Kg	290
Chloroethane	ND	ug/Kg	290
1,1-Dichloroethene	ND	ug/Kg	58
Methylene chloride	ND	ug/Kg	290
trans-1,2-Dichloroethene	ND	ug/Kg	58
1,1-Dichloroethane	ND	ug/Kg	58
cis-1,2-Dichloroethene	65	ug/Kg	58
Bromochloromethane	ND	ug/Kg	116
Chloroform	ND	ug/Kg	58
1,1,1-Trichloroethane	ND	ug/Kg	58
Carbon tetrachloride	ND	ug/Kg	58
1,1-Dichloropropene	ND	ug/Kg	58
Benzene	ND	ug/Kg	58
1,2-Dichloroethane	ND	ug/Kg	58
Trichloroethene	ND	ug/Kg	58
1,2-Dichloropropane	ND	ug/Kg	58
Dibromomethane	ND	ug/Kg	116
Bromodichloromethane	ND	ug/Kg	116
cis-1,3-Dichloropropene	ND	ug/Kg	58
Toluene	ND	ug/Kg	58
trans-1,3-Dichloropropene	ND	ug/Kg	58
1,1,2-Trichloroethane	ND	ug/Kg	58
Tetrachloroethene	ND	ug/Kg	58
1,3-Dichloropropane	ND	ug/Kg	58
Dibromochloromethane	ND	ug/Kg	116
1,2-Dibromoethane	ND	ug/Kg	58
Chlorobenzene	ND	ug/Kg	58
1,1,1,2-Tetrachlorethane	ND	ug/Kg	116
Ethylbenzene	ND	ug/Kg	58
m & p-Xylene	ND	ug/Kg	116
o-Xylene	ND	ug/Kg	58

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW08-SS01 (A095)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/Kg	58
Bromoform	ND	ug/Kg	116
Isopropylbenzene	ND	ug/Kg	116
Bromobenzene	ND	ug/Kg	116
1,1,2,2-Tetrachloroethane	ND	ug/Kg	116
1,2,3-Trichloropropane	ND	ug/Kg	116
n-Propylbenzene	ND	ug/Kg	116
2-Chlorotoluene	ND	ug/Kg	116
4-Chlorotoluene	ND	ug/Kg	116
1,3,5-Trimethylbenzene	ND	ug/Kg	116
tert-Butylbenzene	ND	ug/Kg	116
1,2,4-Trimethylbenzene	ND	ug/Kg	116
sec-Butylbenzene	ND	ug/Kg	116
1,3-Dichlorobenzene	ND	ug/Kg	116
p-Isopropyltoluene	ND	ug/Kg	116
1,4-Dichlorobenzene	ND	ug/Kg	116
1,2-Dichlorobenzene	ND	ug/Kg	116
n-Butylbenzene	ND	ug/Kg	116
1,2-Dibromo-3-chloropropane	ND	ug/Kg	290
1,2,4-Trichlorobenzene	ND	ug/Kg	290
Hexachlorobutadiene	ND	ug/Kg	290
Naphthalene	ND	ug/Kg	290
1,2,3-Trichlorobenzene	ND	ug/Kg	290

Surrogates		Spike Amount	%Rec
Dibromofluoromethane	50	50	100%
1,2-Dichloroethane d4	48	50	96%
Toluene d8	55	50	110%
Bromofluorobenzene	46	50	92%

% Solids	86.33%	
Dilution Factor	50	
Soil Weight Preserved	10.0	gm
MeOH Volume	10	mL

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

ITGroup, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2238
Analysis Date: 11-Oct-99
Preserv. Date: N/A
Operator: JMK
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	55	ug/L	50	110%
Chloromethane	60	ug/L	50	120%
Vinyl chloride	53	ug/L	50	106%
Bromomethane	56	ug/L	50	112%
Trichlorofluoromenthane	25	ug/L	50	50%
Chloroethane	50	ug/L	50	100%
1,1-Dichloroethene	52	ug/L	50	104%
Methylene chloride	38	ug/L	50	76%
trans-1,2-Dichloroethene	41	ug/L	50	82%
1,1-Dichloroethane	46	ug/L	50	92%
cis-1,2-Dichloroethene	57	ug/L	50	114%
Bromochloromethane	65	ug/L	50	130%
Chloroform	47	ug/L	50	94%
1,1,1-Trichloroethane	54	ug/L	50	108%
Carbon tetrachloride	54	ug/L	50	108%
1,1-Dichloropropene	52	ug/L	50	104%
Benzene	56	ug/L	50	112%
1,2-Dichloroethane	60	ug/L	50	120%
Trichloroethene	53	ug/L	50	106%
1,2-Dichloropropane	58	ug/L	50	116%
Dibromomethane	64	ug/L	50	128%
Bromodichloromethane	56	ug/L	50	112%
cis-1,3-Dichloropropene	54	ug/L	50	108%
Toluene	49	ug/L	50	98%
trans-1,3-Dichloropropene	45	ug/L	50	90%
1,1,2-Trichloroethane	60	ug/L	50	120%
Tetrachloroethene	45	ug/L	50	90%
1,3-Dichloropropane	59	ug/L	50	118%
Dibromochloromethane	61	ug/L	50	122%
1,2-Dibromoethane	58	ug/L	50	116%
Chlorobenzene	51	ug/L	50	102%
1,1,1,2-Tetrachlorethane	53	ug/L	50	106%
Ethylbenzene	50	ug/L	50	100%
m & p-Xylene	99	ug/L	100	99%
o-Xylene	50	ug/L	50	100%

Continued

SOIL (101199-101299)

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	53	ug/L	50	106%
Bromoform	63	ug/L	50	126%
Isopropylbenzene	49	ug/L	50	98%
Bromobenzene	50	ug/L	50	100%
1,1,2,2-Tetrachloroethane	66	ug/L	50	132%
1,2,3-Trichloropropane	64	ug/L	50	128%
n-Propylbenzene	49	ug/L	50	98%
2-Chlorotoluene	49	ug/L	50	98%
4-Chlorotoluene	47	ug/L	50	94%
1,3,5-Trimethylbenzene	49	ug/L	50	98%
tert-Butylbenzene	49	ug/L	50	98%
1,2,4-Trimethylbenzene	50	ug/L	50	100%
sec-Butylbenzene	50	ug/L	50	100%
1,3-Dichlorobenzene	49	ug/L	50	98%
p-Isopropyltoluene	48	ug/L	50	96%
1,4-Dichlorobenzene	50	ug/L	50	100%
1,2-Dichlorobenzene	53	ug/L	50	106%
n-Butylbenzene	48	ug/L	50	96%
1,2-Dibromo-3-chloropropane	76	ug/L	50	152%
1,2,4-Trichlorobenzene	53	ug/L	50	106%
Hexachlorobutadiene	45	ug/L	50	90%
Naphthalene	59	ug/L	50	118%
1,2,3-Trichlorobenzene	55	ug/L	50	110%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	52	ug/L	50	104%
1,2-Dichloroethane d4	54	ug/L	50	108%
Toluene d8	44	ug/L	50	88%
Bromofluorobenzene	51	ug/L	50	102%

% Solids	
Dilution Factor	1
Soil Weight Preserved	
MeOH Volume	

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2239
Analysis Date: 12-Oct-99
Preserv. Date: N/A
Operator: JMK
Sample ID: CCV @ 50 NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	47	ug/L	50	94%
Chloromethane	47	ug/L	50	94%
Vinyl chloride	42	ug/L	50	84%
Bromomethane	36	ug/L	50	72%
Trichlorofluoromenthane	49	ug/L	50	98%
Chloroethane	49	ug/L	50	98%
1,1-Dichloroethene	50	ug/L	50	100%
Methylene chloride	46	ug/L	50	92%
trans-1,2-Dichloroethene	51	ug/L	50	102%
1,1-Dichloroethane	50	ug/L	50	100%
cis-1,2-Dichloroethene	52	ug/L	50	104%
Bromochloromethane	42	ug/L	50	84%
Chloroform	53	ug/L	50	106%
1,1,1-Trichloroethane	54	ug/L	50	108%
Carbon tetrachloride	57	ug/L	50	114%
1,1-Dichloropropene	51	ug/L	50	102%
Benzene	52	ug/L	50	104%
1,2-Dichloroethane	51	ug/L	50	102%
Trichloroethene	52	ug/L	50	104%
1,2-Dichloropropane	52	ug/L	50	104%
Dibromomethane	55	ug/L	50	110%
Bromodichloromethane	50	ug/L	50	100%
cis-1,3-Dichloropropene	54	ug/L	50	108%
Toluene	38	ug/L	50	76%
trans-1,3-Dichloropropene	48	ug/L	50	96%
1,1,2-Trichloroethane	49	ug/L	50	98%
Tetrachloroethene	45	ug/L	50	90%
1,3-Dichloropropane	52	ug/L	50	104%
Dibromochloromethane	43	ug/L	50	86%
1,2-Dibromoethane	48	ug/L	50	96%
Chlorobenzene	45	ug/L	50	90%
1,1,1,2-Tetrachlorethane	49	ug/L	50	98%
Ethylbenzene	49	ug/L	50	98%
m & p-Xylene	98	ug/L	100	98%
o-Xylene	49	ug/L	50	98%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	49	ug/L	50	98%
Bromoform	46	ug/L	50	92%
Isopropylbenzene	49	ug/L	50	98%
Bromobenzene	46	ug/L	50	92%
1,1,2,2-Tetrachloroethane	46	ug/L	50	92%
1,2,3-Trichloropropane	43	ug/L	50	86%
n-Propylbenzene	49	ug/L	50	98%
2-Chlorotoluene	48	ug/L	50	96%
4-Chlorotoluene	47	ug/L	50	94%
1,3,5-Trimethylbenzene	47	ug/L	50	94%
tert-Butylbenzene	49	ug/L	50	98%
1,2,4-Trimethylbenzene	47	ug/L	50	94%
sec-Butylbenzene	47	ug/L	50	94%
1,3-Dichlorobenzene	46	ug/L	50	92%
p-Isopropyltoluene	48	ug/L	50	96%
1,4-Dichlorobenzene	46	ug/L	50	92%
1,2-Dichlorobenzene	46	ug/L	50	92%
n-Butylbenzene	46	ug/L	50	92%
1,2-Dibromo-3-chloropropane	48	ug/L	50	96%
1,2,4-Trichlorobenzene	41	ug/L	50	82%
Hexachlorobutadiene	46	ug/L	50	92%
Naphthalene	29	ug/L	50	58%
1,2,3-Trichlorobenzene	40	ug/L	50	80%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	47	ug/L	50	94%

% Solids	
Dilution Factor	1
Soil Weight Preserved	
MeOH Volume	

(a) Reporting Limit is adjusted for the dilution factor and percent solids.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2241
Analysis Date: 11-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-IW06-GW01 (A092)
Matrix: Water
Date Sampled: 11-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	47	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	4.7	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	65	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	36	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW06-GW01 (A092)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	56	ug/L	50	112%
1,2-Dichloroethane d4	59	ug/L	50	118%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	51	ug/L	50	102%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2251
Analysis Date: 12-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW08-GW01 (A095)**
Matrix: Water
Date Sampled: 12-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	310 E	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	12	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	79	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	28	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	1.6	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW08-GW01 (A095)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	59	ug/L	50	118%
1,2-Dichloroethane d4	62	ug/L	50	124%
Toluene d8	46	ug/L	50	92%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2252
Analysis Date: 12-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW08-GW01 (A095) 5:1 RE**
Matrix: Water
Date Sampled: 12-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	180	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	5.5	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	48	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	12	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

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Sample ID: WP-SP11-IW08-GW01 (A095) 5:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	42	ug/L	50	84%
1,2-Dichloroethane d4	45	ug/L	50	90%
Toluene d8	47	ug/L	50	94%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor	5

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2255
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **D-1 (A096)**
Matrix: Water
Date Sampled: 19-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	14	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	5.1	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	92	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	8.8	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Sample ID: D-1 (A096)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	42	ug/L	50	84%
1,2-Dichloroethane d4	46	ug/L	50	92%
Toluene d8	58	ug/L	50	116%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2256
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW07HT1 (A097)
Matrix: Water
Date Sampled: 19-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	29	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	16	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	110	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	9.7	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Benton Harbor, MI 49002
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Sample ID: MW07HT1 (A097)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	54	ug/L	50	108%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2258
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW03-GW29 (A099)**
Matrix: Water
Date Sampled: 20-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	82	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.5	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	3.8	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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Sample ID: WP-SP11-MW03-GW29 (A099)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1, 1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	46	ug/L	50	92%
1,2-Dichloroethane d4	49	ug/L	50	98%
Toluene d8	47	ug/L	50	94%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2265
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-MW03-GW30 (A100)
Matrix: Water
Date Sampled: 19-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	82	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.4	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	4.3	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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667 West Main Street
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Sample ID: WP-SP11-MW03-GW30 (A100)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2266
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW05-GW01 (A101)**
Matrix: Water
Date Sampled: 19-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW05-GW01 (A101)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	57	ug/L	50	114%
1,2-Dichloroethane d4	53	ug/L	50	106%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	50	ug/L	50	100%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2273
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-MW02-GW01 (A102)
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	27	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	7.2	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	37	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-MW02-GW01 (A102)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	46	ug/L	50	92%
1,2-Dichloroethane d4	45	ug/L	50	90%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2274
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW09-GW01 (A104)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	60	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	21	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	93	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	1.9	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-MW09-GW01 (A104)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	52	ug/L	50	104%
1,2-Dichloroethane d4	52	ug/L	50	104%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	46	ug/L	50	92%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2273
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW04-GW01 (A105)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	25	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	2.5	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	14	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-MW04-GW01 (A105)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	48	ug/L	50	96%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2274
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-MW01-GW01 (A106)
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	59	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	5.8	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	11	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Sample ID: WP-SP11-MW01-GW01 (A106)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	56	ug/L	50	112%
1,2-Dichloroethane d4	53	ug/L	50	106%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2280
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW08-GW05 (A108)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	33	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	6.2	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	37	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-MW08-GW05 (A108)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	55	ug/L	50	110%
1,2-Dichloroethane d4	52	ug/L	50	104%
Toluene d8	46	ug/L	50	92%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
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ITT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2286
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW08-GW01 (A107)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	32	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	6.6	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	36	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW08-GW01 (A107)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	53	ug/L	50	106%
1,2-Dichloroethane d4	53	ug/L	50	106%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	46	ug/L	50	92%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
1 1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2287
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW07-GW01 (A109)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	25	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	30	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	140	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	7.9	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW07-GW01 (A109)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	59	ug/L	50	118%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	45	ug/L	50	90%
Bromofluorobenzene	46	ug/L	50	92%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2268
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV@ 50NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	42	ug/L	50	84%
Chloromethane	49	ug/L	50	98%
Vinyl chloride	40	ug/L	50	80%
Bromomethane	51	ug/L	50	102%
Trichlorofluoromenthane	59	ug/L	50	118%
Chloroethane	52	ug/L	50	104%
1,1-Dichloroethene	41	ug/L	50	82%
Methylene chloride	51	ug/L	50	102%
trans-1,2-Dichloroethene	40	ug/L	50	80%
1,1-Dichloroethane	47	ug/L	50	94%
cis-1,2-Dichloroethene	50	ug/L	50	100%
Bromochloromethane	53	ug/L	50	106%
Chloroform	51	ug/L	50	102%
1,1,1-Trichloroethane	46	ug/L	50	92%
Carbon tetrachloride	47	ug/L	50	94%
1,1-Dichloropropene	42	ug/L	50	84%
Benzene	48	ug/L	50	96%
1,2-Dichloroethane	49	ug/L	50	98%
Trichloroethene	45	ug/L	50	90%
1,2-Dichloropropane	55	ug/L	50	110%
Dibromomethane	53	ug/L	50	106%
Bromodichloromethane	50	ug/L	50	100%
cis-1,3-Dichloropropene	42	ug/L	50	84%
Toluene	45	ug/L	50	90%
trans-1,3-Dichloropropene	34	ug/L	50	68%
1,1,2-Trichloroethane	54	ug/L	50	108%
Tetrachloroethene	40	ug/L	50	80%
1,3-Dichloropropane	50	ug/L	50	100%
Dibromochloromethane	53	ug/L	50	106%
1,2-Dibromoethane	44	ug/L	50	88%
Chlorobenzene	45	ug/L	50	90%
1,1,1,2-Tetrachlorethane	45	ug/L	50	90%
Ethylbenzene	42	ug/L	50	84%
m & p-Xylene	82	ug/L	100	82%
o-Xylene	42	ug/L	50	84%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV@ 50NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	44	ug/L	50	88%
Bromoform	54	ug/L	50	108%
Isopropylbenzene	42	ug/L	50	84%
Bromobenzene	46	ug/L	50	92%
1,1,2,2-Tetrachloroethane	58	ug/L	50	116%
1,2,3-Trichloropropane	51	ug/L	50	102%
n-Propylbenzene	43	ug/L	50	86%
2-Chlorotoluene	42	ug/L	50	84%
4-Chlorotoluene	49	ug/L	50	98%
1,3,5-Trimethylbenzene	41	ug/L	50	82%
tert-Butylbenzene	42	ug/L	50	84%
1,2,4-Trimethylbenzene	43	ug/L	50	86%
sec-Butylbenzene	43	ug/L	50	86%
1,3-Dichlorobenzene	44	ug/L	50	88%
p-Isopropyltoluene	43	ug/L	50	86%
1,4-Dichlorobenzene	45	ug/L	50	90%
1,2-Dichlorobenzene	46	ug/L	50	92%
n-Butylbenzene	44	ug/L	50	88%
1,2-Dibromo-3-chloropropane	49	ug/L	50	98%
1,2,4-Trichlorobenzene	47	ug/L	50	94%
Hexachlorobutadiene	45	ug/L	50	90%
Naphthalene	32	ug/L	50	64%
1,2,3-Trichlorobenzene	45	ug/L	50	90%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	42	ug/L	50	84%
1,2-Dichloroethane d4	38	ug/L	50	76%
Toluene d8	33	ug/L	50	66%
Bromofluorobenzene	36	ug/L	50	72%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2253
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV @ 50NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	43	ug/L	50	86%
Chloromethane	45	ug/L	50	90%
Vinyl chloride	44	ug/L	50	88%
Bromomethane	50	ug/L	50	100%
Trichlorofluoromenthane	72	ug/L	50	144%
Chloroethane	50	ug/L	50	100%
1,1-Dichloroethene	44	ug/L	50	88%
Methylene chloride	42	ug/L	50	84%
trans-1,2-Dichloroethene	41	ug/L	50	82%
1,1-Dichloroethane	54	ug/L	50	108%
cis-1,2-Dichloroethene	50	ug/L	50	100%
Bromochloromethane	44	ug/L	50	88%
Chloroform	51	ug/L	50	102%
1,1,1-Trichloroethane	45	ug/L	50	90%
Carbon tetrachloride	49	ug/L	50	98%
1,1-Dichloropropene	45	ug/L	50	90%
Benzene	49	ug/L	50	98%
1,2-Dichloroethane	48	ug/L	50	96%
Trichloroethene	50	ug/L	50	100%
1,2-Dichloropropane	53	ug/L	50	106%
Dibromomethane	53	ug/L	50	106%
Bromodichloromethane	54	ug/L	50	108%
cis-1,3-Dichloropropene	37	ug/L	50	74%
Toluene	56	ug/L	50	112%
trans-1,3-Dichloropropene	19	ug/L	50	38%
1,1,2-Trichloroethane	57	ug/L	50	114%
Tetrachloroethene	58	ug/L	50	116%
1,3-Dichloropropane	49	ug/L	50	98%
Dibromochloromethane	61	ug/L	50	122%
1,2-Dibromoethane	45	ug/L	50	90%
Chlorobenzene	45	ug/L	50	90%
1,1,1,2-Tetrachlorethane	43	ug/L	50	86%
Ethylbenzene	43	ug/L	50	86%
m & p-Xylene	87	ug/L	100	87%
o-Xylene	45	ug/L	50	90%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	45	ug/L	50	90%
Bromoform	56	ug/L	50	112%
Isopropylbenzene	45	ug/L	50	90%
Bromobenzene	50	ug/L	50	100%
1,1,2,2-Tetrachloroethane	45	ug/L	50	90%
1,2,3-Trichloropropane	42	ug/L	50	84%
n-Propylbenzene	44	ug/L	50	88%
2-Chlorotoluene	46	ug/L	50	92%
4-Chlorotoluene	50	ug/L	50	100%
1,3,5-Trimethylbenzene	42	ug/L	50	84%
tert-Butylbenzene	46	ug/L	50	92%
1,2,4-Trimethylbenzene	42	ug/L	50	84%
sec-Butylbenzene	42	ug/L	50	84%
1,3-Dichlorobenzene	47	ug/L	50	94%
p-Isopropyltoluene	44	ug/L	50	88%
1,4-Dichlorobenzene	46	ug/L	50	92%
1,2-Dichlorobenzene	47	ug/L	50	94%
n-Butylbenzene	42	ug/L	50	84%
1,2-Dibromo-3-chloropropane	34	ug/L	50	68%
1,2,4-Trichlorobenzene	49	ug/L	50	98%
Hexachlorobutadiene	51	ug/L	50	102%
Naphthalene	52	ug/L	50	104%
1,2,3-Trichlorobenzene	51	ug/L	50	102%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	54	ug/L	50	108%
1,2-Dichloroethane d4	46	ug/L	50	92%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	46	ug/L	50	92%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2282
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV@ 50 NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	32	ug/L	50	64%
Chloromethane	41	ug/L	50	82%
Vinyl chloride	46	ug/L	50	92%
Bromomethane	49	ug/L	50	98%
Trichlorofluoromenthane	44	ug/L	50	88%
Chloroethane	53	ug/L	50	106%
1,1-Dichloroethene	43	ug/L	50	86%
Methylene chloride	44	ug/L	50	88%
trans-1,2-Dichloroethene	40	ug/L	50	80%
1,1-Dichloroethane	48	ug/L	50	96%
cis-1,2-Dichloroethene	44	ug/L	50	88%
Bromochloromethane	41	ug/L	50	82%
Chloroform	50	ug/L	50	100%
1,1,1-Trichloroethane	46	ug/L	50	92%
Carbon tetrachloride	46	ug/L	50	92%
1,1-Dichloropropene	42	ug/L	50	84%
Benzene	44	ug/L	50	88%
1,2-Dichloroethane	47	ug/L	50	94%
Trichloroethene	44	ug/L	50	88%
1,2-Dichloropropane	49	ug/L	50	98%
Dibromomethane	48	ug/L	50	96%
Bromodichloromethane	49	ug/L	50	98%
cis-1,3-Dichloropropene	41	ug/L	50	82%
Toluene	48	ug/L	50	96%
trans-1,3-Dichloropropene	28	ug/L	50	56%
1,1,2-Trichloroethane	48	ug/L	50	96%
Tetrachloroethene	46	ug/L	50	92%
1,3-Dichloropropane	46	ug/L	50	92%
Dibromochloromethane	51	ug/L	50	102%
1,2-Dibromoethane	42	ug/L	50	84%
Chlorobenzene	42	ug/L	50	84%
1,1,1,2-Tetrachlorethane	40	ug/L	50	80%
Ethylbenzene	41	ug/L	50	82%
m & p-Xylene	82	ug/L	100	82%
o-Xylene	41	ug/L	50	82%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV@ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	42	ug/L	50	84%
Bromoform	48	ug/L	50	96%
Isopropylbenzene	41	ug/L	50	82%
Bromobenzene	42	ug/L	50	82%
1,1,2,2-Tetrachloroethane	48	ug/L	50	84%
1,2,3-Trichloropropane	43	ug/L	50	96%
n-Propylbenzene	41	ug/L	50	86%
2-Chlorotoluene	42	ug/L	50	82%
4-Chlorotoluene	40	ug/L	50	84%
1,3,5-Trimethylbenzene	39	ug/L	50	78%
tert-Butylbenzene	40	ug/L	50	80%
1,2,4-Trimethylbenzene	38	ug/L	50	76%
sec-Butylbenzene	38	ug/L	50	76%
1,3-Dichlorobenzene	40	ug/L	50	80%
p-Isopropyltoluene	38	ug/L	50	76%
1,4-Dichlorobenzene	40	ug/L	50	80%
1,2-Dichlorobenzene	40	ug/L	50	80%
n-Butylbenzene	37	ug/L	50	74%
1,2-Dibromo-3-chloropropane	46	ug/L	50	92%
1,2,4-Trichlorobenzene	41	ug/L	50	82%
Hexachlorobutadiene	44	ug/L	50	88%
Naphthalene	39	ug/L	50	78%
1,2,3-Trichlorobenzene	41	ug/L	50	82%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	42	ug/L	50	84%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	39	ug/L	50	78%
Bromofluorobenzene	37	ug/L	50	74%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2277
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW05-GW01 (A101)MS**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	45	ug/L	50	90%
Chloromethane	43	ug/L	50	86%
Vinyl chloride	58	ug/L	50	116%
Bromomethane	33	ug/L	50	66%
Trichlorofluoromenthane	54	ug/L	50	108%
Chloroethane	80	ug/L	50	160%
1,1-Dichloroethene	42	ug/L	50	84%
Methylene chloride	45	ug/L	50	90%
trans-1,2-Dichloroethene	42	ug/L	50	84%
1,1-Dichloroethane	48	ug/L	50	96%
cis-1,2-Dichloroethene	43	ug/L	50	86%
Bromochloromethane	42	ug/L	50	84%
Chloroform	48	ug/L	50	96%
1,1,1-Trichloroethane	46	ug/L	50	92%
Carbon tetrachloride	43	ug/L	50	86%
1,1-Dichloropropene	38	ug/L	50	76%
Benzene	38	ug/L	50	76%
1,2-Dichloroethane	43	ug/L	50	86%
Trichloroethene	42	ug/L	50	84%
1,2-Dichloropropane	44	ug/L	50	88%
Dibromomethane	45	ug/L	50	90%
Bromodichloromethane	54	ug/L	50	108%
cis-1,3-Dichloropropene	44	ug/L	50	88%
Toluene	45	ug/L	50	90%
trans-1,3-Dichloropropene	37	ug/L	50	74%
1,1,2-Trichloroethane	48	ug/L	50	96%
Tetrachloroethene	42	ug/L	50	84%
1,3-Dichloropropane	47	ug/L	50	94%
Dibromochloromethane	52	ug/L	50	104%
1,2-Dibromoethane	43	ug/L	50	86%
Chlorobenzene	35	ug/L	50	70%
1,1,1,2-Tetrachlorethane	37	ug/L	50	74%
Ethylbenzene	36	ug/L	50	72%
m & p-Xylene	71	ug/L	100	71%
o-Xylene	36	ug/L	50	72%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW05-GW01 (A101)MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	35	ug/L	50	70%
Bromoform	41	ug/L	50	82%
Isopropylbenzene	36	ug/L	50	72%
Bromobenzene	36	ug/L	50	72%
1,1,2,2-Tetrachloroethane	38	ug/L	50	76%
1,2,3-Trichloropropane	35	ug/L	50	70%
n-Propylbenzene	36	ug/L	50	72%
2-Chlorotoluene	36	ug/L	50	72%
4-Chlorotoluene	35	ug/L	50	70%
1,3,5-Trimethylbenzene	37	ug/L	50	74%
tert-Butylbenzene	36	ug/L	50	72%
1,2,4-Trimethylbenzene	37	ug/L	50	74%
sec-Butylbenzene	37	ug/L	50	74%
1,3-Dichlorobenzene	36	ug/L	50	72%
p-Isopropyltoluene	36	ug/L	50	72%
1,4-Dichlorobenzene	36	ug/L	50	72%
1,2-Dichlorobenzene	36	ug/L	50	72%
n-Butylbenzene	39	ug/L	50	78%
1,2-Dibromo-3-chloropropane	40	ug/L	50	80%
1,2,4-Trichlorobenzene	41	ug/L	50	82%
Hexachlorobutadiene	44	ug/L	50	88%
Naphthalene	23	ug/L	50	46%
1,2,3-Trichlorobenzene	41	ug/L	50	82%

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	46	ug/L	50	92%
Toluene d8	44	ug/L	50	88%
Bromofluorobenzene	38	ug/L	50	76%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2278
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-MW05-GW01 (A101)MSD
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Dichlorofluoromethane	39	ug/L	50	78%	-14%
Chloromethane	36	ug/L	50	72%	-18%
Vinyl chloride	39	ug/L	50	78%	-39%
Bromomethane	54	ug/L	50	108%	48%
Trichlorofluoromenthane	35	ug/L	50	70%	-43%
Chloroethane	64	ug/L	50	128%	-22%
1,1-Dichloroethene	46	ug/L	50	92%	9%
Methylene chloride	43	ug/L	50	86%	-5%
trans-1,2-Dichloroethene	46	ug/L	50	92%	9%
1,1-Dichloroethane	52	ug/L	50	104%	8%
cis-1,2-Dichloroethene	49	ug/L	50	98%	13%
Bromochloromethane	44	ug/L	50	88%	5%
Chloroform	55	ug/L	50	110%	14%
1,1,1-Trichloroethane	41	ug/L	50	82%	-11%
Carbon tetrachloride	41	ug/L	50	82%	-5%
1,1-Dichloropropene	48	ug/L	50	96%	23%
Benzene	51	ug/L	50	102%	29%
1,2-Dichloroethane	51	ug/L	50	102%	17%
Trichloroethene	51	ug/L	50	102%	19%
1,2-Dichloropropane	53	ug/L	50	106%	19%
Dibromomethane	52	ug/L	50	104%	14%
Bromodichloromethane	55	ug/L	50	110%	2%
cis-1,3-Dichloropropene	45	ug/L	50	90%	2%
Toluene	55	ug/L	50	110%	20%
trans-1,3-Dichloropropene	26	ug/L	50	52%	-35%
1,1,2-Trichloroethane	52	ug/L	50	104%	8%
Tetrachloroethene	51	ug/L	50	102%	19%
1,3-Dichloropropane	47	ug/L	50	94%	0%
Dibromochloromethane	53	ug/L	50	106%	2%
1,2-Dibromoethane	42	ug/L	50	84%	-2%
Chlorobenzene	47	ug/L	50	94%	29%
1,1,1,2-Tetrachlorethane	45	ug/L	50	90%	20%
Ethylbenzene	48	ug/L	50	96%	29%
m & p-Xylene	96	ug/L	100	96%	30%
o-Xylene	49	ug/L	50	98%	31%

Continued

New Age/Landmark
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW05-GW01 (A101)MSD

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Styrene	48	ug/L	50	96%	31%
Bromoform	49	ug/L	50	98%	18%
Isopropylbenzene	49	ug/L	50	98%	31%
Bromobenzene	48	ug/L	50	96%	29%
1,1,2,2-Tetrachloroethane	47	ug/L	50	94%	21%
1,2,3-Trichloropropane	45	ug/L	50	90%	25%
n-Propylbenzene	47	ug/L	50	94%	27%
2-Chlorotoluene	49	ug/L	50	98%	31%
4-Chlorotoluene	47	ug/L	50	94%	29%
1,3,5-Trimethylbenzene	44	ug/L	50	88%	17%
tert-Butylbenzene	47	ug/L	50	94%	27%
1,2,4-Trimethylbenzene	43	ug/L	50	86%	15%
sec-Butylbenzene	43	ug/L	50	86%	15%
1,3-Dichlorobenzene	46	ug/L	50	92%	24%
p-Isopropyltoluene	44	ug/L	50	88%	20%
1,4-Dichlorobenzene	45	ug/L	50	90%	22%
1,2-Dichlorobenzene	46	ug/L	50	92%	24%
n-Butylbenzene	42	ug/L	50	84%	7%
1,2-Dibromo-3-chloropropane	49	ug/L	50	98%	20%
1,2,4-Trichlorobenzene	44	ug/L	50	88%	7%
Hexachlorobutadiene	37	ug/L	50	74%	-17%
Naphthalene	35	ug/L	50	70%	41%
1,2,3-Trichlorobenzene	44	ug/L	50	88%	7%

Surrogates			Spike Amount	% Rec	% RSD
Dibromofluoromethane	53	ug/L	50	106%	6%
1,2-Dichloroethane d4	49	ug/L	50	98%	6%
Toluene d8	50	ug/L	50	100%	13%
Bromofluorobenzene	48	ug/L	50	96%	23%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2379
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW01-GW01 (A172)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	21	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	23	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	82	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	4.5	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW01-GW01 (A172)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	68	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	54	ug/L	50	108%
1,2-Dichloroethane d4	56	ug/L	50	112%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	51	ug/L	50	102%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2380
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-IW03-GW01 (A173)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	4.9	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	15	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	70	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	7.5	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW03-GW01 (A173)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	51	ug/L	50	102%
1,2-Dichloroethane d4	49	ug/L	50	98%
Toluene d8	56	ug/L	50	112%
Bromofluorobenzene	51	ug/L	50	102%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2381
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW05-GW01 (A174)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	200	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	7.2	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	21	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW05-GW01 (A174)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	44	ug/L	50	88%
1,2-Dichloroethane d4	46	ug/L	50	92%
Toluene d8	60	ug/L	50	120%
Bromofluorobenzene	47	ug/L	50	94%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2382
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-IW08-GW01 (A175)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	49	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	3.2	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	25	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	2.8	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW08-GW01 (A175)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	46	ug/L	50	92%
1,2-Dichloroethane d4	45	ug/L	50	90%
Toluene d8	56	ug/L	50	112%
Bromofluorobenzene	48	ug/L	50	96%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2383
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW02-GW01 (A176)**
Matrix: Water
Date Sampled: 25-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	5	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	18	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	370 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	17	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Sample ID: WP-SP11-IW02-GW01 (A176)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	53	ug/L	50	106%
1,2-Dichloroethane d4	50	ug/L	50	100%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	53	ug/L	50	106%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2384
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **DECON-1 (A177)**
Matrix: Water
Date Sampled: 25-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	11	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: DECON-1 (A177)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	43	ug/L	50	86%
1,2-Dichloroethane d4	44	ug/L	50	88%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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Sample ID: WP-SP11-IW02-GW01 (A176)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	53	ug/L	50	106%
1,2-Dichloroethane d4	50	ug/L	50	100%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	53	ug/L	50	106%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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Sample ID: WATER SOURCE (A049)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	51	ug/L	50	102%
1,2-Dichloroethane d4	55	ug/L	50	110%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	53	ug/L	50	106%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2163
Analysis Date: 5-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **FAAB-SB14-GW01 (A050)**
Matrix: Water
Date Sampled: 5-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	4.8	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	91	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	280 E	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	34	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2385
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-IW06-GW01 (A178)
Matrix: Water
Date Sampled: 25-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	22	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.9	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	4	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-IW06-GW01 (A178)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	52	ug/L	50	104%
1,2-Dichloroethane d4	50	ug/L	50	100%
Toluene d8	54	ug/L	50	108%
Bromofluorobenzene	52	ug/L	50	104%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2386
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW04-GW01 (A179)**
Matrix: Water
Date Sampled: 25-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	66	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	3.4	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	5.5	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-IW04-GW01 (A179)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	55	ug/L	50	110%
1,2-Dichloroethane d4	55	ug/L	50	110%
Toluene d8	56	ug/L	50	112%
Bromofluorobenzene	52	ug/L	50	104%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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Benton Harbor, MI 49002
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2388
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW07 (A180)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	11	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	97	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	82	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW07 (A180)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	42	ug/L	50	84%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	40	ug/L	50	80%
Bromofluorobenzene	40	ug/L	50	80%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2389
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW03 (A181)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	2.4	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.5	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	29	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	12	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-MW03 (A181)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	59	ug/L	50	118%
1,2-Dichloroethane d4	61	ug/L	50	122%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	51	ug/L	50	102%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2390
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW09 (A182)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	19	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	24	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	97	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-MW09 (A182)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	39	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	58	ug/L	50	116%
1,2-Dichloroethane d4	56	ug/L	50	112%
Toluene d8	57	ug/L	50	114%
Bromofluorobenzene	56	ug/L	50	112%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2394
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: T-1-4-W (A186)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: T-1-4-W (A186)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	70	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	48	ug/L	50	96%
1,2-Dichloroethane d4	42	ug/L	50	84%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2395
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **T-1-7-W (A188)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Mobile Laboratory Services
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Sample ID: T-1-7-W (A188)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1, 1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	97	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	54	ug/L	50	108%
1,2-Dichloroethane d4	50	ug/L	50	100%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	48	ug/L	50	96%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2396
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: T-1-6-W (A183)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: T-1-6-W (A183)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	71	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	43	ug/L	50	86%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	50	ug/L	50	100%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2400
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW02-GW01 (A176) 5:1 RE**
Matrix: Water
Date Sampled: 25-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	25
Chloromethane	ND	ug/L	25
Vinyl chloride	ND	ug/L	10
Bromomethane	ND	ug/L	25
Trichlorofluoromenthane	ND	ug/L	25
Chloroethane	ND	ug/L	25
1,1-Dichloroethene	ND	ug/L	5
Methylene chloride	ND	ug/L	25
trans-1,2-Dichloroethene	16	ug/L	5
1,1-Dichloroethane	ND	ug/L	5
cis-1,2-Dichloroethene	310	ug/L	5
Bromochloromethane	ND	ug/L	10
Chloroform	ND	ug/L	5
1,1,1-Trichloroethane	ND	ug/L	5
Carbon tetrachloride	ND	ug/L	5
1,1-Dichloropropene	ND	ug/L	5
Benzene	ND	ug/L	5
1,2-Dichloroethane	ND	ug/L	5
Trichloroethene	15	ug/L	5
1,2-Dichloropropane	ND	ug/L	5
Dibromomethane	ND	ug/L	10
Bromodichloromethane	ND	ug/L	10
cis-1,3-Dichloropropene	ND	ug/L	5
Toluene	ND	ug/L	5
trans-1,3-Dichloropropene	ND	ug/L	5
1,1,2-Trichloroethane	ND	ug/L	5
Tetrachloroethene	ND	ug/L	5
1,3-Dichloropropane	ND	ug/L	5
Dibromochloromethane	ND	ug/L	10
1,2-Dibromoethane	ND	ug/L	5
Chlorobenzene	ND	ug/L	5
1,1,1,2-Tetrachlorethane	ND	ug/L	10
Ethylbenzene	ND	ug/L	5
m & p-Xylene	ND	ug/L	10
o-Xylene	ND	ug/L	5

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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Sample ID: WP-SP11-IW02-GW01 (A176) 5:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	5
Bromoform	ND	ug/L	10
Isopropylbenzene	ND	ug/L	10
Bromobenzene	ND	ug/L	10
1,1,2,2-Tetrachloroethane	ND	ug/L	10
1,2,3-Trichloropropane	ND	ug/L	10
n-Propylbenzene	ND	ug/L	10
2-Chlorotoluene	ND	ug/L	10
4-Chlorotoluene	ND	ug/L	10
1,3,5-Trimethylbenzene	ND	ug/L	10
tert-Butylbenzene	ND	ug/L	10
1,2,4-Trimethylbenzene	ND	ug/L	10
sec-Butylbenzene	ND	ug/L	10
1,3-Dichlorobenzene	ND	ug/L	10
p-Isopropyltoluene	ND	ug/L	10
1,4-Dichlorobenzene	ND	ug/L	10
1,2-Dichlorobenzene	ND	ug/L	10
n-Butylbenzene	ND	ug/L	10
1,2-Dibromo-3-chloropropane	ND	ug/L	25
1,2,4-Trichlorobenzene	ND	ug/L	25
Hexachlorobutadiene	ND	ug/L	25
Naphthalene	ND	ug/L	25
1,2,3-Trichlorobenzene	ND	ug/L	25
Acetone (b)	ND	ug/L	25
Methyl Ethyl Ketone (b)	ND	ug/L	25

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	48	ug/L	50	96%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 5

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2401
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **R-1-3-4W (A184)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	25	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	69	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: R-1-3-4W (A184)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	33	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	53	ug/L	50	106%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	55	ug/L	50	110%
Bromofluorobenzene	50	ug/L	50	100%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2402
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: T-1-5-W (A185)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	ND	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	ND	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: T-1-5-W (A185)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	52	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	40	ug/L	50	80%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	42	ug/L	50	84%
Bromofluorobenzene	40	ug/L	50	80%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2403
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: R-1-0-0-W (A187)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	51	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	200	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: R-1-0-0-W (A187)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	54	ug/L	50	108%
1,2-Dichloroethane d4	51	ug/L	50	102%
Toluene d8	48	ug/L	50	96%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2404
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **R-1-15-4-W (A189)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	24	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	59	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Sample ID: R-1-15-4-W (A189)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	45	ug/L	50	90%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	42	ug/L	50	84%
Bromofluorobenzene	41	ug/L	50	82%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2405
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **R-1-7-4-W (A190)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	29	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	89	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
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Sample ID: R-1-7-4-W (A190)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	54	ug/L	50	108%
1,2-Dichloroethane d4	50	ug/L	50	100%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	49	ug/L	50	98%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2409
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW07 (A215)**
Matrix: Water
Date Sampled: 28-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	72	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	720 E	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	110	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW07 (A215)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	43	ug/L	50	86%
Toluene d8	40	ug/L	50	80%
Bromofluorobenzene	44	ug/L	50	88%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2410
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW03 (A216)**
Matrix: Water
Date Sampled: 28-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	3.5	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	52	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	13	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: WP-SP11-MW03 (A216)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	61	ug/L	50	122%
1,2-Dichloroethane d4	57	ug/L	50	114%
Toluene d8	46	ug/L	50	92%
Bromofluorobenzene	54	ug/L	50	108%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2411
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-MW07 (A215) 10:1 RE
Matrix: Water
Date Sampled: 28-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	50
Chloromethane	ND	ug/L	50
Vinyl chloride	ND	ug/L	20
Bromomethane	ND	ug/L	50
Trichlorofluoromenthane	ND	ug/L	50
Chloroethane	ND	ug/L	50
1,1-Dichloroethene	ND	ug/L	10
Methylene chloride	ND	ug/L	50
trans-1,2-Dichloroethene	54	ug/L	10
1,1-Dichloroethane	ND	ug/L	10
cis-1,2-Dichloroethene	560	ug/L	10
Bromochloromethane	ND	ug/L	20
Chloroform	ND	ug/L	10
1,1,1-Trichloroethane	ND	ug/L	10
Carbon tetrachloride	ND	ug/L	10
1,1-Dichloropropene	ND	ug/L	10
Benzene	ND	ug/L	10
1,2-Dichloroethane	ND	ug/L	10
Trichloroethene	.82	ug/L	10
1,2-Dichloropropane	ND	ug/L	10
Dibromomethane	ND	ug/L	20
Bromodichloromethane	ND	ug/L	20
cis-1,3-Dichloropropene	ND	ug/L	10
Toluene	ND	ug/L	10
trans-1,3-Dichloropropene	ND	ug/L	10
1,1,2-Trichloroethane	ND	ug/L	10
Tetrachloroethene	ND	ug/L	10
1,3-Dichloropropane	ND	ug/L	10
Dibromochloromethane	ND	ug/L	20
1,2-Dibromoethane	ND	ug/L	10
Chlorobenzene	ND	ug/L	10
1,1,1,2-Tetrachlorethane	ND	ug/L	20
Ethylbenzene	ND	ug/L	10
m & p-Xylene	ND	ug/L	20
o-Xylene	ND	ug/L	10

Continued

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW07 (A215) 10:1 RE

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	10
Bromoform	ND	ug/L	20
Isopropylbenzene	ND	ug/L	20
Bromobenzene	ND	ug/L	20
1,1,2,2-Tetrachloroethane	ND	ug/L	20
1,2,3-Trichloropropane	ND	ug/L	20
n-Propylbenzene	ND	ug/L	20
2-Chlorotoluene	ND	ug/L	20
4-Chlorotoluene	ND	ug/L	20
1,3,5-Trimethylbenzene	ND	ug/L	20
tert-Butylbenzene	ND	ug/L	20
1,2,4-Trimethylbenzene	ND	ug/L	20
sec-Butylbenzene	ND	ug/L	20
1,3-Dichlorobenzene	ND	ug/L	20
p-Isopropyltoluene	ND	ug/L	20
1,4-Dichlorobenzene	ND	ug/L	20
1,2-Dichlorobenzene	ND	ug/L	20
n-Butylbenzene	ND	ug/L	20
1,2-Dibromo-3-chloropropane	ND	ug/L	50
1,2,4-Trichlorobenzene	ND	ug/L	50
Hexachlorobutadiene	ND	ug/L	50
Naphthalene	ND	ug/L	50
1,2,3-Trichlorobenzene	ND	ug/L	50
Acetone (b)	ND	ug/L	50
Methyl Ethyl Ketone (b)	ND	ug/L	50

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	41	ug/L	50	82%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	40	ug/L	50	80%
Dilution Factor	10			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2417
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: R-1-3-8-W (A199)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	36	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	138	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Sample ID: R-1-3-8-W (A199)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	52	ug/L	50	104%
1,2-Dichloroethane d4	49	ug/L	50	98%
Toluene d8	45	ug/L	50	90%
Bromofluorobenzene	49	ug/L	50	98%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2418
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **R-1-7-8-W (A200)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	24	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	78	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: R-1-7-8-W (A200)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	51	ug/L	50	102%
1,2-Dichloroethane d4	45	ug/L	50	90%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	52	ug/L	50	104%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2419
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: R-1-15-8-W (A201)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	46	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	71	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
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Sample ID: R-1-15-8-W (A201)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	58	ug/L	50	116%
1,2-Dichloroethane d4	51	ug/L	50	102%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	52	ug/L	50	104%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2425
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: R-1-3-24-W (A202)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	36	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	79	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: R-1-3-24-W (A202)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	41	ug/L	50	82%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	45	ug/L	50	90%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2426
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **R-1-0-24-W (A203)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	3	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	1.1	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	53	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	84	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

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Sample ID: R-1-0-24-W (A203)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	51	ug/L	50	102%
1,2-Dichloroethane d4	46	ug/L	50	92%
Toluene d8	49	ug/L	50	98%
Bromofluorobenzene	48	ug/L	50	96%

Dilution Factor	1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2427
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **R-1-7-24-W (A204)**
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	25	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	57	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
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Sample ID: R-1-7-24-W (A204)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	52	ug/L	50	104%
1,2-Dichloroethane d4	44	ug/L	50	88%
Toluene d8	52	ug/L	50	104%
Bromofluorobenzene	51	ug/L	50	102%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2428
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: R-1-15-24-W (A205)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	31	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	70	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: R-1-15-24-W (A205)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	52	ug/L	50	104%
1,2-Dichloroethane d4	49	ug/L	50	98%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	50	ug/L	50	100%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
1499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2429
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: R-1-0-24Q-W (A206)
Matrix: Water
Date Sampled: 27-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	31	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	51	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: R-1-0-24Q-W (A206)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	ND	ug/L	5
Methyl Ethyl Ketone (b)	ND	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	55	ug/L	50	110%
1,2-Dichloroethane d4	48	ug/L	50	96%
Toluene d8	58	ug/L	50	116%
Bromofluorobenzene	50	ug/L	50	100%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2437
Analysis Date: 29-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW07 10:1DIL (A217)**
Matrix: Water
Date Sampled: 29-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	50
Chloromethane	ND	ug/L	50
Vinyl chloride	ND	ug/L	20
Bromomethane	ND	ug/L	50
Trichlorofluoromenthane	ND	ug/L	50
Chloroethane	ND	ug/L	50
1,1-Dichloroethene	ND	ug/L	10
Methylene chloride	ND	ug/L	50
trans-1,2-Dichloroethene	ND	ug/L	10
1,1-Dichloroethane	ND	ug/L	10
cis-1,2-Dichloroethene	ND	ug/L	10
Bromochloromethane	ND	ug/L	20
Chloroform	ND	ug/L	10
1,1,1-Trichloroethane	ND	ug/L	10
Carbon tetrachloride	ND	ug/L	10
1,1-Dichloropropene	ND	ug/L	10
Benzene	ND	ug/L	10
1,2-Dichloroethane	ND	ug/L	10
Trichloroethene	ND	ug/L	10
1,2-Dichloropropane	ND	ug/L	10
Dibromomethane	ND	ug/L	20
Bromodichloromethane	ND	ug/L	20
cis-1,3-Dichloropropene	ND	ug/L	10
Toluene	ND	ug/L	10
trans-1,3-Dichloropropene	ND	ug/L	10
1,1,2-Trichloroethane	ND	ug/L	10
Tetrachloroethene	ND	ug/L	10
1,3-Dichloropropane	ND	ug/L	10
Dibromochloromethane	ND	ug/L	20
1,2-Dibromoethane	ND	ug/L	10
Chlorobenzene	ND	ug/L	10
1,1,1,2-Tetrachlorethane	ND	ug/L	20
Ethylbenzene	ND	ug/L	10
m & p-Xylene	ND	ug/L	20
o-Xylene	ND	ug/L	10

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW07 10:1DIL (A217)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	10
Bromoform	ND	ug/L	20
Isopropylbenzene	ND	ug/L	20
Bromobenzene	ND	ug/L	20
1,1,2,2-Tetrachloroethane	ND	ug/L	20
1,2,3-Trichloropropane	ND	ug/L	20
n-Propylbenzene	ND	ug/L	20
2-Chlorotoluene	ND	ug/L	20
4-Chlorotoluene	ND	ug/L	20
1,3,5-Trimethylbenzene	ND	ug/L	20
tert-Butylbenzene	ND	ug/L	20
1,2,4-Trimethylbenzene	ND	ug/L	20
sec-Butylbenzene	ND	ug/L	20
1,3-Dichlorobenzene	ND	ug/L	20
p-Isopropyltoluene	ND	ug/L	20
1,4-Dichlorobenzene	ND	ug/L	20
1,2-Dichlorobenzene	ND	ug/L	20
n-Butylbenzene	ND	ug/L	20
1,2-Dibromo-3-chloropropane	ND	ug/L	50
1,2,4-Trichlorobenzene	ND	ug/L	50
Hexachlorobutadiene	ND	ug/L	50
Naphthalene	ND	ug/L	50
1,2,3-Trichlorobenzene	ND	ug/L	50
Acetone (b)	ND	ug/L	50
Methyl Ethyl Ketone (b)	ND	ug/L	50

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	54	ug/L	50	108%
1,2-Dichloroethane d4	44	ug/L	50	88%
Toluene d8	50	ug/L	50	100%
Bromofluorobenzene	46	ug/L	50	92%
Dilution Factor	10			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2440
Analysis Date: 29-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-MW07 (A217) RERUN**
Matrix: Water
Date Sampled: 29-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	4.5	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	6.6	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Sample ID: WP-SP11-MW07 (A217) RERUN

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	320	ug/L	5
Methyl Ethyl Ketone (b)	6.8	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	46	ug/L	50	92%
1,2-Dichloroethane d4	40	ug/L	50	80%
Toluene d8	53	ug/L	50	106%
Bromofluorobenzene	47	ug/L	50	94%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2438
Analysis Date: 29-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-MW03 (A218)
Matrix: Water
Date Sampled: 29-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	REPORTING LIMIT (a)
Dichlorofluoromethane	ND	ug/L	5
Chloromethane	ND	ug/L	5
Vinyl chloride	ND	ug/L	2
Bromomethane	ND	ug/L	5
Trichlorofluoromenthane	ND	ug/L	5
Chloroethane	ND	ug/L	5
1,1-Dichloroethene	ND	ug/L	1
Methylene chloride	ND	ug/L	5
trans-1,2-Dichloroethene	ND	ug/L	1
1,1-Dichloroethane	ND	ug/L	1
cis-1,2-Dichloroethene	7.7	ug/L	1
Bromochloromethane	ND	ug/L	2
Chloroform	ND	ug/L	1
1,1,1-Trichloroethane	ND	ug/L	1
Carbon tetrachloride	ND	ug/L	1
1,1-Dichloropropene	ND	ug/L	1
Benzene	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	1
Trichloroethene	3.1	ug/L	1
1,2-Dichloropropane	ND	ug/L	1
Dibromomethane	ND	ug/L	2
Bromodichloromethane	ND	ug/L	2
cis-1,3-Dichloropropene	ND	ug/L	1
Toluene	ND	ug/L	1
trans-1,3-Dichloropropene	ND	ug/L	1
1,1,2-Trichloroethane	ND	ug/L	1
Tetrachloroethene	ND	ug/L	1
1,3-Dichloropropane	ND	ug/L	1
Dibromochloromethane	ND	ug/L	2
1,2-Dibromoethane	ND	ug/L	1
Chlorobenzene	ND	ug/L	1
1,1,1,2-Tetrachlorethane	ND	ug/L	2
Ethylbenzene	ND	ug/L	1
m & p-Xylene	ND	ug/L	2
o-Xylene	ND	ug/L	1

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-MW03 (A218)

Continued	RESULTS	UNITS	REPORTING LIMIT (a)
Styrene	ND	ug/L	1
Bromoform	ND	ug/L	2
Isopropylbenzene	ND	ug/L	2
Bromobenzene	ND	ug/L	2
1,1,2,2-Tetrachloroethane	ND	ug/L	2
1,2,3-Trichloropropane	ND	ug/L	2
n-Propylbenzene	ND	ug/L	2
2-Chlorotoluene	ND	ug/L	2
4-Chlorotoluene	ND	ug/L	2
1,3,5-Trimethylbenzene	ND	ug/L	2
tert-Butylbenzene	ND	ug/L	2
1,2,4-Trimethylbenzene	ND	ug/L	2
sec-Butylbenzene	ND	ug/L	2
1,3-Dichlorobenzene	ND	ug/L	2
p-Isopropyltoluene	ND	ug/L	2
1,4-Dichlorobenzene	ND	ug/L	2
1,2-Dichlorobenzene	ND	ug/L	2
n-Butylbenzene	ND	ug/L	2
1,2-Dibromo-3-chloropropane	ND	ug/L	5
1,2,4-Trichlorobenzene	ND	ug/L	5
Hexachlorobutadiene	ND	ug/L	5
Naphthalene	ND	ug/L	5
1,2,3-Trichlorobenzene	ND	ug/L	5
Acetone (b)	780	ug/L	5
Methyl Ethyl Ketone (b)	14	ug/L	5

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	50	ug/L	50	100%
1,2-Dichloroethane d4	42	ug/L	50	84%
Toluene d8	54	ug/L	50	108%
Bromofluorobenzene	49	ug/L	50	98%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2398
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV@ 50NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	43	ug/L	50	86%
Chloromethane	47	ug/L	50	94%
Vinyl chloride	47	ug/L	50	94%
Bromomethane	41	ug/L	50	82%
Trichlorofluoromenthane	45	ug/L	50	90%
Chloroethane	41	ug/L	50	82%
1,1-Dichloroethene	51	ug/L	50	102%
Methylene chloride	64	ug/L	50	128%
trans-1,2-Dichloroethene	53	ug/L	50	106%
1,1-Dichloroethane	56	ug/L	50	112%
cis-1,2-Dichloroethene	61	ug/L	50	122%
Bromochloromethane	71	ug/L	50	142%
Chloroform	54	ug/L	50	108%
1,1,1-Trichloroethane	58	ug/L	50	116%
Carbon tetrachloride	58	ug/L	50	116%
1,1-Dichloropropene	50	ug/L	50	100%
Benzene	52	ug/L	50	104%
1,2-Dichloroethane	51	ug/L	50	102%
Trichloroethene	51	ug/L	50	102%
1,2-Dichloropropane	58	ug/L	50	116%
Dibromomethane	57	ug/L	50	114%
Bromodichloromethane	48	ug/L	50	96%
cis-1,3-Dichloropropene	60	ug/L	50	120%
Toluene	44	ug/L	50	88%
trans-1,3-Dichloropropene	63	ug/L	50	126%
1,1,2-Trichloroethane	48	ug/L	50	96%
Tetrachloroethene	44	ug/L	50	88%
1,3-Dichloropropane	49	ug/L	50	98%
Dibromochloromethane	50	ug/L	50	100%
1,2-Dibromoethane	52	ug/L	50	104%
Chlorobenzene	49	ug/L	50	98%
1,1,1,2-Tetrachlorethane	50	ug/L	50	100%
Ethylbenzene	46	ug/L	50	92%
m & p-Xylene	97	ug/L	100	97%
o-Xylene	48	ug/L	50	96%

Continued

New Age/Landmark
Mobile Laboratory Services
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Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV@ 50NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	50	ug/L	50	100%
Bromoform	53	ug/L	50	106%
Isopropylbenzene	49	ug/L	50	98%
Bromobenzene	49	ug/L	50	98%
1,1,2,2-Tetrachloroethane	50	ug/L	50	100%
1,2,3-Trichloropropane	47	ug/L	50	94%
n-Propylbenzene	51	ug/L	50	102%
2-Chlorotoluene	51	ug/L	50	102%
4-Chlorotoluene	51	ug/L	50	102%
1,3,5-Trimethylbenzene	54	ug/L	50	108%
tert-Butylbenzene	53	ug/L	50	106%
1,2,4-Trimethylbenzene	55	ug/L	50	110%
sec-Butylbenzene	55	ug/L	50	110%
1,3-Dichlorobenzene	55	ug/L	50	110%
p-Isopropyltoluene	56	ug/L	50	112%
1,4-Dichlorobenzene	55	ug/L	50	110%
1,2-Dichlorobenzene	55	ug/L	50	110%
n-Butylbenzene	59	ug/L	50	118%
1,2-Dibromo-3-chloropropane	55	ug/L	50	110%
1,2,4-Trichlorobenzene	57	ug/L	50	114%
Hexachlorobutadiene	57	ug/L	50	114%
Naphthalene	50	ug/L	50	100%
1,2,3-Trichlorobenzene	57	ug/L	50	114%
Acetone (b)	60	ug/L	50	120%
Methyl Ethyl Ketone (b)	N/A	ug/L		

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	41	ug/L	50	82%
1,2-Dichloroethane d4	52	ug/L	50	104%
Toluene d8	30	ug/L	50	60%
Bromofluorobenzene	37	ug/L	50	74%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2253
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV @ 50NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane		ug/L	50	0%
Chloromethane		ug/L	50	0%
Vinyl chloride		ug/L	50	0%
Bromomethane		ug/L	50	0%
Trichlorofluoromenthane		ug/L	50	0%
Chloroethane		ug/L	50	0%
1,1-Dichloroethene		ug/L	50	0%
Methylene chloride		ug/L	50	0%
trans-1,2-Dichloroethene		ug/L	50	0%
1,1-Dichloroethane		ug/L	50	0%
cis-1,2-Dichloroethene		ug/L	50	0%
Bromochloromethane		ug/L	50	0%
Chloroform		ug/L	50	0%
1,1,1-Trichloroethane		ug/L	50	0%
Carbon tetrachloride		ug/L	50	0%
1,1-Dichloropropene		ug/L	50	0%
Benzene		ug/L	50	0%
1,2-Dichloroethane		ug/L	50	0%
Trichloroethene		ug/L	50	0%
1,2-Dichloropropane		ug/L	50	0%
Dibromomethane		ug/L	50	0%
Bromodichloromethane		ug/L	50	0%
cis-1,3-Dichloropropene		ug/L	50	0%
Toluene		ug/L	50	0%
trans-1,3-Dichloropropene		ug/L	50	0%
1,1,2-Trichloroethane		ug/L	50	0%
Tetrachloroethene		ug/L	50	0%
1,3-Dichloropropane		ug/L	50	0%
Dibromochloromethane		ug/L	50	0%
1,2-Dibromoethane		ug/L	50	0%
Chlorobenzene		ug/L	50	0%
1,1,1,2-Tetrachlorethane		ug/L	50	0%
Ethylbenzene		ug/L	50	0%
m & p-Xylene		ug/L	100	0%
o-Xylene		ug/L	50	0%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV @ 50NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene		ug/L	50	0%
Bromoform		ug/L	50	0%
Isopropylbenzene		ug/L	50	0%
Bromobenzene		ug/L	50	0%
1,1,2,2-Tetrachloroethane		ug/L	50	0%
1,2,3-Trichloropropane		ug/L	50	0%
n-Propylbenzene		ug/L	50	0%
2-Chlorotoluene		ug/L	50	0%
4-Chlorotoluene		ug/L	50	0%
1,3,5-Trimethylbenzene		ug/L	50	0%
tert-Butylbenzene		ug/L	50	0%
1,2,4-Trimethylbenzene		ug/L	50	0%
sec-Butylbenzene		ug/L	50	0%
1,3-Dichlorobenzene		ug/L	50	0%
p-Isopropyltoluene		ug/L	50	0%
1,4-Dichlorobenzene		ug/L	50	0%
1,2-Dichlorobenzene		ug/L	50	0%
n-Butylbenzene		ug/L	50	0%
1,2-Dibromo-3-chloropropane		ug/L	50	0%
1,2,4-Trichlorobenzene		ug/L	50	0%
Hexachlorobutadiene		ug/L	50	0%
Naphthalene		ug/L	50	0%
1,2,3-Trichlorobenzene		ug/L	50	0%
Acetone (b)		ug/L	50	0%
Methyl Ethyl Ketone (b)		ug/L	50	0%

Surrogates		Spike Amount	% Rec
Dibromofluoromethane	ug/L	50	0%
1,2-Dichloroethane d4	ug/L	50	0%
Toluene d8	ug/L	50	0%
Bromofluorobenzene	ug/L	50	0%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2282
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV@ 50 NG
Matrix: Water
Date Sampled: N/A
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane		ug/L	50	0%
Chloromethane		ug/L	50	0%
Vinyl chloride		ug/L	50	0%
Bromomethane		ug/L	50	0%
Trichlorofluoromenthane		ug/L	50	0%
Chloroethane		ug/L	50	0%
1,1-Dichloroethene		ug/L	50	0%
Methylene chloride		ug/L	50	0%
trans-1,2-Dichloroethene		ug/L	50	0%
1,1-Dichloroethane		ug/L	50	0%
cis-1,2-Dichloroethene		ug/L	50	0%
Bromochloromethane		ug/L	50	0%
Chloroform		ug/L	50	0%
1,1,1-Trichloroethane		ug/L	50	0%
Carbon tetrachloride		ug/L	50	0%
1,1-Dichloropropene		ug/L	50	0%
Benzene		ug/L	50	0%
1,2-Dichloroethane		ug/L	50	0%
Trichloroethene		ug/L	50	0%
1,2-Dichloropropane		ug/L	50	0%
Dibromomethane		ug/L	50	0%
Bromodichloromethane		ug/L	50	0%
cis-1,3-Dichloropropene		ug/L	50	0%
Toluene		ug/L	50	0%
trans-1,3-Dichloropropene		ug/L	50	0%
1,1,2-Trichloroethane		ug/L	50	0%
Tetrachloroethene		ug/L	50	0%
1,3-Dichloropropane		ug/L	50	0%
Dibromochloromethane		ug/L	50	0%
1,2-Dibromoethane		ug/L	50	0%
Chlorobenzene		ug/L	50	0%
1,1,1,2-Tetrachlorethane		ug/L	50	0%
Ethylbenzene		ug/L	50	0%
m & p-Xylene		ug/L	100	0%
o-Xylene		ug/L	50	0%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: CCV@ 50 NG

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene		ug/L	50	0%
Bromoform		ug/L	50	0%
Isopropylbenzene		ug/L	50	0%
Bromobenzene		ug/L	50	0%
1,1,2,2-Tetrachloroethane		ug/L	50	0%
1,2,3-Trichloropropane		ug/L	50	0%
n-Propylbenzene		ug/L	50	0%
2-Chlorotoluene		ug/L	50	0%
4-Chlorotoluene		ug/L	50	0%
1,3,5-Trimethylbenzene		ug/L	50	0%
tert-Butylbenzene		ug/L	50	0%
1,2,4-Trimethylbenzene		ug/L	50	0%
sec-Butylbenzene		ug/L	50	0%
1,3-Dichlorobenzene		ug/L	50	0%
p-Isopropyltoluene		ug/L	50	0%
1,4-Dichlorobenzene		ug/L	50	0%
1,2-Dichlorobenzene		ug/L	50	0%
n-Butylbenzene		ug/L	50	0%
1,2-Dibromo-3-chloropropane		ug/L	50	0%
1,2,4-Trichlorobenzene		ug/L	50	0%
Hexachlorobutadiene		ug/L	50	0%
Naphthalene		ug/L	50	0%
1,2,3-Trichlorobenzene		ug/L	50	0%
Acetone (b)		ug/L	50	0%
Methyl Ethyl Ketone (b)		ug/L	50	0%

Surrogates		Spike Amount	% Rec
Dibromofluoromethane	ug/L	50	0%
1,2-Dichloroethane d4	ug/L	50	0%
Toluene d8	ug/L	50	0%
Bromofluorobenzene	ug/L	50	0%

Dilution Factor

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2391
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: WP-SP11-IW06-GW01 (A178)MS
Matrix: Water
Date Sampled: 25-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Dichlorofluoromethane	36	ug/L	50	72%
Chloromethane	45	ug/L	50	90%
Vinyl chloride	57	ug/L	50	114%
Bromomethane	41	ug/L	50	82%
Trichlorofluoromenthane	48	ug/L	50	96%
Chloroethane	44	ug/L	50	88%
1,1-Dichloroethene	63	ug/L	50	126%
Methylene chloride	58	ug/L	50	116%
trans-1,2-Dichloroethene	63	ug/L	50	126%
1,1-Dichloroethane	53	ug/L	50	106%
cis-1,2-Dichloroethene	65	ug/L	50	130%
Bromochloromethane	61	ug/L	50	122%
Chloroform	60	ug/L	50	120%
1,1,1-Trichloroethane	61	ug/L	50	122%
Carbon tetrachloride	60	ug/L	50	120%
1,1-Dichloropropene	60	ug/L	50	120%
Benzene	59	ug/L	50	118%
1,2-Dichloroethane	58	ug/L	50	116%
Trichloroethene	65	ug/L	50	130%
1,2-Dichloropropane	60	ug/L	50	120%
Dibromomethane	55	ug/L	50	110%
Bromodichloromethane	60	ug/L	50	120%
cis-1,3-Dichloropropene	57	ug/L	50	114%
Toluene	65	ug/L	50	130%
trans-1,3-Dichloropropene	55	ug/L	50	110%
1,1,2-Trichloroethane	56	ug/L	50	112%
Tetrachloroethene	61	ug/L	50	122%
1,3-Dichloropropane	54	ug/L	50	108%
Dibromochloromethane	57	ug/L	50	114%
1,2-Dibromoethane	52	ug/L	50	104%
Chlorobenzene	61	ug/L	50	122%
1,1,1,2-Tetrachlorethane	54	ug/L	50	108%
Ethylbenzene	64	ug/L	50	128%
m & p-Xylene	130	ug/L	100	130%
o-Xylene	64	ug/L	50	128%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
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Sample ID: WP-SP11-IW06-GW01 (A178)MS

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec
Styrene	62	ug/L	50	124%
Bromoform	51	ug/L	50	102%
Isopropylbenzene	65	ug/L	50	130%
Bromobenzene	57	ug/L	50	114%
1,1,2,2-Tetrachloroethane	32	ug/L	50	64%
1,2,3-Trichloropropane	49	ug/L	50	98%
n-Propylbenzene	63	ug/L	50	126%
2-Chlorotoluene	63	ug/L	50	126%
4-Chlorotoluene	62	ug/L	50	124%
1,3,5-Trimethylbenzene	61	ug/L	50	122%
tert-Butylbenzene	61	ug/L	50	122%
1,2,4-Trimethylbenzene	60	ug/L	50	120%
sec-Butylbenzene	60	ug/L	50	120%
1,3-Dichlorobenzene	57	ug/L	50	114%
p-Isopropyltoluene	58	ug/L	50	116%
1,4-Dichlorobenzene	57	ug/L	50	114%
1,2-Dichlorobenzene	54	ug/L	50	108%
n-Butylbenzene	56	ug/L	50	112%
1,2-Dibromo-3-chloropropane	19	ug/L	50	38%
1,2,4-Trichlorobenzene	47	ug/L	50	94%
Hexachlorobutadiene	50	ug/L	50	100%
Naphthalene	42	ug/L	50	84%
1,2,3-Trichlorobenzene	47	ug/L	50	94%
Acetone (b)	48	ug/L	50	96%
Methyl Ethyl Ketone (b)	N/A	ug/L		

Surrogates			Spike Amount	% Rec
Dibromofluoromethane	49	ug/L	50	98%
1,2-Dichloroethane d4	47	ug/L	50	94%
Toluene d8	51	ug/L	50	102%
Bromofluorobenzene	51	ug/L	50	102%
Dilution Factor	1			

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2392
Analysis Date: 27-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **WP-SP11-IW06-GW01 (A178)MSD**
Matrix: Water
Date Sampled: 25-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Dichlorofluoromethane	38	ug/L	50	76%	5%
Chloromethane	48	ug/L	50	96%	6%
Vinyl chloride	56	ug/L	50	112%	-2%
Bromomethane	48	ug/L	50	96%	16%
Trichlorofluoromenthane	48	ug/L	50	96%	0%
Chloroethane	46	ug/L	50	92%	4%
1,1-Dichloroethene	58	ug/L	50	116%	-8%
Methylene chloride	60	ug/L	50	120%	3%
trans-1,2-Dichloroethene	62	ug/L	50	124%	-2%
1,1-Dichloroethane	54	ug/L	50	108%	2%
cis-1,2-Dichloroethene	64	ug/L	50	128%	-2%
Bromochloromethane	59	ug/L	50	118%	-3%
Chloroform	59	ug/L	50	118%	-2%
1,1,1-Trichloroethane	63	ug/L	50	126%	3%
Carbon tetrachloride	61	ug/L	50	122%	2%
1,1-Dichloropropene	61	ug/L	50	122%	2%
Benzene	60	ug/L	50	120%	2%
1,2-Dichloroethane	57	ug/L	50	114%	-2%
Trichloroethene	59	ug/L	50	118%	-10%
1,2-Dichloropropane	59	ug/L	50	118%	-2%
Dibromomethane	54	ug/L	50	108%	-2%
Bromodichloromethane	56	ug/L	50	112%	-7%
cis-1,3-Dichloropropene	65	ug/L	50	130%	13%
Toluene	61	ug/L	50	122%	-6%
trans-1,3-Dichloropropene	59	ug/L	50	118%	7%
1,1,2-Trichloroethane	54	ug/L	50	108%	-4%
Tetrachloroethene	57	ug/L	50	114%	-7%
1,3-Dichloropropane	55	ug/L	50	110%	2%
Dibromochloromethane	53	ug/L	50	106%	-7%
1,2-Dibromoethane	55	ug/L	50	110%	6%
Chlorobenzene	63	ug/L	50	126%	3%
1,1,1,2-Tetrachlorethane	58	ug/L	50	116%	7%
Ethylbenzene	66	ug/L	50	132%	3%
m & p-Xylene	131	ug/L	100	131%	1%
o-Xylene	65	ug/L	50	130%	2%

Continued

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

Sample ID: WP-SP11-IW06-GW01 (A178)MSD

Continued	RESULTS	UNITS	SPIKE AMOUNT	% Rec	% RSD
Styrene	64	ug/L	50	128%	3%
Bromoform	53	ug/L	50	106%	4%
Isopropylbenzene	67	ug/L	50	134%	3%
Bromobenzene	61	ug/L	50	122%	7%
1,1,2,2-Tetrachloroethane	56	ug/L	50	112%	55%
1,2,3-Trichloropropane	53	ug/L	50	106%	8%
n-Propylbenzene	67	ug/L	50	134%	6%
2-Chlorotoluene	64	ug/L	50	128%	2%
4-Chlorotoluene	66	ug/L	50	132%	6%
1,3,5-Trimethylbenzene	65	ug/L	50	130%	6%
tert-Butylbenzene	63	ug/L	50	126%	3%
1,2,4-Trimethylbenzene	62	ug/L	50	124%	3%
sec-Butylbenzene	62	ug/L	50	124%	3%
1,3-Dichlorobenzene	59	ug/L	50	118%	3%
p-Isopropyltoluene	62	ug/L	50	124%	7%
1,4-Dichlorobenzene	59	ug/L	50	118%	3%
1,2-Dichlorobenzene	70	ug/L	50	140%	26%
n-Butylbenzene	60	ug/L	50	120%	7%
1,2-Dibromo-3-chloropropane	55	ug/L	50	110%	97%
1,2,4-Trichlorobenzene	51	ug/L	50	102%	8%
Hexachlorobutadiene	53	ug/L	50	106%	6%
Naphthalene	78	ug/L	50	156%	60%
1,2,3-Trichlorobenzene	51	ug/L	50	102%	8%
Acetone (b)	49	ug/L	50	98%	2%
Methyl Ethyl Ketone (b)	N/A	ug/L			

Surrogates			Spike Amount	% Rec	% RSD
Dibromofluoromethane	50	ug/L	50	100%	2%
1,2-Dichloroethane d4	44	ug/L	50	88%	-7%
Toluene d8	49	ug/L	50	98%	-4%
Bromofluorobenzene	53	ug/L	50	106%	4%

Dilution Factor 1

(a) Reporting Limit is adjusted for the dilution factor.

(b) Results for acetone and MEK are estimates only.

TestAmerica
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ANALYTICAL AND QUALITY CONTROL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
570144	WP-SP11-IW07-GW01	11/01/1999	11/01/1999
570145	WP-SP11-MW03-GW01	11/01/1999	11/01/1999
570146	WP-SP11-IW01-GW01	11/01/1999	11/01/1999
570147	WP-SP11-MW07-GW01	11/01/1999	11/01/1999
570148	Trip Blank	11/01/1999	11/01/1999

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Approved By

3601 SOUTH DIXIE DRIVE / DAYTON, OH 45439 / 937-294-6856 / FAX: 937-294-7816

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570144 — **SAMPLE DESCRIPTION** WP-SP11-IW07-GW01 — **DATE/TIME TAKEN** 11/01/1999 09:05

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
LATILE COMPOUNDS - 8260 (AQ)									
260 - SW846 (AQ)	Complete			11/11/1999		2146		jpf	
Acetone	620		ug/L	11/11/1999		2146	<100	jpf	SW 8260A
Benzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
tert-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
sec-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
n-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromochloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromodichloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromoform	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
2-Butanone (MEK)	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
Carbon disulfide	13.6		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Carbon tetrachloride	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloroethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
2-Chlorotoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
4-Chlorotoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloroform	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloromethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Dibromochloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Dibromomethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Dichlorodifluoromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,2-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570144 **SAMPLE DESCRIPTION** WP-SP11-IW07-GW01 **DATE/TIME TAKEN** 11/01/1999 09:05

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
,4-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloroethene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
cis-1,2-Dichloroethene	80.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
trans-1,2-Dichloroethene	9.5		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,3-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
2,2-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Ethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Hexachlorobutadiene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
n-Hexane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
2-Hexanone	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
Isopropylbenzene (Cumene)	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
p-Isopropyltoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromomethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Methylene Chloride	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
n-Propylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Styrene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Naphthalene	32.6		ug/L	11/11/1999		2146	<25	jpf	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570144 **SAMPLE DESCRIPTION** WP-SP11-IW07-GW01 **DATE/TIME TAKEN** 11/01/1999 09:05

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,1,2-Tetrachloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Tetrachloroethene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Toluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,1,1-Trichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1,2-Trichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Trichloroethene	15.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Trichlorofluoromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2,3-Trichloropropane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,2,4-Trimethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Vinyl Acetate	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Vinyl Chloride	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Xylenes	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	107		%	11/11/1999		2146		jpf	SW 8260A
Surrogate:Toluene-d8	92		%	11/11/1999		2146		jpf	SW 8260A
Surrogate:Bromofluorobenzene	98		%	11/11/1999		2146		jpf	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 570145	**SAMPLE DESCRIPTION** WP-SP11-MW03-GW01								**DATE/TIME TAKEN** 11/01/1999 09:50
ATILE COMPOUNDS - 8260 (AQ)									
260 - SW846 (AQ)	Complete			11/11/1999		2146		jpf	
Acetone	1,730		ug/L	11/11/1999		2146	<100	jpf	SW 8260A
Benzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
tert-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
sec-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
n-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromochloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromodichloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromoform	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
2-Butanone (MEK)	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
Carbon disulfide	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Carbon tetrachloride	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloroethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
2-Chlorotoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
4-Chlorotoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloroform	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloromethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Dibromochloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Dibromomethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Dichlorodifluoromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,2-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A

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Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570145 **SAMPLE DESCRIPTION** WP-SP11-MW03-GW01 **DATE/TIME TAKEN** 11/01/1999 09:50

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,3-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,4-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloroethene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
cis-1,2-Dichloroethene	47.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
trans-1,2-Dichloroethene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,3-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
2,2-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Ethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Hexachlorobutadiene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
n-Hexane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
2-Hexanone	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
Isopropylbenzene (Cumene)	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
p-Isopropyltoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromomethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Methylene Chloride	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
n-Propylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Styrene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Naphthalene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A

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11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570145
SAMPLE DESCRIPTION WP-SP11-MW03-GW01
DATE/TIME TAKEN 11/01/1999 09:50

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
,1,2-Tetrachloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
,1,2,2-Tetrachloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Tetrachloroethene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Toluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,1,1-Trichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1,2-Trichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Trichloroethene	31.8		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Trichlorofluoromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2,3-Trichloropropane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,2,4-Trimethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Vinyl Acetate	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Vinyl Chloride	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Xylenes	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	109		%	11/11/1999		2146		jpf	SW 8260A
Surrogate:Toluene-d8	93		%	11/11/1999		2146		jpf	SW 8260A
Surrogate:Bromofluorobenzene	96		%	11/11/1999		2146		jpf	SW 8260A

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11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570146 — **SAMPLE DESCRIPTION** WP-SP11-IW01-GW01 — **DATE/TIME TAKEN** 11/01/1999 11:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
ATILE COMPOUNDS - 8260 (AQ)									
260 - SW846 (AQ)	Complete			11/11/1999		2146		jpf	
Acetone	1,820		ug/L	11/12/1999		2148	<1,000	jpf	SW 8260A
Benzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
tert-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
sec-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
n-Butylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromochloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromodichloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromoform	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
2-Butanone (MEK)	526		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
Carbon disulfide	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Carbon tetrachloride	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloroethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
2-Chlorotoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
4-Chlorotoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloroform	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Chloromethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Dibromochloromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Dibromomethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Dichlorodifluoromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,2-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A

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11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570146 — **SAMPLE DESCRIPTION** WP-SP11-IW01-GW01 — **DATE/TIME TAKEN** 11/01/1999 11:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,3-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,4-Dichlorobenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloroethene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
cis-1,2-Dichloroethene	71.4		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
trans-1,2-Dichloroethene	12.4		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,3-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
2,2-Dichloropropane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Ethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Hexachlorobutadiene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
n-Hexane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
2-Hexanone	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
Isopropylbenzene (Cumene)	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
p-Isopropyltoluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Bromomethane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Methylene Chloride	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<62		ug/L	11/11/1999		2146	<62	jpf	SW 8260A
n-Propylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Styrene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Naphthalene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A

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ANALYTICAL REPORT

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11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

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SAMPLE NO. 570146 — **SAMPLE DESCRIPTION** WP-SP11-IW01-GW01 — **DATE/TIME TAKEN** 11/01/1999 11:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
,1,2-Tetrachloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
,1,2,2-Tetrachloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Tetrachloroethene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Toluene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,1,1-Trichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,1,2-Trichloroethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Trichloroethene	11.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Trichlorofluoromethane	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,2,3-Trichloropropane	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
1,2,4-Trimethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Vinyl Acetate	<25		ug/L	11/11/1999		2146	<25	jpf	SW 8260A
Vinyl Chloride	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Xylenes	<5.0		ug/L	11/11/1999		2146	<5.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	104		%	11/11/1999		2146		jpf	SW 8260A
Surrogate:Toluene-d8	97		%	11/11/1999		2146		jpf	SW 8260A
Surrogate:Bromofluorobenzene	95		%	11/11/1999		2146		jpf	SW 8260A

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ANALYTICAL REPORT

Chris Norman
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11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570147 — **SAMPLE DESCRIPTION** WP-SP11-MW07-GW01 — **DATE/TIME TAKEN** 11/01/1999 12:18

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
ATILE COMPOUNDS - 8260 (AQ)									
260 - SW846 (AQ)	Complete			11/12/1999		2148		jpf	
Acetone	986		ug/L	11/12/1999		2148	<100	jpf	SW 8260A
Benzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
tert-Butylbenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
sec-Butylbenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
n-Butylbenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Bromochloromethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Bromodichloromethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Bromoform	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Bromobenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
2-Butanone (MEK)	122		ug/L	11/12/1999		2148	<62	jpf	SW 8260A
Carbon disulfide	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Carbon tetrachloride	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Chlorobenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Chloroethane	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
2-Chlorotoluene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
4-Chlorotoluene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Chloroform	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Chloromethane	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
Dibromochloromethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Dibromomethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Dichlorodifluoromethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
1,2-Dichlorobenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A

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11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570147 — **SAMPLE DESCRIPTION** WP-SP11-MW07-GW01 — **DATE/TIME TAKEN** 11/01/1999 12:18

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
-Dichlorobenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
4-Dichlorobenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,1-Dichloroethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,2-Dichloroethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,1-Dichloroethene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
cis-1,2-Dichloroethene	54.8		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
trans-1,2-Dichloroethene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,2-Dichloropropane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,3-Dichloropropane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
2,2-Dichloropropane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,1-Dichloropropene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Ethylbenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Hexachlorobutadiene	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
n-Hexane	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
2-Hexanone	<62		ug/L	11/12/1999		2148	<62	jpf	SW 8260A
Isopropylbenzene (Cumene)	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
p-Isopropyltoluene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Bromomethane	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
Methylene Chloride	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<62		ug/L	11/12/1999		2148	<62	jpf	SW 8260A
n-Propylbenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Styrene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Naphthalene	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A

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11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN
570147	WP-SP11-MW07-GW01	11/01/1999 12:18

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
,1,2-Tetrachloroethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,2,2-Tetrachloroethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Tetrachloroethene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Toluene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
1,1,1-Trichloroethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,1,2-Trichloroethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Trichloroethene	54.8		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Trichlorofluoromethane	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,2,3-Trichloropropane	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
1,2,4-Trimethylbenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Vinyl Acetate	<25		ug/L	11/12/1999		2148	<25	jpf	SW 8260A
Vinyl Chloride	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Xylenes	<5.0		ug/L	11/12/1999		2148	<5.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	106		%	11/12/1999		2148		jpf	SW 8260A
Surrogate:Toluene-d8	96		%	11/12/1999		2148		jpf	SW 8260A
Surrogate:Bromofluorobenzene	105		%	11/12/1999		2148		jpf	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570148 — **SAMPLE DESCRIPTION** Trip Blank — **DATE/TIME TAKEN** 11/01/1999

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
ATILE COMPOUNDS - 8260 (AQ)									
-60 - SW846 (AQ)	Complete			11/08/1999		2141	Complete	jpf	
Acetone	<20.0		ug/L	11/08/1999		2141	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	11/08/1999		2141	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570148 **SAMPLE DESCRIPTION** Trip Blank **DATE/TIME TAKEN** 11/01/1999

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,3-Dichlorobenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
trans-1,2-Dichloroethene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	11/08/1999		2141	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	11/08/1999		2141	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A

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ANALYTICAL REPORT

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11/24/1999

Job Number: 99.19008

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 570148 **SAMPLE DESCRIPTION** Trip Blank **DATE/TIME TAKEN** 11/01/1999

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
,1,2-Tetrachloroethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
,1,2,2-Tetrachloroethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Trichloroethene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	11/08/1999		2141	<5.0	jpf	SW 8260A
Vinyl Chloride	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	11/08/1999		2141	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	103		%	11/08/1999		2141		jpf	SW 8260A
Surrogate:Toluene-d8	92		%	11/08/1999		2141		jpf	SW 8260A
Surrogate:Bromofluorobenzene	90		%	11/08/1999		2141		jpf	SW 8260A

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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	CCV True Concentration	CCV Concentration Observed	Flag	Units	Percent Recovery
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2141	50	43.4		ug/L	87
Bromoform		2141	50	58.0		ug/L	116
Chlorobenzene		2141	50	45.0		ug/L	90
Chloroform		2141	50	47.0		ug/L	94
Chloromethane		2141	50	48.2		ug/L	96
1,1-Dichloroethane		2141	50	48.1		ug/L	96
1,1-Dichloroethene		2141	50	50.4		ug/L	101
1,2-Dichloropropane		2141	50	46.1		ug/L	92
Ethylbenzene		2141	50	45.3		ug/L	91
1,1,2,2-Tetrachloroethane		2141	50	54.8		ug/L	110
Toluene		2141	50	45.1		ug/L	90
Vinyl Chloride		2141	50	47.8		ug/L	96
Xylenes		2141	150	136		ug/L	91

CCV - Continuing Calibration Verification

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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Chris Norman
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11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	CCV True Concentration	CCV Concentration Observed	Flag	Units	Percent Recovery
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2146	50	43.5		ug/L	87
Bromoform		2146	50	53.7		ug/L	107
Chlorobenzene		2146	50	48.0		ug/L	96
Chloroform		2146	50	49.0		ug/L	98
Chloromethane		2146	50	45.9		ug/L	92
1,1-Dichloroethane		2146	50	49.9		ug/L	100
1,1-Dichloroethene		2146	50	52.0		ug/L	104
1,2-Dichloropropane		2146	50	45.4		ug/L	91
Ethylbenzene		2146	50	48.6		ug/L	97
1,1,2,2-Tetrachloroethane		2146	50	51.5		ug/L	103
Toluene		2146	50	45.2		ug/L	90
Vinyl Chloride		2146	50	47.2		ug/L	94
Xylenes		2146	150	144		ug/L	96

CCV - Continuing Calibration Verification

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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	CCV True Concentration	CCV Concentration Observed	Flag	Units	Percent Recovery
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2148	50	42.8		ug/L	86
Bromoform		2148	50	53.9		ug/L	108
Chlorobenzene		2148	50	44.5		ug/L	89
Chloroform		2148	50	48.6		ug/L	97
Chloromethane		2148	50	47.7		ug/L	95
1,1-Dichloroethane		2148	50	48.5		ug/L	97
1,1-Dichloroethene		2148	50	50.1		ug/L	100
1,2-Dichloropropane		2148	50	46.0		ug/L	92
Ethylbenzene		2148	50	44.2		ug/L	88
1,1,2,2-Tetrachloroethane		2148	50	55.3		ug/L	111
Toluene		2148	50	44.2		ug/L	88
Vinyl Chloride		2148	50	46.7		ug/L	93
Xylenes		2148	150	132		ug/L	88

CCV - Continuing Calibration Verification

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QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
VOLATILE COMPOUNDS - 8260 (AQ)						
Acetone		2141	<20.0		ug/L	
Benzene		2141	<1.0		ug/L	
tert-Butylbenzene		2141	<1.0		ug/L	
sec-Butylbenzene		2141	<1.0		ug/L	
n-Butylbenzene		2141	<1.0		ug/L	
Bromochloromethane		2141	<1.0		ug/L	
Bromodichloromethane		2141	<1.0		ug/L	
Bromoform		2141	<1.0		ug/L	
Bromobenzene		2141	<1.0		ug/L	
2-Butanone (MEK)		2141	<12.5		ug/L	
Carbon disulfide		2141	<1.0		ug/L	
Carbon tetrachloride		2141	<1.0		ug/L	
Chlorobenzene		2141	<1.0		ug/L	
Chloroethane		2141	<5.0		ug/L	
2-Chlorotoluene		2141	<1.0		ug/L	
4-Chlorotoluene		2141	<1.0		ug/L	
Chloroform		2141	<1.0		ug/L	
Chloromethane		2141	<5.0		ug/L	
Dibromochloromethane		2141	<1.0		ug/L	
Dibromomethane		2141	<1.0		ug/L	
Dichlorodifluoromethane		2141	<1.0		ug/L	
1,2-Dibromo-3-chloropropane		2141	<5.0		ug/L	
1,2-Dichlorobenzene		2141	<1.0		ug/L	
1,3-Dichlorobenzene		2141	<1.0		ug/L	
1,4-Dichlorobenzene		2141	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,1-Dichloroethane		2141	<1.0		ug/L	
1,2-Dichloroethane		2141	<1.0		ug/L	
1,1-Dichloroethene		2141	<1.0		ug/L	
cis-1,2-Dichloroethene		2141	<1.0		ug/L	
trans-1,2-Dichloroethene		2141	<1.0		ug/L	
1,2-Dichloropropane		2141	<1.0		ug/L	
1,3-Dichloropropane		2141	<1.0		ug/L	
2,2-Dichloropropane		2141	<1.0		ug/L	
1,1-Dichloropropene		2141	<1.0		ug/L	
cis-1,3-Dichloropropene		2141	<1.0		ug/L	
trans-1,3-Dichloropropene		2141	<1.0		ug/L	
Ethylbenzene		2141	<1.0		ug/L	
Hexachlorobutadiene		2141	<5.0		ug/L	
n-Hexane		2141	<5.0		ug/L	
2-Hexanone		2141	<12.5		ug/L	
Isopropylbenzene (Cumene)		2141	<1.0		ug/L	
p-Isopropyltoluene		2141	<1.0		ug/L	
Bromomethane		2141	<5.0		ug/L	
Methylene Chloride		2141	<5.0		ug/L	
4-Methyl-2-pentanone (MIBK)		2141	<12.5		ug/L	
n-Propylbenzene		2141	<1.0		ug/L	
Styrene		2141	<1.0		ug/L	
Naphthalene		2141	<5.0		ug/L	
1,1,1,2-Tetrachloroethane		2141	<1.0		ug/L	
1,1,2,2-Tetrachloroethane		2141	<1.0		ug/L	
Tetrachloroethene		2141	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
BLANKS

Chris Norman
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Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
Toluene		2141	<1.0		ug/L	
1,2,4-Trichlorobenzene		2141	<5.0		ug/L	
1,1,1-Trichloroethane		2141	<1.0		ug/L	
1,1,2-Trichloroethane		2141	<1.0		ug/L	
Trichloroethene		2141	<1.0		ug/L	
Trichlorofluoromethane		2141	<1.0		ug/L	
1,2,3-Trichloropropane		2141	<5.0		ug/L	
1,2,4-Trimethylbenzene		2141	<1.0		ug/L	
1,3,5-Trimethylbenzene		2141	<1.0		ug/L	
Vinyl Acetate		2141	<5.0		ug/L	
Vinyl Chloride		2141	<1.0		ug/L	
Xylenes		2141	<1.0		ug/L	
Surrogate:Dibromofluoromethane		2141	103		%	
Surrogate:Toluene-d8		2141	97		%	
Surrogate:Bromofluorobenzene		2141	94		%	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
BLANKS

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11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
VOLATILE COMPOUNDS - 8260 (AQ)						
Acetone		2146	<20.0		ug/L	
Benzene		2146	<1.0		ug/L	
tert-Butylbenzene		2146	<1.0		ug/L	
sec-Butylbenzene		2146	<1.0		ug/L	
n-Butylbenzene		2146	<1.0		ug/L	
Bromochloromethane		2146	<1.0		ug/L	
Bromodichloromethane		2146	<1.0		ug/L	
Bromoform		2146	<1.0		ug/L	
Bromobenzene		2146	<1.0		ug/L	
2-Butanone (MEK)		2146	<12.5		ug/L	
Carbon disulfide		2146	<1.0		ug/L	
Carbon tetrachloride		2146	<1.0		ug/L	
Chlorobenzene		2146	<1.0		ug/L	
Chloroethane		2146	<5.0		ug/L	
2-Chlorotoluene		2146	<1.0		ug/L	
4-Chlorotoluene		2146	<1.0		ug/L	
Chloroform		2146	<1.0		ug/L	
Chloromethane		2146	<5.0		ug/L	
Dibromochloromethane		2146	<1.0		ug/L	
Dibromomethane		2146	<1.0		ug/L	
Dichlorodifluoromethane		2146	<1.0		ug/L	
1,2-Dibromo-3-chloropropane		2146	<5.0		ug/L	
1,2-Dichlorobenzene		2146	<1.0		ug/L	
1,3-Dichlorobenzene		2146	<1.0		ug/L	
1,4-Dichlorobenzene		2146	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,1-Dichloroethane		2146	<1.0		ug/L	
1,2-Dichloroethane		2146	<1.0		ug/L	
1,1-Dichloroethene		2146	<1.0		ug/L	
cis-1,2-Dichloroethene		2146	<1.0		ug/L	
trans-1,2-Dichloroethene		2146	<1.0		ug/L	
1,2-Dichloropropane		2146	<1.0		ug/L	
1,3-Dichloropropane		2146	<1.0		ug/L	
2,2-Dichloropropane		2146	<1.0		ug/L	
1,1-Dichloropropene		2146	<1.0		ug/L	
cis-1,3-Dichloropropene		2146	<1.0		ug/L	
trans-1,3-Dichloropropene		2146	<1.0		ug/L	
Ethylbenzene		2146	<1.0		ug/L	
Hexachlorobutadiene		2146	<5.0		ug/L	
n-Hexane		2146	<5.0		ug/L	
2-Hexanone		2146	<12.5		ug/L	
Isopropylbenzene (Cumene)		2146	<1.0		ug/L	
p-Isopropyltoluene		2146	<1.0		ug/L	
Bromomethane		2146	<5.0		ug/L	
Methylene Chloride		2146	<5.0		ug/L	
4-Methyl-2-pentanone (MIBK)		2146	<12.5		ug/L	
n-Propylbenzene		2146	<1.0		ug/L	
Styrene		2146	<1.0		ug/L	
Naphthalene		2146	<5.0		ug/L	
1,1,1,2-Tetrachloroethane		2146	<1.0		ug/L	
1,1,2,2-Tetrachloroethane		2146	<1.0		ug/L	
Tetrachloroethene		2146	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
Toluene		2146	<1.0		ug/L	
1,2,4-Trichlorobenzene		2146	<5.0		ug/L	
1,1,1-Trichloroethane		2146	<1.0		ug/L	
1,1,2-Trichloroethane		2146	<1.0		ug/L	
Trichloroethene		2146	<1.0		ug/L	
Trichlorofluoromethane		2146	<1.0		ug/L	
1,2,3-Trichloropropane		2146	<5.0		ug/L	
1,2,4-Trimethylbenzene		2146	<1.0		ug/L	
1,3,5-Trimethylbenzene		2146	<1.0		ug/L	
Vinyl Acetate		2146	<5.0		ug/L	
Vinyl Chloride		2146	<1.0		ug/L	
Xylenes		2146	<1.0		ug/L	
Surrogate:Dibromofluoromethane		2146	104		%	
Surrogate:Toluene-d8		2146	95		%	
Surrogate:Bromofluorobenzene		2146	96		%	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/24/1999

Job Number: 99.19008

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
VOLATILE COMPOUNDS - 8260 (AQ)						
Acetone		2148	<20.0		ug/L	
Benzene		2148	<1.0		ug/L	
tert-Butylbenzene		2148	<1.0		ug/L	
sec-Butylbenzene		2148	<1.0		ug/L	
n-Butylbenzene		2148	<1.0		ug/L	
Bromochloromethane		2148	<1.0		ug/L	
Bromodichloromethane		2148	<1.0		ug/L	
Bromoform		2148	<1.0		ug/L	
Bromobenzene		2148	<1.0		ug/L	
2-Butanone (MEK)		2148	<12.5		ug/L	
Carbon disulfide		2148	<1.0		ug/L	
Carbon tetrachloride		2148	<1.0		ug/L	
Chlorobenzene		2148	<1.0		ug/L	
Chloroethane		2148	<5.0		ug/L	
2-Chlorotoluene		2148	<1.0		ug/L	
4-Chlorotoluene		2148	<1.0		ug/L	
Chloroform		2148	<1.0		ug/L	
Chloromethane		2148	<5.0		ug/L	
Dibromochloromethane		2148	<1.0		ug/L	
Dibromomethane		2148	<1.0		ug/L	
Dichlorodifluoromethane		2148	<1.0		ug/L	
1,2-Dibromo-3-chloropropane		2148	<5.0		ug/L	
1,2-Dichlorobenzene		2148	<1.0		ug/L	
1,3-Dichlorobenzene		2148	<1.0		ug/L	
1,4-Dichlorobenzene		2148	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
573232	WP-SP11-MW05-GW01	11/15/1999	11/15/1999
573233	WP-SP11-MW08-GW01	11/15/1999	11/15/1999
573234	WP-SP11-MW09-GW01	11/15/1999	11/15/1999
573235	WP-SP11-MW07-GW01	11/15/1999	11/15/1999
573236	WP-SP11-MW03-GW01	11/15/1999	11/15/1999

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Kenneth Hull
Approved By

3601 SOUTH DIXIE DRIVE / DAYTON, OH 45439 / 937-294-6856 / FAX: 937-294-7816

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 573232	**SAMPLE DESCRIPTION** WP-SP11-MW05-GW01								**DATE/TIME TAKEN** 11/15/1999 09:15
kalinity, Total (CaCO3)	311		mg/L	11/24/1999		541	<10	dgr	EPA 310.1/SM 2320 B
.CP TOTAL METALS	Complete			11/16/1999		1179	Complete	rrs	SW 6010A
Iron, ICP	19.2		mg/L	11/16/1999	1585	1744	<0.10	rrs	SW 6010A
Metals Digestion, ICP	Complete			11/16/1999	1585		Complete	mjh	SW 3010A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN
573232	WP-SP11-MW05-GW01	11/15/1999 09:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
_ATILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			11/23/1999		2170	Complete	mrh	
Acetone	<20.0		ug/L	11/23/1999		2170	<20.0	mrh	SW 8260A
Benzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
tert-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
sec-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
n-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromochloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromodichloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromoform	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
Carbon disulfide	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Carbon tetrachloride	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloroethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
2-Chlorotoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
4-Chlorotoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloroform	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloromethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Dibromochloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Dibromomethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 573232 — **SAMPLE DESCRIPTION** WP-SP11-MW05-GW01 — **DATE/TIME TAKEN** 11/15/1999 09:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
,-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
cis-1,2-Dichloroethene	30.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
trans-1,2-Dichloroethene	6.1		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Ethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
n-Hexane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
2-Hexanone	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromomethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Methylene Chloride	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
n-Propylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Styrene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Naphthalene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 573232
SAMPLE DESCRIPTION WP-SP11-MW05-GW01
DATE/TIME TAKEN 11/15/1999 09:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,1,2-Tetrachloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Tetrachloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Toluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Trichloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Vinyl Acetate	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Vinyl Chloride	19.8		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Xylenes	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Surrogate:Dibromofluoromethane	108		%	11/23/1999		2170		mrh	SW 8260A
Surrogate:Toluene-d8	99		%	11/23/1999		2170		mrh	SW 8260A
Surrogate:Bromofluorobenzene	93		%	11/23/1999		2170		mrh	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO.	SAMPLE DESCRIPTION									DATE/TIME TAKEN
573233	WP-SP11-MW08-GW01									11/15/1999 11:10
	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference	
Alkalinity, Total (CaCO3)	446		mg/L	11/24/1999		541	<10	dgr	EPA 310.1/SM 2320 B	
ICP TOTAL METALS	Complete			11/16/1999		1179	Complete	rrs	SW 6010A	
Iron, ICP	12.8		mg/L	11/16/1999	1585	1744	<0.10	rrs	SW 6010A	
Metals Digestion, ICP	Complete			11/16/1999	1585		Complete	mjh	SW 3010A	

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INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 573233
SAMPLE DESCRIPTION WP-SP11-MW08-GW01
DATE/TIME TAKEN 11/15/1999 11:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
LATILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			11/23/1999		2170	Complete	mrh	
Acetone	<20.0		ug/L	11/23/1999		2170	<20.0	mrh	SW 8260A
Benzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
tert-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
sec-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
n-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromochloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromodichloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromoform	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
Carbon disulfide	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Carbon tetrachloride	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloroethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
2-Chlorotoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
4-Chlorotoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloroform	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloromethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Dibromochloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Dibromomethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 573233
SAMPLE DESCRIPTION WP-SP11-MW08-GW01
DATE/TIME TAKEN 11/15/1999 11:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
3-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
cis-1,2-Dichloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
trans-1,2-Dichloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Ethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
n-Hexane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
2-Hexanone	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromomethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Methylene Chloride	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
n-Propylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Styrene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Naphthalene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A

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Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 573233
SAMPLE DESCRIPTION WP-SP11-MW08-GW01
DATE/TIME TAKEN 11/15/1999 11:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
,1,1,2-Tetrachloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Tetrachloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Toluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Trichloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Vinyl Acetate	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Vinyl Chloride	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Xylenes	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Surrogate:Dibromofluoromethane	109		%	11/23/1999		2170		mrh	SW 8260A
Surrogate:Toluene-d8	101		%	11/23/1999		2170		mrh	SW 8260A
Surrogate:Bromofluorobenzene	92		%	11/23/1999		2170		mrh	SW 8260A

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Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 573234	**SAMPLE DESCRIPTION** WP-SP11-MW09-GW01								**DATE/TIME TAKEN** 11/15/1999 10:10
Alkalinity, Total (CaCO3)	465		mg/L	11/24/1999		541	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			11/16/1999		1179	Complete	rrs	SW 6010A
Iron, ICP	9.1		mg/L	11/16/1999	1585	1744	<0.10	rrs	SW 6010A
Metals Digestion, ICP	Complete			11/16/1999	1585		Complete	mjh	SW 3010A

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SAMPLE NO. 573234
SAMPLE DESCRIPTION WP-SP11-MW09-GW01
DATE/TIME TAKEN 11/15/1999 10:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
LATILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			11/24/1999		2174	Complete	mrh	
Acetone	31.4		ug/L	11/24/1999		2174	<20.0	mrh	SW 8260A
Benzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
tert-Butylbenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
sec-Butylbenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
n-Butylbenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Bromochloromethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Bromodichloromethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Bromoform	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Bromobenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	11/24/1999		2174	<12.5	mrh	SW 8260A
Carbon disulfide	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Carbon tetrachloride	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Chlorobenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Chloroethane	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
2-Chlorotoluene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
4-Chlorotoluene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Chloroform	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Chloromethane	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
Dibromochloromethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Dibromomethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A

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SAMPLE NO. 573234
SAMPLE DESCRIPTION WP-SP11-MW09-GW01
DATE/TIME TAKEN 11/15/1999 10:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
;-Dichlorobenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
cis-1,2-Dichloroethene	49.5		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
trans-1,2-Dichloroethene	9.5		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Ethylbenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
n-Hexane	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
2-Hexanone	<12.5		ug/L	11/24/1999		2174	<12.5	mrh	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Bromomethane	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
Methylene Chloride	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	11/24/1999		2174	<12.5	mrh	SW 8260A
n-Propylbenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Styrene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Naphthalene	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A

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SAMPLE NO. 573234
SAMPLE DESCRIPTION WP-SP11-MW09-GW01
DATE/TIME TAKEN 11/15/1999 10:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,1,2-Tetrachloroethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Tetrachloroethene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Toluene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Trichloroethene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Vinyl Acetate	<5.0		ug/L	11/24/1999		2174	<5.0	mrh	SW 8260A
Vinyl Chloride	11.1		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Xylenes	<1.0		ug/L	11/24/1999		2174	<1.0	mrh	SW 8260A
Surrogate:Dibromofluoromethane	106		%	11/24/1999		2174		mrh	SW 8260A
Surrogate:Toluene-d8	98		%	11/24/1999		2174		mrh	SW 8260A
Surrogate:Bromofluorobenzene	96		%	11/24/1999		2174		mrh	SW 8260A

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Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 573235	**SAMPLE DESCRIPTION** WP-SP11-MW07-GW01								**DATE/TIME TAKEN** 11/15/1999 12:15
Alkalinity, Total (CaCO3)	1,290		mg/L	11/24/1999		541	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			11/16/1999		1179	Complete	rrs	SW 6010A
Iron, ICP	51.7		mg/L	11/16/1999	1585	1744	<0.10	rrs	SW 6010A
Metals Digestion, ICP	Complete			11/16/1999	1585		Complete	mjh	SW 3010A

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SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN
573235	WP-SP11-MW07-GW01	11/15/1999 12:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
OLATILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			11/28/1999		2177	Complete	dmg	
Acetone	259		ug/L	11/28/1999		2177	<20.0	dmg	SW 8260A
Benzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
tert-Butylbenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
sec-Butylbenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
n-Butylbenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Bromochloromethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Bromodichloromethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Bromoform	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Bromobenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	11/28/1999		2177	<12.5	dmg	SW 8260A
Carbon disulfide	2.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Carbon tetrachloride	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Chlorobenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Chloroethane	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
2-Chlorotoluene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
4-Chlorotoluene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Chloroform	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Chloromethane	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
Dibromochloromethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Dibromomethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A

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SAMPLE NO. 573235
SAMPLE DESCRIPTION WP-SP11-MW07-GW01
DATE/TIME TAKEN 11/15/1999 12:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
3-Dichlorobenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
cis-1,2-Dichloroethene	765		ug/L	11/23/1999		2170	<10	jpf	SW 8260A
trans-1,2-Dichloroethene	35.6		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Ethylbenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
n-Hexane	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
2-Hexanone	<12.5		ug/L	11/28/1999		2177	<12.5	dmg	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Bromomethane	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
Methylene Chloride	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	11/28/1999		2177	<12.5	dmg	SW 8260A
n-Propylbenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Styrene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Naphthalene	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A

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Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 573235
SAMPLE DESCRIPTION WP-SP11-MW07-GW01
DATE/TIME TAKEN 11/15/1999 12:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
.,1,2-Tetrachloroethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Tetrachloroethene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Toluene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Trichloroethene	630		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Vinyl Acetate	<5.0		ug/L	11/28/1999		2177	<5.0	dmg	SW 8260A
Vinyl Chloride	4.9		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Xylenes	<1.0		ug/L	11/28/1999		2177	<1.0	dmg	SW 8260A
Surrogate:Dibromofluoromethane	108		%	11/28/1999		2177		dmg	SW 8260A
Surrogate:Toluene-d8	95		%	11/28/1999		2177		dmg	SW 8260A
Surrogate:Bromofluorobenzene	94		%	11/28/1999		2177		dmg	SW 8260A

TestAmerica
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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 573236	**SAMPLE DESCRIPTION** WP-SP11-MW03-GW01								**DATE/TIME TAKEN** 11/15/1999 13:15
kalinity, Total (CaCO3)	817		mg/L	11/24/1999		541	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			11/16/1999		1179	Complete	rrs	SW 6010A
Iron, ICP	6.94		mg/L	11/16/1999	1585	1744	<0.10	rrs	SW 6010A
Metals Digestion, ICP	Complete			11/16/1999	1585		Complete	mjh	SW 3010A

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ANALYTICAL REPORT

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12/01/1999

Job Number: 99.20075

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 573236
SAMPLE DESCRIPTION WP-SP11-MW03-GW01
DATE/TIME TAKEN 11/15/1999 13:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
LATILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			11/23/1999		2170	Complete	mrh	
Acetone	120		ug/L	11/23/1999		2170	<20.0	mrh	SW 8260A
Benzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
tert-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
sec-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
n-Butylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromochloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromodichloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromoform	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
Carbon disulfide	5.2		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Carbon tetrachloride	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloroethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
2-Chlorotoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
4-Chlorotoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloroform	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Chloromethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Dibromochloromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Dibromomethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A

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ANALYTICAL REPORT

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11499 Chester Road
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12/01/1999

Job Number: 99.20075

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SAMPLE NO. 573236
SAMPLE DESCRIPTION WP-SP11-MW03-GW01
DATE/TIME TAKEN 11/15/1999 13:15

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
3-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
cis-1,2-Dichloroethene	33.3		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
trans-1,2-Dichloroethene	4.4		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Ethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
n-Hexane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
2-Hexanone	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Bromomethane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Methylene Chloride	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	11/23/1999		2170	<12.5	mrh	SW 8260A
n-Propylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Styrene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Naphthalene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A

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ANALYTICAL REPORT

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12/01/1999

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	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 573236	**SAMPLE DESCRIPTION** WP-SP11-MW03-GW01								**DATE/TIME TAKEN** 11/15/1999 13:15
,1,1,2-Tetrachloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Tetrachloroethene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Toluene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Trichloroethene	13.5		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Vinyl Acetate	<5.0		ug/L	11/23/1999		2170	<5.0	mrh	SW 8260A
Vinyl Chloride	24.2		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Xylenes	<1.0		ug/L	11/23/1999		2170	<1.0	mrh	SW 8260A
Surrogate:Dibromofluoromethane	103		%	11/23/1999		2170		mrh	SW 8260A
Surrogate:Toluene-d8	97		%	11/23/1999		2170		mrh	SW 8260A
Surrogate:Bromofluorobenzene	93		%	11/23/1999		2170		mrh	SW 8260A

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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	CCV True Concentration	CCV Concentration Observed	Flag	Units	Percent Recovery
Alkalinity, Total (CaC03)		541	100.	99		mg/L	99
Iron, ICP		1744	1.00	1.04		mg/L	104
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2170	50	52.1		ug/L	104
Bromoform		2170	50	48.6		ug/L	97
Chlorobenzene		2170	50	54.9		ug/L	110
Chloroform		2170	50	50.5		ug/L	101
Chloromethane		2170	50	52.8		ug/L	106
1,1-Dichloroethane		2170	50	51.0		ug/L	102
1,1-Dichloroethene		2170	50	51.9		ug/L	104
1,2-Dichloropropane		2170	50	51.6		ug/L	103
Ethylbenzene		2170	50	54.1		ug/L	108
1,1,2,2-Tetrachloroethane		2170	50	54.7		ug/L	109
Toluene		2170	50	51.3		ug/L	103
Vinyl Chloride		2170	50	57.0		ug/L	114
Xylenes		2170	150	162		ug/L	108

CCV - Continuing Calibration Verification

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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	CCV True Concentration	CCV Concentration Observed	Flag	Units	Percent Recovery
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2174	50	50.6		ug/L	101
Bromoform		2174	50	47.1		ug/L	94
Chlorobenzene		2174	50	56.9		ug/L	114
Chloroform		2174	50	51.7		ug/L	103
Chloromethane		2174	50	51.0		ug/L	102
1,1-Dichloroethane		2174	50	50.0		ug/L	100
1,1-Dichloroethene		2174	50	48.3		ug/L	97
1,2-Dichloropropane		2174	50	52.2		ug/L	104
Ethylbenzene		2174	50	55.2		ug/L	110
1,1,2,2-Tetrachloroethane		2174	50	56.5		ug/L	113
Toluene		2174	50	51.6		ug/L	103
Vinyl Chloride		2174	50	53.3		ug/L	107
Xylenes		2174	150	164		ug/L	109
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2177	50	51.7		ug/L	103
Bromoform		2177	50	50.1		ug/L	100
Chlorobenzene		2177	50	54.8		ug/L	110
Chloroform		2177	50	57.1		ug/L	114
Chloromethane		2177	50	49.7		ug/L	99
1,1-Dichloroethane		2177	50	56.7		ug/L	113
1,1-Dichloroethene		2177	50	58.0		ug/L	116
1,2-Dichloropropane		2177	50	50.9		ug/L	102
Ethylbenzene		2177	50	54.2		ug/L	108
1,1,2,2-Tetrachloroethane		2177	50	56.9		ug/L	114
Toluene		2177	50	51.4		ug/L	103
Vinyl Chloride		2177	50	55.1		ug/L	110
Xylenes		2177	50	158		ug/L	105

CCV - Continuing Calibration Verification

TestAmerica
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QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
Iron, ICP	1585	1744	<0.10		mg/L	11/16/1999
Iron, ICP		1744	<0.10		mg/L	
VOLATILE COMPOUNDS - 8260 (AQ)						
Acetone		2170	<20.0		ug/L	
Benzene		2170	<1.0		ug/L	
tert-Butylbenzene		2170	<1.0		ug/L	
sec-Butylbenzene		2170	<1.0		ug/L	
n-Butylbenzene		2170	<1.0		ug/L	
Bromochloromethane		2170	<1.0		ug/L	
Bromodichloromethane		2170	<1.0		ug/L	
Bromoform		2170	<1.0		ug/L	
Bromobenzene		2170	<1.0		ug/L	
2-Butanone (MEK)		2170	<12.5		ug/L	
Carbon disulfide		2170	<1.0		ug/L	
Carbon tetrachloride		2170	<1.0		ug/L	
Chlorobenzene		2170	<1.0		ug/L	
Chloroethane		2170	<5.0		ug/L	
2-Chlorotoluene		2170	<1.0		ug/L	
4-Chlorotoluene		2170	<1.0		ug/L	
Chloroform		2170	<1.0		ug/L	
Chloromethane		2170	<5.0		ug/L	
Dibromochloromethane		2170	<1.0		ug/L	
Dibromomethane		2170	<1.0		ug/L	
Dichlorodifluoromethane		2170	<1.0		ug/L	
1,2-Dibromo-3-chloropropane		2170	<5.0		ug/L	
1,2-Dichlorobenzene		2170	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
BLANKS

Chris Norman
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11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,3-Dichlorobenzene		2170	<1.0		ug/L	
1,4-Dichlorobenzene		2170	<1.0		ug/L	
1,1-Dichloroethane		2170	<1.0		ug/L	
1,2-Dichloroethane		2170	<1.0		ug/L	
1,1-Dichloroethene		2170	<1.0		ug/L	
cis-1,2-Dichloroethene		2170	<1.0		ug/L	
trans-1,2-Dichloroethene		2170	<1.0		ug/L	
1,2-Dichloropropane		2170	<1.0		ug/L	
1,3-Dichloropropane		2170	<1.0		ug/L	
2,2-Dichloropropane		2170	<1.0		ug/L	
1,1-Dichloropropene		2170	<1.0		ug/L	
cis-1,3-Dichloropropene		2170	<1.0		ug/L	
trans-1,3-Dichloropropene		2170	<1.0		ug/L	
Ethylbenzene		2170	<1.0		ug/L	
Hexachlorobutadiene		2170	<5.0		ug/L	
n-Hexane		2170	<5.0		ug/L	
2-Hexanone		2170	<12.5		ug/L	
Isopropylbenzene (Cumene)		2170	<1.0		ug/L	
p-Isopropyltoluene		2170	<1.0		ug/L	
Bromomethane		2170	<5.0		ug/L	
Methylene Chloride		2170	<5.0		ug/L	
4-Methyl-2-pentanone (MIBK)		2170	<12.5		ug/L	
n-Propylbenzene		2170	<1.0		ug/L	
Styrene		2170	<1.0		ug/L	
Naphthalene		2170	<5.0		ug/L	
1,1,1,2-Tetrachloroethane		2170	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
BLANKS

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12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,1,2,2-Tetrachloroethane		2170	<1.0		ug/L	
Tetrachloroethene		2170	<1.0		ug/L	
Toluene		2170	<1.0		ug/L	
1,2,4-Trichlorobenzene		2170	<5.0		ug/L	
1,1,1-Trichloroethane		2170	<1.0		ug/L	
1,1,2-Trichloroethane		2170	<1.0		ug/L	
Trichloroethene		2170	<1.0		ug/L	
Trichlorofluoromethane		2170	<1.0		ug/L	
1,2,3-Trichloropropane		2170	<5.0		ug/L	
1,2,4-Trimethylbenzene		2170	<1.0		ug/L	
1,3,5-Trimethylbenzene		2170	<1.0		ug/L	
Vinyl Acetate		2170	<5.0		ug/L	
Vinyl Chloride		2170	<1.0		ug/L	
Xylenes		2170	<1.0		ug/L	
Surrogate:Dibromofluoromethane		2170	101		%	
Surrogate:Toluene-d8		2170	99		%	
Surrogate:Bromofluorobenzene		2170	85		%	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
VOLATILE COMPOUNDS - 8260 (AQ)						
Acetone		2174	<20.0		ug/L	
Benzene		2174	<1.0		ug/L	
tert-Butylbenzene		2174	<1.0		ug/L	
sec-Butylbenzene		2174	<1.0		ug/L	
n-Butylbenzene		2174	<1.0		ug/L	
Bromochloromethane		2174	<1.0		ug/L	
Bromodichloromethane		2174	<1.0		ug/L	
Bromoform		2174	<1.0		ug/L	
Bromobenzene		2174	<1.0		ug/L	
2-Butanone (MEK)		2174	<12.5		ug/L	
Carbon disulfide		2174	<1.0		ug/L	
Carbon tetrachloride		2174	<1.0		ug/L	
Chlorobenzene		2174	<1.0		ug/L	
Chloroethane		2174	<5.0		ug/L	
2-Chlorotoluene		2174	<1.0		ug/L	
4-Chlorotoluene		2174	<1.0		ug/L	
Chloroform		2174	<1.0		ug/L	
Chloromethane		2174	<5.0		ug/L	
Dibromochloromethane		2174	<1.0		ug/L	
Dibromomethane		2174	<1.0		ug/L	
Dichlorodifluoromethane		2174	<1.0		ug/L	
1,2-Dibromo-3-chloropropane		2174	<5.0		ug/L	
1,2-Dichlorobenzene		2174	<1.0		ug/L	
1,3-Dichlorobenzene		2174	<1.0		ug/L	
1,4-Dichlorobenzene		2174	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,1-Dichloroethane		2174	<1.0		ug/L	
1,2-Dichloroethane		2174	<1.0		ug/L	
1,1-Dichloroethene		2174	<1.0		ug/L	
cis-1,2-Dichloroethene		2174	<1.0		ug/L	
trans-1,2-Dichloroethene		2174	<1.0		ug/L	
1,2-Dichloropropane		2174	<1.0		ug/L	
1,3-Dichloropropane		2174	<1.0		ug/L	
2,2-Dichloropropane		2174	<1.0		ug/L	
1,1-Dichloropropene		2174	<1.0		ug/L	
cis-1,3-Dichloropropene		2174	<1.0		ug/L	
trans-1,3-Dichloropropene		2174	<1.0		ug/L	
Ethylbenzene		2174	<1.0		ug/L	
Hexachlorobutadiene		2174	<5.0		ug/L	
n-Hexane		2174	<5.0		ug/L	
2-Hexanone		2174	<12.5		ug/L	
Isopropylbenzene (Cumene)		2174	<1.0		ug/L	
p-Isopropyltoluene		2174	<1.0		ug/L	
Bromomethane		2174	<5.0		ug/L	
Methylene Chloride		2174	<5.0		ug/L	
4-Methyl-2-pentanone (MIBK)		2174	<12.5		ug/L	
n-Propylbenzene		2174	<1.0		ug/L	
Styrene		2174	<1.0		ug/L	
Naphthalene		2174	<5.0		ug/L	
1,1,1,2-Tetrachloroethane		2174	<1.0		ug/L	
1,1,2,2-Tetrachloroethane		2174	<1.0		ug/L	
Tetrachloroethene		2174	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
Toluene		2174	<1.0		ug/L	
1,2,4-Trichlorobenzene		2174	<5.0		ug/L	
1,1,1-Trichloroethane		2174	<1.0		ug/L	
1,1,2-Trichloroethane		2174	<1.0		ug/L	
Trichloroethene		2174	<1.0		ug/L	
Trichlorofluoromethane		2174	<1.0		ug/L	
1,2,3-Trichloropropane		2174	<5.0		ug/L	
1,2,4-Trimethylbenzene		2174	<1.0		ug/L	
1,3,5-Trimethylbenzene		2174	<1.0		ug/L	
Vinyl Acetate		2174	<5.0		ug/L	
Vinyl Chloride		2174	<1.0		ug/L	
Xylenes		2174	<1.0		ug/L	
Surrogate:Dibromofluoromethane		2174	103		%	
Surrogate:Toluene-d8		2174	98		%	
Surrogate:Bromofluorobenzene		2174	93		%	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
VOLATILE COMPOUNDS - 8260 (AQ)						
Acetone		2177	<20.0		ug/L	
Benzene		2177	<1.0		ug/L	
tert-Butylbenzene		2177	<1.0		ug/L	
sec-Butylbenzene		2177	<1.0		ug/L	
n-Butylbenzene		2177	<1.0		ug/L	
Bromochloromethane		2177	<1.0		ug/L	
Bromodichloromethane		2177	<1.0		ug/L	
Bromoform		2177	<1.0		ug/L	
Bromobenzene		2177	<1.0		ug/L	
2-Butanone (MEK)		2177	<12.5		ug/L	
Carbon disulfide		2177	<1.0		ug/L	
Carbon tetrachloride		2177	<1.0		ug/L	
Chlorobenzene		2177	<1.0		ug/L	
Chloroethane		2177	<5.0		ug/L	
2-Chlorotoluene		2177	<1.0		ug/L	
4-Chlorotoluene		2177	<1.0		ug/L	
Chloroform		2177	<1.0		ug/L	
Chloromethane		2177	<5.0		ug/L	
Dibromochloromethane		2177	<1.0		ug/L	
Dibromomethane		2177	<1.0		ug/L	
Dichlorodifluoromethane		2177	<1.0		ug/L	
1,2-Dibromo-3-chloropropane		2177	<5.0		ug/L	
1,2-Dichlorobenzene		2177	<1.0		ug/L	
1,3-Dichlorobenzene		2177	<1.0		ug/L	
1,4-Dichlorobenzene		2177	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,1-Dichloroethane		2177	<1.0		ug/L	
1,2-Dichloroethane		2177	<1.0		ug/L	
1,1-Dichloroethene		2177	<1.0		ug/L	
cis-1,2-Dichloroethene		2177	<1.0		ug/L	
trans-1,2-Dichloroethene		2177	<1.0		ug/L	
1,2-Dichloropropane		2177	<1.0		ug/L	
1,3-Dichloropropane		2177	<1.0		ug/L	
2,2-Dichloropropane		2177	<1.0		ug/L	
1,1-Dichloropropene		2177	<1.0		ug/L	
cis-1,3-Dichloropropene		2177	<1.0		ug/L	
trans-1,3-Dichloropropene		2177	<1.0		ug/L	
Ethylbenzene		2177	<1.0		ug/L	
Hexachlorobutadiene		2177	<5.0		ug/L	
n-Hexane		2177	<5.0		ug/L	
2-Hexanone		2177	<12.5		ug/L	
Isopropylbenzene (Cumene)		2177	<1.0		ug/L	
p-Isopropyltoluene		2177	<1.0		ug/L	
Bromomethane		2177	<5.0		ug/L	
Methylene Chloride		2177	<5.0		ug/L	
4-Methyl-2-pentanone (MIBK)		2177	<12.5		ug/L	
n-Propylbenzene		2177	<1.0		ug/L	
Styrene		2177	<1.0		ug/L	
Naphthalene		2177	<5.0		ug/L	
1,1,1,2-Tetrachloroethane		2177	<1.0		ug/L	
1,1,2,2-Tetrachloroethane		2177	<1.0		ug/L	
Tetrachloroethene		2177	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
Toluene		2177	<1.0		ug/L	
1,2,4-Trichlorobenzene		2177	<5.0		ug/L	
1,1,1-Trichloroethane		2177	<1.0		ug/L	
1,1,2-Trichloroethane		2177	<1.0		ug/L	
Trichloroethene		2177	<1.0		ug/L	
Trichlorofluoromethane		2177	<1.0		ug/L	
1,2,3-Trichloropropane		2177	<5.0		ug/L	
1,2,4-Trimethylbenzene		2177	<1.0		ug/L	
1,3,5-Trimethylbenzene		2177	<1.0		ug/L	
Vinyl Acetate		2177	<5.0		ug/L	
Vinyl Chloride		2177	<1.0		ug/L	
Xylenes		2177	<1.0		ug/L	
Surrogate:Dibromofluoromethane		2177	110		%	
Surrogate:Toluene-d8		2177	95		%	
Surrogate:Bromofluorobenzene		2177	95		%	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	LCS True Concentration	LCS Concentration Observed	Units	LCS % Recovery	Flag
Iron, ICP	1585	1744	1.00	1.03	mg/L	103	
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2170	20	18.6	ug/L	93	
Chlorobenzene		2170	20	17.9	ug/L	90	
1,1-Dichloroethene		2170	20	18.1	ug/L	91	
Ethylbenzene		2170	20	18.7	ug/L	94	
Toluene		2170	20	17.7	ug/L	89	
Trichloroethene		2170	20	18.0	ug/L	90	
Xylenes		2170	60	55.1	ug/L	92	
Surrogate:Dibromofluoromethane		2170	50	51.8	%	104	
Surrogate:Toluene-d8		2170	50	49.2	%	98	
Surrogate:Bromofluorobenzene		2170	50	46.4	%	93	

LCS - Laboratory Control Standard

Advisory Control Limits : Inorganics statistical limits are established at the mean +/- 3 standard deviations. If statistical limits are not established the LCS should be 80 - 120 % recovery.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	LCS True Concentration	LCS Concentration Observed	Units	LCS % Recovery	Flag
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2174	20	18.7	ug/L	94	
Chlorobenzene		2174	20	19.3	ug/L	97	
1,1-Dichloroethene		2174	20	16.6	ug/L	83	
Ethylbenzene		2174	20	18.8	ug/L	94	
Toluene		2174	20	18.3	ug/L	92	
Trichloroethene		2174	20	17.8	ug/L	89	
Xylenes		2174	60	56.4	ug/L	94	
Surrogate:Dibromofluoromethane		2174	50	52.8	%	106	
Surrogate:Toluene-d8		2174	50	48.8	%	98	
Surrogate:Bromofluorobenzene		2174	50	50.7	%	101	
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2177	20	18.2	ug/L	91	
Chlorobenzene		2177	20	18.1	ug/L	90	
1,1-Dichloroethene		2177	20	18.6	ug/L	93	
Ethylbenzene		2177	20	19.3	ug/L	96	
Toluene		2177	20	18.5	ug/L	92	
Trichloroethene		2177	20	18.6	ug/L	93	
Xylenes		2177	60	55.5	ug/L	92	
Surrogate:Dibromofluoromethane		2177	50	54.5	%	109	
Surrogate:Toluene-d8		2177	50	47.7	%	95	
Surrogate:Bromofluorobenzene		2177	50	49.9	%	99	

LCS - Laboratory Control Standard

Advisory Control Limits : Inorganics statistical limits are established at the mean +/- 3 standard deviations.
If statistical limits are not established the LCS should be 80 - 120 % recovery.

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Matrix Spike Result	Sample Result	Spike Amount	Units	% Rec.	MSD Result	MSD Spike Amount	Units	% Rec.	RPD	Flag
Alkalinity, Total (CaCO3)		541	822	332	500	mg/L	98	812	500	mg/L	96	1.2	
Iron, ICP	1585	1744	20.7	19.2	1.00	mg/L	150	20.4	1.00	mg/L	120	1.5	
VOLATILE COMPOUNDS - 8260 (AQ)													
Benzene		2170	49	29.4	20	ug/L	98	47	20	ug/L	88	4.2	
Chlorobenzene		2170	18	<1.0	20	ug/L	90	20	20	ug/L	100	11	
1,1-Dichloroethene		2170	20	<1.0	20	ug/L	100	21	20	ug/L	105	4.9	
Ethylbenzene		2170	25	4.4	20	ug/L	103	25	20	ug/L	103	0	
Toluene		2170	19	<1.0	20	ug/L	95	20	20	ug/L	100	5.1	
Trichloroethene		2170	19	<1.0	20	ug/L	95	21	20	ug/L	105	10	
Xylenes		2170	58	<1.0	60	ug/L	97	61	60	ug/L	102	5	

NOTE: Matrix Spike Samples may not be samples from this job.

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Matrix Spike Result	Sample Result	Spike Amount	Units	% Rec.	MSD Result	MSD Spike Amount	Units	% Rec.	RPD	Flag
VOLATILE COMPOUNDS - 8260 (AQ)													
Benzene		2174	21	<1.0	20	ug/L	105	19	20	ug/L	95	10	
Chlorobenzene		2174	21	<1.0	20	ug/L	105	19	20	ug/L	95	10	
1,1-Dichloroethene		2174	24	<1.0	20	ug/L	120	20	20	ug/L	100	18	
thylbenzene		2174	22	<1.0	20	ug/L	110	20	20	ug/L	100	9.5	
Toluene		2174	21	<1.0	20	ug/L	105	19	20	ug/L	95	10	
Trichloroethene		2174	21	<1.0	20	ug/L	105	20	20	ug/L	100	4.9	
Xylenes		2174	64	<1.0	60	ug/L	107	58	60	ug/L	97	9.8	

NOTE: Matrix Spike Samples may not be samples from this job.

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
DUPLICATES

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/01/1999

Job Number: 99.20075

Analyte	Prep Batch Number	Run Batch Number	Original Analysis	Duplicate Analysis	Units	RPD	Flag
Alkalinity, Total (CaCO3)		541	51	51	mg/L	0.0	

NOTE: Spikes and Duplicates may not be samples from this job.

RPD - Relative Percent Difference

Advisory Control Limits for Duplicates - RPD should be less than 20.

TESTAMERICA INC.

Chain of Cu... y Record

- ☐ Asheville, NC (A) (828) 254-5169
- ☐ Bartlett, IL (C) (630) 289-3100
- ☐ Cedar Falls, IA (E) (319) 277-2401
- ☐ Charlotte, NC (G) (704) 392-1164
- ☒ Dayton, OH (I) (937) 294-6856
- ☐ Lumberton, NC (K) (910) 738-6190
- ☐ Nashville, TN (M) (615) 726-0177
- ☐ Pontiac, MI (O) (248) 332-1940
- ☐ Rockford, Il (Q) (815) 874-2171
- ☐ Atlanta, GA (B) (770) 368-0636
- ☐ Brighton, CO (D) (303) 659-0497
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- ☐ Macon, GA (N) (912) 757-0811
- ☐ Orlando, FL (P) (407) 851-2560
- ☐ Watertown, WI (R) (920) 261-1660

Client: IT CORP
Project No.: 781791
Report Address: 11499 Chester Rd
Invoice Address: 11499 Chester Rd
Cin., OH 45246
Attn: Chris Norman
Attn: Chris Norman
Phone No.: 513-782-4971
Sampled By: V Voisard
Fax No.: 513-782-4749
P.O. No:
Quote No.
State Samples Collected OH

TURNAROUND TIME
☒ Standard
☐ Rush (surcharges may apply)
Date Needed:

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes___ No X

Is this work being conducted for regulatory enforcement action? Yes___ No X

Which regulations apply:
RCRA___ NPDES Wastewater___
UST___ Drinking Water___
Other___ None X

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	VOC 40 mL Glass	Fe 500 ml Plastic	Total Alkalinity 1000 Plastic	HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
WP-SP11-MW05-GW01	11-15	0915	G	GW		X	X	X	3		1			1	
WP-SP11-MW08-GW01	11-15-99	1110	G	GW		X	X	X	3		1			1	
WP-SP11-MW09-GW01	11-15	1010	G	GW		X	X	X	3		1			1	
WP-SP11-MW07-GW01	11-15	1215	G	GW		X	X	X	3		1			1	
WP-SP11-MW03-GW01	11-15	1315	G	GW		X	X	X	3		1			1	

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp: 17°C Rec Lab Temp

COMMENTS:

Clipper

Relinquished By	Date	Time	Received By	Date	Time
Vicki L Voisard	11-15-99	1350	Kyn #978	11/15/99	1350
			C. VanZant	11/15/99	1415

LAB USE ONLY:
Custody Seal: ☐ Yes ☐ No ☐ N/A
Bottles Supplied by T... ☐ Yes ☐ No

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
579805	WP-SP11-MW09-GW01	12/15/1999	12/15/1999
579806	WP-SP11-MW08-GW01	12/15/1999	12/15/1999
579807	WP-SP11-MW05-GW01	12/15/1999	12/15/1999
579808	WP-SP11-MW07-GW01	12/15/1999	12/15/1999
579809	WP-SP11-IN01-GW01	12/15/1999	12/15/1999
579810	WP-SP11-MW03-GW01	12/15/1999	12/15/1999
579811	WP-SP11-IN07-GW01	12/15/1999	12/15/1999

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Debbie Jennings
Approved By

3601 S. Dixie Drive / Dayton, Ohio 45439 / 937-294-6856 / Fax: 937-294-7816 / 800-572-9839

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579805	**SAMPLE DESCRIPTION** WP-SP11-MW09-GW01								**DATE/TIME TAKEN** 12/15/1999 09:55
..inity, Total (CaC03)	457		mg/L	12/28/1999		547	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			12/29/1999		1245	Complete	mhr	SW 6010A
Iron, ICP	7.79		mg/L	12/29/1999	1624	1850	<0.10	mhr	SW 6010A
Metals Digestion, ICP	Complete			12/21/1999	1624		Complete	epk	SW 3010A

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ANALYTICAL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579805
SAMPLE DESCRIPTION WP-SP11-MW09-GW01
DATE/TIME TAKEN 12/15/1999 09:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
TILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			12/22/1999		2221	Complete	jpf	
Acetone	<20.0		ug/L	12/22/1999		2221	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A

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Job Number: 99.22227

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SAMPLE NO. 579805 **SAMPLE DESCRIPTION** WP-SP11-MW09-GW01 **DATE/TIME TAKEN** 12/15/1999 09:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	42.2		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,2-Dichloroethene	8.00		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A

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SAMPLE NO. 579805 — **SAMPLE DESCRIPTION** WP-SP11-MW09-GW01 — **DATE/TIME TAKEN** 12/15/1999 09:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Vinyl Chloride	11.3		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	106		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Toluene-d8	96		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Bromofluorobenzene	92		%	12/22/1999		2221		jpf	SW 8260A

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	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579806	**SAMPLE DESCRIPTION** WP-SP11-MW08-GW01								**DATE/TIME TAKEN** 12/15/1999 11:05
.inity, Total (CaC03)	446		mg/L	12/28/1999		547	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			12/29/1999		1245	Complete	mhr	SW 6010A
Iron, ICP	10.9		mg/L	12/29/1999	1624	1850	<0.10	mhr	SW 6010A
Metals Digestion, ICP	Complete			12/21/1999	1624		Complete	epk	SW 3010A

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SAMPLE NO. 579806
SAMPLE DESCRIPTION WP-SP11-MW08-GW01
DATE/TIME TAKEN 12/15/1999 11:05

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
.TILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			12/22/1999		2221	Complete	jpf	
Acetone	<20.0		ug/L	12/22/1999		2221	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A

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SAMPLE NO. 579806
SAMPLE DESCRIPTION WP-SP11-MW08-GW01
DATE/TIME TAKEN 12/15/1999 11:05

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	28.6		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,2-Dichloroethene	4.4		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A

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SAMPLE NO. 579806 **SAMPLE DESCRIPTION** WP-SP11-MW08-GW01 **DATE/TIME TAKEN** 12/15/1999 11:05

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Vinyl Chloride	17.7		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	106		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Toluene-d8	96		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Bromofluorobenzene	92		%	12/22/1999		2221		jpf	SW 8260A

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	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579807	**SAMPLE DESCRIPTION** WP-SP11-MW05-GW01								**DATE/TIME TAKEN** 12/15/1999 11:55
.inity, Total (CaC03)	311		mg/L	12/28/1999		547	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			12/29/1999		1245	Complete	mhr	SW 6010A
Iron, ICP	0.36		mg/L	12/29/1999	1624	1850	<0.10	mhr	SW 6010A
Metals Digestion, ICP	Complete			12/21/1999	1624		Complete	epk	SW 3010A

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Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN
579807	WP-SP11-MW05-GW01	12/15/1999 11:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
ILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			12/22/1999		2221	Complete	jpf	
Acetone	<20.0		ug/L	12/22/1999		2221	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A

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ANALYTICAL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579807
SAMPLE DESCRIPTION WP-SP11-MW05-GW01
DATE/TIME TAKEN 12/15/1999 11:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
ichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,2-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A

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Job Number: 99.22227

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SAMPLE NO. 579807 — **SAMPLE DESCRIPTION** WP-SP11-MW05-GW01 — **DATE/TIME TAKEN** 12/15/1999 11:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Vinyl Chloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	105		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Toluene-d8	96		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Bromofluorobenzene	93		%	12/22/1999		2221		jpf	SW 8260A

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12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579808	**SAMPLE DESCRIPTION** WP-SP11-MW07-GW01								**DATE/TIME TAKEN** 12/15/1999 12:55
linity, Total (CaC03)	944		mg/L	12/28/1999		547	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			12/29/1999		1245	Complete	mhr	SW 6010A
Iron, ICP	35.5		mg/L	12/29/1999	1624	1850	<0.10	mhr	SW 6010A
Metals Digestion, ICP	Complete			12/21/1999	1624		Complete	epk	SW 3010A

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Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579808	**SAMPLE DESCRIPTION** WP-SP11-MW07-GW01							**DATE/TIME TAKEN** 12/15/1999 12:55	
ΓILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			12/22/1999		2221	Complete	jpf	
Acetone	<20.0		ug/L	12/22/1999		2221	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A

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SAMPLE NO. 579808
SAMPLE DESCRIPTION WP-SP11-MW07-GW01
DATE/TIME TAKEN 12/15/1999 12:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	393		ug/L	12/23/1999		2222	<100	mrh	SW 8260A
trans-1,2-Dichloroethene	43.6		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A

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SAMPLE NO. 579808
SAMPLE DESCRIPTION WP-SP11-MW07-GW01
DATE/TIME TAKEN 12/15/1999 12:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichloroethene	61.7		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Vinyl Chloride	5.4		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	105		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Toluene-d8	98		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Bromofluorobenzene	92		%	12/22/1999		2221		jpf	SW 8260A

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12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579809	**SAMPLE DESCRIPTION** WP-SP11-IN01-GW01								**DATE/TIME TAKEN** 12/15/1999 13:30
linity, Total (CaC03)	861		mg/L	12/28/1999		547	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			12/29/1999		1245	Complete	mhr	SW 6010A
Iron, ICP	33.2		mg/L	12/29/1999	1624	1850	<0.10	mhr	SW 6010A
Metals Digestion, ICP	Complete			12/21/1999	1624		Complete	epk	SW 3010A

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	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579809	**SAMPLE DESCRIPTION** WP-SP11-IN01-GW01								**DATE/TIME TAKEN** 12/15/1999 13:30
:ILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			12/22/1999		2221	Complete	jpf	
Acetone	<20.0		ug/L	12/22/1999		2221	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A

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SAMPLE NO. 579809
SAMPLE DESCRIPTION WP-SP11-IN01-GW01
DATE/TIME TAKEN 12/15/1999 13:30

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	141.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,2-Dichloroethene	26.1		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A

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ANALYTICAL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN
579809	WP-SP11-IN01-GW01	12/15/1999 13:30

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichloroethene	3.10		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Vinyl Chloride	12.9		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	108		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Toluene-d8	100		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Bromofluorobenzene	92		%	12/22/1999		2221		jpf	SW 8260A

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ANALYTICAL REPORT

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IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 579810	**SAMPLE DESCRIPTION** WP-SP11-MW03-GW01								**DATE/TIME TAKEN** 12/15/1999 15:00
.inity, Total (CaC03)	798		mg/L	12/28/1999		547	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			12/29/1999		1245	Complete	mhr	SW 6010A
Iron, ICP	21.2		mg/L	12/29/1999	1624	1850	<0.10	mhr	SW 6010A
Metals Digestion, ICP	Complete			12/21/1999	1624		Complete	epk	SW 3010A

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12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579810
SAMPLE DESCRIPTION WP-SP11-MW03-GW01
DATE/TIME TAKEN 12/15/1999 15:00

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
TILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			12/22/1999		2221	Complete	jpf	
Acetone	<20.0		ug/L	12/22/1999		2221	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A

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12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579810
SAMPLE DESCRIPTION WP-SP11-MW03-GW01
DATE/TIME TAKEN 12/15/1999 15:00

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	30.7		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,2-Dichloroethene	5.20		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A

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ANALYTICAL REPORT

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11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579810 **SAMPLE DESCRIPTION** WP-SP11-MW03-GW01 **DATE/TIME TAKEN** 12/15/1999 15:00

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichloroethene	4.40		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Vinyl Chloride	49.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	107		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Toluene-d8	95		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Bromofluorobenzene	95		%	12/22/1999		2221		jpf	SW 8260A

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ANALYTICAL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579811
SAMPLE DESCRIPTION WP-SP11-IN07-GW01
DATE/TIME TAKEN 12/15/1999 14:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
linity, Total (CaC03)	1,030		mg/L	12/28/1999		547	<10	dgr	EPA 310.1/SM 2320 B
ICP TOTAL METALS	Complete			12/29/1999		1245	Complete	mhr	SW 6010A
Iron, ICP	15.6		mg/L	12/29/1999	1624	1850	<0.10	mhr	SW 6010A
Metals Digestion, ICP	Complete			12/21/1999	1624		Complete	epk	SW 3010A

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Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579811 — **SAMPLE DESCRIPTION** WP-SP11-IN07-GW01 — **DATE/TIME TAKEN** 12/15/1999 14:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
:ILE COMPOUNDS - 8260 (AQ)									
8260 - SW846 (AQ)	Complete			12/22/1999		2221	Complete	jpf	
Acetone	28.90		ug/L	12/22/1999		2221	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A

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11499 Chester Road
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12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579811 — **SAMPLE DESCRIPTION** WP-SP11-IN07-GW01 — **DATE/TIME TAKEN** 12/15/1999 14:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,4-Dichlorobenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,2-Dichloroethene	223		ug/L	12/27/1999		2226	<10	jpf	SW 8260A
trans-1,2-Dichloroethene	23.8		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
2,2-Dichloropropane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
cis-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
trans-1,3-Dichloropropene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Ethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Hexachlorobutadiene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
n-Hexane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
2-Hexanone	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
Isopropylbenzene (Cumene)	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
p-Isopropyltoluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Bromomethane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Methylene Chloride	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	12/22/1999		2221	<12.5	jpf	SW 8260A
n-Propylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Styrene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Naphthalene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A

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12/31/1999

Job Number: 99.22227

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 579811 **SAMPLE DESCRIPTION** WP-SP11-IN07-GW01 **DATE/TIME TAKEN** 12/15/1999 14:10

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
1,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2,2-Tetrachloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Tetrachloroethene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Toluene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,4-Trichlorobenzene	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,1,1-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,1,2-Trichloroethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichloroethene	6.80		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Trichlorofluoromethane	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,2,3-Trichloropropane	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
1,2,4-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
1,3,5-Trimethylbenzene	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Vinyl Acetate	<5.0		ug/L	12/22/1999		2221	<5.0	jpf	SW 8260A
Vinyl Chloride	71.9		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Xylenes	<1.0		ug/L	12/22/1999		2221	<1.0	jpf	SW 8260A
Surrogate:Dibromofluoromethane	108		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Toluene-d8	95		%	12/22/1999		2221		jpf	SW 8260A
Surrogate:Bromofluorobenzene	93		%	12/22/1999		2221		jpf	SW 8260A

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QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Analyte	Prep Batch Number	Run Batch Number	CCV True Concentration	CCV Concentration Observed	Flag	Units	Percent Recovery
Alkalinity, Total (CaC03)		547	100.	102		mg/L	102
Iron, ICP		1850	1.00	1.02		mg/L	102
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2221	50	50.2		ug/L	100
Bromoform		2221	50	50.9		ug/L	102
Chlorobenzene		2221	50	49.5		ug/L	99
Chloroform		2221	50	51.8		ug/L	104
Chloromethane		2221	50	48.3		ug/L	97
1,1-Dichloroethane		2221	50	52.4		ug/L	105
1,1-Dichloroethene		2221	50	51.3		ug/L	103
1,2-Dichloropropane		2221	50	49.6		ug/L	99
Ethylbenzene		2221	50	49.4		ug/L	99
1,1,2,2-Tetrachloroethane		2221	50	52.0		ug/L	104
Toluene		2221	50	48.2		ug/L	96
Vinyl Chloride		2221	50	51.1		ug/L	102
Xylenes		2221	150	147.9		ug/L	99

CCV - Continuing Calibration Verification

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
Iron, ICP	1624	1844	<0.10		mg/L	12/21/1999
Iron, ICP	1624	1844	<0.10		mg/L	12/21/1999
VOLATILE COMPOUNDS - 8260 (AQ)						
Acetone		2221	<20.0		ug/L	
Benzene		2221	<1.0		ug/L	
tert-Butylbenzene		2221	<1.0		ug/L	
sec-Butylbenzene		2221	<1.0		ug/L	
n-Butylbenzene		2221	<1.0		ug/L	
Bromochloromethane		2221	<1.0		ug/L	
Bromodichloromethane		2221	<1.0		ug/L	
Bromoform		2221	<1.0		ug/L	
Bromobenzene		2221	<1.0		ug/L	
2-Butanone (MEK)		2221	<12.5		ug/L	
Carbon disulfide		2221	<1.0		ug/L	
Carbon tetrachloride		2221	<1.0		ug/L	
Chlorobenzene		2221	<1.0		ug/L	
Chloroethane		2221	<5.0		ug/L	
2-Chlorotoluene		2221	<1.0		ug/L	
4-Chlorotoluene		2221	<1.0		ug/L	
Chloroform		2221	<1.0		ug/L	
Chloromethane		2221	<5.0		ug/L	
Dibromochloromethane		2221	<1.0		ug/L	
Dibromomethane		2221	<1.0		ug/L	
Dichlorodifluoromethane		2221	<1.0		ug/L	
1,2-Dibromo-3-chloropropane		2221	<5.0		ug/L	
1,2-Dichlorobenzene		2221	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

TestAmerica
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QUALITY CONTROL REPORT
BLANKS

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,3-Dichlorobenzene		2221	<1.0		ug/L	
1,4-Dichlorobenzene		2221	<1.0		ug/L	
1,1-Dichloroethane		2221	<1.0		ug/L	
1,2-Dichloroethane		2221	<1.0		ug/L	
1,1-Dichloroethene		2221	<1.0		ug/L	
cis-1,2-Dichloroethene		2221	<1.0		ug/L	
trans-1,2-Dichloroethene		2221	<1.0		ug/L	
1,2-Dichloropropane		2221	<1.0		ug/L	
1,3-Dichloropropane		2221	<1.0		ug/L	
2,2-Dichloropropane		2221	<1.0		ug/L	
1,1-Dichloropropene		2221	<1.0		ug/L	
cis-1,3-Dichloropropene		2221	<1.0		ug/L	
trans-1,3-Dichloropropene		2221	<1.0		ug/L	
Ethylbenzene		2221	<1.0		ug/L	
Hexachlorobutadiene		2221	<5.0		ug/L	
n-Hexane		2221	<5.0		ug/L	
2-Hexanone		2221	<12.5		ug/L	
Isopropylbenzene (Cumene)		2221	<1.0		ug/L	
p-Isopropyltoluene		2221	<1.0		ug/L	
Bromomethane		2221	<5.0		ug/L	
Methylene Chloride		2221	<5.0		ug/L	
4-Methyl-2-pentanone (MIBK)		2221	<12.5		ug/L	
n-Propylbenzene		2221	<1.0		ug/L	
Styrene		2221	<1.0		ug/L	
Naphthalene		2221	<5.0		ug/L	
1,1,1,2-Tetrachloroethane		2221	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
BLANKS

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
1,1,2,2-Tetrachloroethane		2221	<1.0		ug/L	
Tetrachloroethene		2221	<1.0		ug/L	
Toluene		2221	<1.0		ug/L	
1,2,4-Trichlorobenzene		2221	<5.0		ug/L	
1,1,1-Trichloroethane		2221	<1.0		ug/L	
1,1,2-Trichloroethane		2221	<1.0		ug/L	
Trichloroethene		2221	<1.0		ug/L	
Trichlorofluoromethane		2221	<1.0		ug/L	
1,2,3-Trichloropropane		2221	<5.0		ug/L	
1,2,4-Trimethylbenzene		2221	<1.0		ug/L	
1,3,5-Trimethylbenzene		2221	<1.0		ug/L	
Vinyl Acetate		2221	<5.0		ug/L	
Vinyl Chloride		2221	<1.0		ug/L	
Xylenes		2221	<1.0		ug/L	
Surrogate:Dibromofluoromethane		2221	107		%	
Surrogate:Toluene-d8		2221	94		%	
Surrogate:Bromofluorobenzene		2221	93		%	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
BLANKS

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Analyte	Prep Batch Number	Run Batch Number	Blank Analysis	Flag	Units	Date Prepped
VOLATILE COMPOUNDS - 8260 (AQ)						
cis-1,2-Dichloroethene		2226	<1.0		ug/L	

Advisory Control Limits for Blanks:
Metals/Wet Chemistry/ Conventionals/GC - all compounds should be less than the Reporting Limit.
GC/MS - Semi-Volatiles - all compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the reporting limit.
Volatiles - Toluene, methylene chloride, acetone and chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

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QUALITY CONTROL REPORT
LABORATORY CONTROL STANDARD

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

Analyte	Prep Batch Number	Run Batch Number	LCS True Concentration	LCS Concentration Observed	Units	LCS % Recovery	Flag
Iron, ICP	1624	1844	1.00	0.94	mg/L	94	
Iron, ICP	1624	1844	1.00	0.94	mg/L	94	
VOLATILE COMPOUNDS - 8260 (AQ)							
Benzene		2221	20	20.7	ug/L	104	
Chlorobenzene		2221	20	20.3	ug/L	102	
1,1-Dichloroethene		2221	20	21.8	ug/L	109	
Ethylbenzene		2221	20	20.3	ug/L	102	
Toluene		2221	20	19.8	ug/L	99	
Trichloroethene		2221	20	20.5	ug/L	103	
Xylenes		2221	60	60.9	ug/L	102	
Surrogate:Dibromofluoromethane		2221	50	53.2	%	106	
Surrogate:Toluene-d8		2221	50	47.8	%	96	
Surrogate:Bromofluorobenzene		2221	50	47.0	%	94	

LCS - Laboratory Control Standard

Advisory Control Limits : Inorganics statistical limits are established at the mean +/- 3 standard deviations.
If statistical limits are not established the LCS should be 80 - 120 % recovery.

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QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

12/31/1999

Job Number: 99.22227

	Prep Batch Number	Run Batch Number	Matrix Spike Result	Sample Result	Spike Amount	Units	% Rec.	MSD Result	MSD Spike Amount	Units	% Rec.	RPD	Flag
)	1624	1844	1.27	0.27	1.00	mg/L	100	1.51	1.00	mg/L	124	17	
)	1624	1850	1.54	0.60	1.00	mg/L	94	1.54	1.00	mg/L	94	0	
COMPOUNDS - 8260 (AQ)													
		2221	20	<1.0	20	ug/L	100	22	20	ug/L	110	9.5	
nz		2221	20	<1.0	20	ug/L	100	21	20	ug/L	105	4.9	
loroethene		2221	22	<1.0	20	ug/L	110	25	20	ug/L	125	13	
zene		2221	20	<1.0	20	ug/L	100	21	20	ug/L	105	4.9	
		2221	20	<1.0	20	ug/L	100	21	20	ug/L	105	4.9	
ethene		2221	20	<1.0	20	ug/L	100	22	20	ug/L	110	9.5	
		2221	61	<1.0	60	ug/L	102	63	60	ug/L	105	3.2	

Matrix Spike Samples may not be samples from this job.

Matrix Spike
Matrix Spike Duplicate
Relative Percent Difference

3601 S. Dixie Drive / Dayton, Ohio 45439 / 937-294-6856 / Fax: 937-294-7816 / 800-572-9839

Custody Seal: Yes No N/A
Bottles Supplied by TA: Yes No
Relinquished By: Date Time
Received By: Date Time
Relinquished By: Date Time
Received By: Date Time

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

Job Number: 00.02319

Enclosed is the analytical report for the following sample(s) submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
589868	SP11-SB25S	02/16/2000	02/16/2000
589869	SP11-SB26S	02/16/2000	02/16/2000

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Approved By

3601 S. Dixie Drive / Dayton, Ohio 45439 / 937-294-6856 / Fax: 937-294-7816 / 800-572-9839

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02319

SAMPLE NO.: 589868

Sample Description: SP11-SB25S
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS-8260 Non-Aq

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (Non-aq)	Complete			02/18/2000	mrh
Acetone	<100		ug/Kg	02/18/2000	mrh
Benzene	<5.0		ug/Kg	02/18/2000	mrh
·rt-Butylbenzene	<5.0		ug/Kg	02/18/2000	mrh
c-Butylbenzene	<5.0		ug/Kg	02/18/2000	mrh
n-Butylbenzene	<5.0		ug/Kg	02/18/2000	mrh
Bromochloromethane	<5.0		ug/Kg	02/18/2000	mrh
Bromodichloromethane	<5.0		ug/Kg	02/18/2000	mrh
Bromoform	<5.0		ug/Kg	02/18/2000	mrh
Bromobenzene	<5.0		ug/Kg	02/18/2000	mrh
2-Butanone (MEK)	<100		ug/Kg	02/18/2000	mrh
Carbon disulfide	<5.0		ug/Kg	02/18/2000	mrh
Carbon tetrachloride	<5.0		ug/Kg	02/18/2000	mrh
Chlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
Chloroethane	<10.0		ug/Kg	02/18/2000	mrh
2-Chlorotoluene	<5.0		ug/Kg	02/18/2000	mrh
4-Chlorotoluene	<5.0		ug/Kg	02/18/2000	mrh
Chloroform	<5.0		ug/Kg	02/18/2000	mrh
Chloromethane	<10.0		ug/Kg	02/18/2000	mrh
Dibromochloromethane	<5.0		ug/Kg	02/18/2000	mrh
Dibromomethane	<5.0		ug/Kg	02/18/2000	mrh
Dichlorodifluoromethane	<5.0		ug/Kg	02/18/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/Kg	02/18/2000	mrh
1,2-Dichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,3-Dichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,4-Dichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,1-Dichloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,2-Dichloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,1-Dichloroethene	<5.0		ug/Kg	02/18/2000	mrh
cis-1,2-Dichloroethene	92.6		ug/Kg	02/18/2000	mrh
trans-1,2-Dichloroethene	<5.0		ug/Kg	02/18/2000	mrh
2-Dichloropropane	<5.0		ug/Kg	02/18/2000	mrh
3-Dichloropropane	<5.0		ug/Kg	02/18/2000	mrh

TestAmerica
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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02319

SAMPLE NO.: 589868

Sample Description: SP11-SB25S
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS-8260 Non-Aq

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<5.0		ug/Kg	02/18/2000	mrh
1,1-Dichloropropene	<5.0		ug/Kg	02/18/2000	mrh
cis-1,3-Dichloropropene	<5.0		ug/Kg	02/18/2000	mrh
trans-1,3-Dichloropropene	<5.0		ug/Kg	02/18/2000	mrh
Ethylbenzene	<5.0		ug/Kg	02/18/2000	mrh
Hexachlorobutadiene	<5.0		ug/Kg	02/18/2000	mrh
n-Hexane	<10.0		ug/Kg	02/18/2000	mrh
2-Hexanone	<50.0		ug/Kg	02/18/2000	mrh
Isopropylbenzene (Cumene)	<5.0		ug/Kg	02/18/2000	mrh
p-Isopropyltoluene	<5.0		ug/Kg	02/18/2000	mrh
Bromomethane	<10.0		ug/Kg	02/18/2000	mrh
Methylene Chloride	<10.0		ug/Kg	02/18/2000	mrh
4-Methyl-2-pentanone (MIBK)	<50.0		ug/Kg	02/18/2000	mrh
n-Propylbenzene	<5.0		ug/Kg	02/18/2000	mrh
Styrene	<5.0		ug/Kg	02/18/2000	mrh
Naphthalene	<5.0		ug/Kg	02/18/2000	mrh
1,1,1,2-Tetrachloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	02/18/2000	mrh
Tetrachloroethene	<5.0		ug/Kg	02/18/2000	mrh
Toluene	<5.0		ug/Kg	02/18/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,1,1-Trichloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,1,2-Trichloroethane	<5.0		ug/Kg	02/18/2000	mrh
Trichloroethene	287		ug/Kg	02/22/2000	mrh
Trichlorofluoromethane	<5.0		ug/Kg	02/18/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/Kg	02/18/2000	mrh
1,2,4-Trimethylbenzene	<5.0		ug/Kg	02/18/2000	mrh
1,3,5-Trimethylbenzene	<5.0		ug/Kg	02/18/2000	mrh
Vinyl Acetate	<5.0		ug/Kg	02/18/2000	mrh
Vinyl Chloride	<2.0		ug/Kg	02/18/2000	mrh
Xylenes	<5.0		ug/Kg	02/18/2000	mrh
Surrogate:Dibromofluorometh	106		%	02/18/2000	mrh
Surrogate:Toluene-d8	97		%	02/18/2000	mrh

TestAmerica
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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02319

SAMPLE NO.: 589868

Sample Description: SP11-SB25S
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS-8260 Non-Aq

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	90		%	02/18/2000	mrh

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02319

SAMPLE NO.: 589869

Sample Description: SP11-SB26S
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS-8260 Non-Aq

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (Non-aq)	Complete			02/18/2000	mrh
Acetone	<100		ug/Kg	02/18/2000	mrh
Benzene	<5.0		ug/Kg	02/18/2000	mrh
tert-Butylbenzene	<5.0		ug/Kg	02/18/2000	mrh
sec-Butylbenzene	<5.0		ug/Kg	02/18/2000	mrh
n-Butylbenzene	<5.0		ug/Kg	02/18/2000	mrh
Bromochloromethane	<5.0		ug/Kg	02/18/2000	mrh
Bromodichloromethane	<5.0		ug/Kg	02/18/2000	mrh
Bromoform	<5.0		ug/Kg	02/18/2000	mrh
Bromobenzene	<5.0		ug/Kg	02/18/2000	mrh
2-Butanone (MEK)	<100		ug/Kg	02/18/2000	mrh
Carbon disulfide	<5.0		ug/Kg	02/18/2000	mrh
Carbon tetrachloride	<5.0		ug/Kg	02/18/2000	mrh
Chlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
Chloroethane	<10.0		ug/Kg	02/18/2000	mrh
2-Chlorotoluene	<5.0		ug/Kg	02/18/2000	mrh
4-Chlorotoluene	<5.0		ug/Kg	02/18/2000	mrh
Chloroform	<5.0		ug/Kg	02/18/2000	mrh
Chloromethane	<10.0		ug/Kg	02/18/2000	mrh
Dibromochloromethane	<5.0		ug/Kg	02/18/2000	mrh
Dibromomethane	<5.0		ug/Kg	02/18/2000	mrh
Dichlorodifluoromethane	<5.0		ug/Kg	02/18/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/Kg	02/18/2000	mrh
1,2-Dichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,3-Dichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,4-Dichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,1-Dichloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,2-Dichloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,1-Dichloroethene	<5.0		ug/Kg	02/18/2000	mrh
cis-1,2-Dichloroethene	77.8		ug/Kg	02/18/2000	mrh
trans-1,2-Dichloroethene	<5.0		ug/Kg	02/18/2000	mrh
1,2-Dichloropropane	<5.0		ug/Kg	02/18/2000	mrh
1,3-Dichloropropane	<5.0		ug/Kg	02/18/2000	mrh

TestAmerica
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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02319

SAMPLE NO.: 589869

Sample Description: SP11-SB26S
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS-8260 Non-Aq

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<5.0		ug/Kg	02/18/2000	mrh
1,1-Dichloropropene	<5.0		ug/Kg	02/18/2000	mrh
cis-1,3-Dichloropropene	<5.0		ug/Kg	02/18/2000	mrh
trans-1,3-Dichloropropene	<5.0		ug/Kg	02/18/2000	mrh
hylbenzene	<5.0		ug/Kg	02/18/2000	mrh
exachlorobutadiene	<5.0		ug/Kg	02/18/2000	mrh
n-Hexane	<10.0		ug/Kg	02/18/2000	mrh
2-Hexanone	<50.0		ug/Kg	02/18/2000	mrh
Isopropylbenzene (Cumene)	<5.0		ug/Kg	02/18/2000	mrh
p-Isopropyltoluene	<5.0		ug/Kg	02/18/2000	mrh
Bromomethane	<10.0		ug/Kg	02/18/2000	mrh
Methylene Chloride	<10.0		ug/Kg	02/18/2000	mrh
4-Methyl-2-pentanone (MIBK)	<50.0		ug/Kg	02/18/2000	mrh
n-Propylbenzene	<5.0		ug/Kg	02/18/2000	mrh
Styrene	<5.0		ug/Kg	02/18/2000	mrh
Naphthalene	<5.0		ug/Kg	02/18/2000	mrh
1,1,1,2-Tetrachloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,1,2,2-Tetrachloroethane	<5.0		ug/Kg	02/18/2000	mrh
Tetrachloroethene	<5.0		ug/Kg	02/18/2000	mrh
Toluene	<5.0		ug/Kg	02/18/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/Kg	02/18/2000	mrh
1,1,1-Trichloroethane	<5.0		ug/Kg	02/18/2000	mrh
1,1,2-Trichloroethane	<5.0		ug/Kg	02/18/2000	mrh
Trichloroethene	5.6		ug/Kg	02/18/2000	mrh
Trichlorofluoromethane	<5.0		ug/Kg	02/18/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/Kg	02/18/2000	mrh
1,2,4-Trimethylbenzene	<5.0		ug/Kg	02/18/2000	mrh
1,3,5-Trimethylbenzene	<5.0		ug/Kg	02/18/2000	mrh
Vinyl Acetate	<5.0		ug/Kg	02/18/2000	mrh
Vinyl Chloride	<2.0		ug/Kg	02/18/2000	mrh
Xylenes	<5.0		ug/Kg	02/18/2000	mrh
urrogate:Dibromofluorometh	110		%	02/18/2000	mrh
rrogate:Toluene-d8	94		%	02/18/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02319

SAMPLE NO.: 589869

Sample Description: SP11-SB26S
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS-8260 Non-Aq

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	89		%	02/18/2000	mrh

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QUALITY CONTROL FLAG DEFINITIONS

Job Number: 00.02319

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this anlaytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are < 1/4 of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

Chain of Cus Record

TESTAMERICA INC.

00.0239

Pag 1 of 1

☐ Asheville, NC (A) (828) 254-5169	☐ Bartlett, IL (C) (630) 289-3100	☐ Cedar Falls, IA (E) (319) 277-2401	☐ Charlotte, NC (G) (704) 392-1164	☒ Dayton, OH (I) (937) 294-6856	☐ Lumberton, NC (K) (910) 738-6190	☐ Nashville, TN (M) (615) 726-0177	☐ Pontiac, MI (O) (248) 332-1940	☐ Rockford, IL (Q) (815) 874-2171
☐ Atlanta, GA (B) (770) 368-0636	☐ Brighton, CO (D) (303) 659-0497	☐ Charleston, SC (F) (843) 849-6550	☐ Columbia, SC (H) (803) 796-8989	☐ Davenport, IA (J) (319) 323-7944	☐ Indianapolis, IN (L) (317) 842-4261	☐ Macon, GA (N) (912) 757-0811	☐ Orlando, FL (P) (407) 851-2560	☐ Watertown, WI (R) (920) 261-1660

Client: IT CORP
Project No.: 783900
Report Address: 11499 Chester Rd Cin. OH 45246
Invoice Address: IT Corp 11499 Chester Rd. Cin, OH
Attn: Chris Norman
Attn: Chris Norman
Phone No.: 513-782-4971
Sampled By: V Voisard
Fax No.: 513-782-4749
P.O. No: 137668
Quote No.
State Samples Collected OH

TURNAROUND TIME
☒ Standard
☐ Rush (surcharges may apply)
Date Needed:

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes___ No ✓

Is this work being conducted for regulatory enforcement action? Yes___ No ✓

Which regulations apply:
RCRA___ NPDES Wastewater___
UST___ Drinking Water___
Other ✓ None___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	VOC 8260	HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
SP11-SB20	2-16-00	0955	G	GW		X	3						
SP11-SB21		1050				X	3						
SP11-SB22		1125				X	3						
SP11-SB23		1330				X	3						
~~SP11-SB24~~		~~1410~~				~~X~~	~~3~~						
SP11-SB25		1645				X	3						
SP11-SB25D		1647		GW		X	3						
SP11-SB25S		1620		SS		X						1	20'-22'
Trip Blanks				GW		X	3						
SP11-SB26S	2-16-00	1735	G	SS		X						1	27'

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp | Rec Lab Temp

COMMENTS: MEK + Acetone - need 10ppb

WPAFB - PER Debbie S.

RT

Relinquished By: Vicki Voisard	Date 2/16/00 1745	Received By: [signature]	Date 2-16-00 1710	LAB USE ONLY:
Relinquished By:	Date Time	Received By: C. Keene	Date 2-16-00 Time 1710	
Relinquished By:	Date Time	Received By:	Date Time	Custody Seal: ☐ Yes ☐ No ☐ N/A
Relinquished By:	Date Time	Received By:	Date Time	Bottles Supplied by TA: ☐ Yes ☐ No

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

Job Number: 00.02318

Enclosed is the analytical report for the following sample(s) submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
589861	SP11-SB20-Grab	02/16/2000	02/16/2000
589862	SP11-SB21-Grab	02/16/2000	02/16/2000
589863	SP11-SB22-Grab	02/16/2000	02/16/2000
589864	SP11-SB23-Grab	02/16/2000	02/16/2000
589865	SP11-SB25-Grab	02/16/2000	02/16/2000
589866	SP11-SB25D-Grab	02/16/2000	02/16/2000
589867	Trip Blank	02/16/2000	02/16/2000

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Debbie Janning
Approved By

3601 S. Dixie Drive / Dayton, Ohio 45439 / 937-294-6856 / Fax: 937-294-7816 / 800-572-9839

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589861

Sample Description: SP11-SB20-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (AQ)	Complete			02/22/2000	mrh
Acetone	<10.0		ug/L	02/22/2000	mrh
Benzene	<1.0		ug/L	02/22/2000	mrh
t-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
n-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
Bromochloromethane	<1.0		ug/L	02/22/2000	mrh
Bromodichloromethane	<1.0		ug/L	02/22/2000	mrh
Bromoform	<1.0		ug/L	02/22/2000	mrh
Bromobenzene	<1.0		ug/L	02/22/2000	mrh
2-Butanone (MEK)	<10.0		ug/L	02/22/2000	mrh
Carbon disulfide	<1.0		ug/L	02/22/2000	mrh
Carbon tetrachloride	<1.0		ug/L	02/22/2000	mrh
Chlorobenzene	<1.0		ug/L	02/22/2000	mrh
Chloroethane	<5.0		ug/L	02/22/2000	mrh
2-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
4-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
Chloroform	<1.0		ug/L	02/22/2000	mrh
Chloromethane	<5.0		ug/L	02/22/2000	mrh
Dibromochloromethane	<1.0		ug/L	02/22/2000	mrh
Dibromomethane	<1.0		ug/L	02/22/2000	mrh
Dichlorodifluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/L	02/22/2000	mrh
1,2-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,3-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,4-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethene	<1.0		ug/L	02/22/2000	mrh
cis-1,2-Dichloroethene	79.9		ug/L	02/22/2000	mrh
trans-1,2-Dichloroethene	<1.0		ug/L	02/22/2000	mrh
-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
-Dichloropropane	<1.0		ug/L	02/22/2000	mrh

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589861

Sample Description: SP11-SB20-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
cis-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
~ans-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
hylbenzene	<1.0		ug/L	02/22/2000	mrh
Hexachlorobutadiene	<5.0		ug/L	02/22/2000	mrh
n-Hexane	<5.0		ug/L	02/22/2000	mrh
2-Hexanone	<12.5		ug/L	02/22/2000	mrh
Isopropylbenzene (Cumene)	<1.0		ug/L	02/22/2000	mrh
p-Isopropyltoluene	<1.0		ug/L	02/22/2000	mrh
Bromomethane	<5.0		ug/L	02/22/2000	mrh
Methylene Chloride	<5.0		ug/L	02/22/2000	mrh
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	02/22/2000	mrh
n-Propylbenzene	<1.0		ug/L	02/22/2000	mrh
Styrene	<1.0		ug/L	02/22/2000	mrh
Naphthalene	<5.0		ug/L	02/22/2000	mrh
1,1,1,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
Tetrachloroethene	2.0		ug/L	02/22/2000	mrh
Toluene	2.2		ug/L	02/22/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/L	02/22/2000	mrh
1,1,1-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
Trichloroethene	75.8		ug/L	02/22/2000	mrh
Trichlorofluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/L	02/22/2000	mrh
1,2,4-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
1,3,5-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
Vinyl Acetate	<5.0		ug/L	02/22/2000	mrh
Vinyl Chloride	1.3		ug/L	02/22/2000	mrh
Xylenes	1.4		ug/L	02/22/2000	mrh
~rrogate:Dibromofluorometh	108		%	02/22/2000	mrh
rrogate:Toluene-d8	90		%	02/22/2000	mrh

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589861

Sample Description: SP11-SB20-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	98	note	%	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589862

Sample Description: SP11-SB21-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (AQ)	Complete			02/22/2000	mrh
Acetone	<10.0		ug/L	02/22/2000	mrh
Benzene	<1.0		ug/L	02/22/2000	mrh
tert-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
c-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
n-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
Bromochloromethane	<1.0		ug/L	02/22/2000	mrh
Bromodichloromethane	<1.0		ug/L	02/22/2000	mrh
Bromoform	<1.0		ug/L	02/22/2000	mrh
Bromobenzene	<1.0		ug/L	02/22/2000	mrh
2-Butanone (MEK)	<10.0		ug/L	02/22/2000	mrh
Carbon disulfide	<1.0		ug/L	02/22/2000	mrh
Carbon tetrachloride	<1.0		ug/L	02/22/2000	mrh
Chlorobenzene	<1.0		ug/L	02/22/2000	mrh
Chloroethane	<5.0		ug/L	02/22/2000	mrh
2-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
4-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
Chloroform	<1.0		ug/L	02/22/2000	mrh
Chloromethane	<5.0		ug/L	02/22/2000	mrh
Dibromochloromethane	<1.0		ug/L	02/22/2000	mrh
Dibromomethane	<1.0		ug/L	02/22/2000	mrh
Dichlorodifluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/L	02/22/2000	mrh
1,2-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,3-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,4-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethene	<1.0		ug/L	02/22/2000	mrh
cis-1,2-Dichloroethene	27.4		ug/L	02/22/2000	mrh
trans-1,2-Dichloroethene	5.2		ug/L	02/22/2000	mrh
1,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
3-Dichloropropane	<1.0		ug/L	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589862

Sample Description: SP11-SB21-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
cis-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
trans-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
Ethylbenzene	<1.0		ug/L	02/22/2000	mrh
Hexachlorobutadiene	<5.0		ug/L	02/22/2000	mrh
n-Hexane	<5.0		ug/L	02/22/2000	mrh
2-Hexanone	<12.5		ug/L	02/22/2000	mrh
Isopropylbenzene (Cumene)	<1.0		ug/L	02/22/2000	mrh
p-Isopropyltoluene	<1.0		ug/L	02/22/2000	mrh
Bromomethane	<5.0		ug/L	02/22/2000	mrh
Methylene Chloride	<5.0		ug/L	02/22/2000	mrh
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	02/22/2000	mrh
n-Propylbenzene	<1.0		ug/L	02/22/2000	mrh
Styrene	<1.0		ug/L	02/22/2000	mrh
Naphthalene	<5.0		ug/L	02/22/2000	mrh
1,1,1,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
Tetrachloroethene	<1.0		ug/L	02/22/2000	mrh
Toluene	<1.0		ug/L	02/22/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/L	02/22/2000	mrh
1,1,1-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
Trichloroethene	10.6		ug/L	02/22/2000	mrh
Trichlorofluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/L	02/22/2000	mrh
1,2,4-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
1,3,5-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
Vinyl Acetate	<5.0		ug/L	02/22/2000	mrh
Vinyl Chloride	29.2		ug/L	02/22/2000	mrh
Xylenes	<1.0		ug/L	02/22/2000	mrh
Surrogate:Dibromofluorometh	111		%	02/22/2000	mrh
Surrogate:Toluene-d8	91		%	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589862

Sample Description: SP11-SB21-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	98	note	%	02/22/2000	mrh

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INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589863

Sample Description: SP11-SB22-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (AQ)	Complete			02/22/2000	mrh
Acetone	<10.0		ug/L	02/22/2000	mrh
Benzene	<1.0		ug/L	02/22/2000	mrh
tert-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
sec-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
n-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
Bromochloromethane	<1.0		ug/L	02/22/2000	mrh
Bromodichloromethane	<1.0		ug/L	02/22/2000	mrh
Bromoform	<1.0		ug/L	02/22/2000	mrh
Bromobenzene	<1.0		ug/L	02/22/2000	mrh
2-Butanone (MEK)	<10.0		ug/L	02/22/2000	mrh
Carbon disulfide	<1.0		ug/L	02/22/2000	mrh
Carbon tetrachloride	<1.0		ug/L	02/22/2000	mrh
Chlorobenzene	<1.0		ug/L	02/22/2000	mrh
Chloroethane	<5.0		ug/L	02/22/2000	mrh
2-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
4-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
Chloroform	<1.0		ug/L	02/22/2000	mrh
Chloromethane	<5.0		ug/L	02/22/2000	mrh
Dibromochloromethane	<1.0		ug/L	02/22/2000	mrh
Dibromomethane	<1.0		ug/L	02/22/2000	mrh
Dichlorodifluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/L	02/22/2000	mrh
1,2-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,3-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,4-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethene	<1.0		ug/L	02/22/2000	mrh
cis-1,2-Dichloroethene	33.3		ug/L	02/22/2000	mrh
trans-1,2-Dichloroethene	6.2		ug/L	02/22/2000	mrh
1,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,3-Dichloropropane	<1.0		ug/L	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589863

Sample Description: SP11-SB22-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
cis-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
trans-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
hylbenzene	<1.0		ug/L	02/22/2000	mrh
hexachlorobutadiene	<5.0		ug/L	02/22/2000	mrh
n-Hexane	<5.0		ug/L	02/22/2000	mrh
2-Hexanone	<12.5		ug/L	02/22/2000	mrh
Isopropylbenzene (Cumene)	<1.0		ug/L	02/22/2000	mrh
p-Isopropyltoluene	<1.0		ug/L	02/22/2000	mrh
Bromomethane	<5.0		ug/L	02/22/2000	mrh
Methylene Chloride	<5.0		ug/L	02/22/2000	mrh
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	02/22/2000	mrh
n-Propylbenzene	<1.0		ug/L	02/22/2000	mrh
Styrene	<1.0		ug/L	02/22/2000	mrh
Naphthalene	<5.0		ug/L	02/22/2000	mrh
1,1,1,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
Tetrachloroethene	<1.0		ug/L	02/22/2000	mrh
Toluene	1.1		ug/L	02/22/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/L	02/22/2000	mrh
1,1,1-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
Trichloroethene	7.5		ug/L	02/22/2000	mrh
Trichlorofluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/L	02/22/2000	mrh
1,2,4-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
1,3,5-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
Vinyl Acetate	<5.0		ug/L	02/22/2000	mrh
Vinyl Chloride	9.5		ug/L	02/22/2000	mrh
Xylenes	<1.0		ug/L	02/22/2000	mrh
urrogate:Dibromofluorometh	110		%	02/22/2000	mrh
rrogate:Toluene-d8	90		%	02/22/2000	mrh

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PORATION
Chester Road
nati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589863

Description: SP11-SB22-Grab
Project ID: 783900 WPAFB

aken: 02/16/2000

Date Received: 02/16/2000

/2000

VOLATILE COMPOUNDS - 8260 (AQ)

	Result	Flag	Unit	Date Anal.	Analyst
romofluorobenzen	99 note		%	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589864

Sample Description: SP11-SB23-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
cis-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
trans-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
ylbenzene	<1.0		ug/L	02/22/2000	mrh
hexachlorobutadiene	<5.0		ug/L	02/22/2000	mrh
n-Hexane	<5.0		ug/L	02/22/2000	mrh
2-Hexanone	<12.5		ug/L	02/22/2000	mrh
Isopropylbenzene (Cumene)	<1.0		ug/L	02/22/2000	mrh
p-Isopropyltoluene	<1.0		ug/L	02/22/2000	mrh
Bromomethane	<5.0		ug/L	02/22/2000	mrh
Methylene Chloride	<5.0		ug/L	02/22/2000	mrh
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	02/22/2000	mrh
n-Propylbenzene	<1.0		ug/L	02/22/2000	mrh
Styrene	<1.0		ug/L	02/22/2000	mrh
Naphthalene	<5.0		ug/L	02/22/2000	mrh
1,1,1,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
Tetrachloroethene	<1.0		ug/L	02/22/2000	mrh
Toluene	1.3		ug/L	02/22/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/L	02/22/2000	mrh
1,1,1-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
Trichloroethene	73.1		ug/L	02/22/2000	mrh
Trichlorofluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/L	02/22/2000	mrh
1,2,4-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
1,3,5-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
Vinyl Acetate	<5.0		ug/L	02/22/2000	mrh
Vinyl Chloride	17.1		ug/L	02/22/2000	mrh
Xylenes	<1.0		ug/L	02/22/2000	mrh
rrogate:Dibromofluorometh	110		%	02/22/2000	mrh
rogate:Toluene-d8	90		%	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
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11499 Chester Road
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02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589864

Sample Description: SP11-SB23-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	98	note	%	02/22/2000	mrh

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Chris Norman
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02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589865

Sample Description: SP11-SB25-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (AQ)	Complete			02/22/2000	mrh
Acetone	<10.0		ug/L	02/22/2000	mrh
Benzene	1.4		ug/L	02/22/2000	mrh
ert-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
c-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
n-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
Bromochloromethane	<1.0		ug/L	02/22/2000	mrh
Bromodichloromethane	<1.0		ug/L	02/22/2000	mrh
Bromoform	<1.0		ug/L	02/22/2000	mrh
Bromobenzene	<1.0		ug/L	02/22/2000	mrh
2-Butanone (MEK)	<10.0		ug/L	02/22/2000	mrh
Carbon disulfide	<1.0		ug/L	02/22/2000	mrh
Carbon tetrachloride	<1.0		ug/L	02/22/2000	mrh
Chlorobenzene	<1.0		ug/L	02/22/2000	mrh
Chloroethane	<5.0		ug/L	02/22/2000	mrh
2-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
4-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
Chloroform	<1.0		ug/L	02/22/2000	mrh
Chloromethane	<5.0		ug/L	02/22/2000	mrh
Dibromochloromethane	<1.0		ug/L	02/22/2000	mrh
Dibromomethane	<1.0		ug/L	02/22/2000	mrh
Dichlorodifluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/L	02/22/2000	mrh
1,2-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,3-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,4-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethene	4.2		ug/L	02/22/2000	mrh
cis-1,2-Dichloroethene	542		ug/L	02/23/2000	mrh
trans-1,2-Dichloroethene	3.6		ug/L	02/22/2000	mrh
2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
3-Dichloropropane	<1.0		ug/L	02/22/2000	mrh

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02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589865

Sample Description: SP11-SB25-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
cis-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
trans-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
Ethylbenzene	<1.0		ug/L	02/22/2000	mrh
Hexachlorobutadiene	<5.0		ug/L	02/22/2000	mrh
n-Hexane	<5.0		ug/L	02/22/2000	mrh
2-Hexanone	<12.5		ug/L	02/22/2000	mrh
Isopropylbenzene (Cumene)	<1.0		ug/L	02/22/2000	mrh
p-Isopropyltoluene	<1.0		ug/L	02/22/2000	mrh
Bromomethane	<5.0		ug/L	02/22/2000	mrh
Methylene Chloride	<5.0		ug/L	02/22/2000	mrh
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	02/22/2000	mrh
n-Propylbenzene	<1.0		ug/L	02/22/2000	mrh
Styrene	<1.0		ug/L	02/22/2000	mrh
Naphthalene	<5.0		ug/L	02/22/2000	mrh
1,1,1,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
Tetrachloroethene	<1.0		ug/L	02/22/2000	mrh
Toluene	<1.0		ug/L	02/22/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/L	02/22/2000	mrh
1,1,1-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
Trichloroethene	382		ug/L	02/23/2000	mrh
Trichlorofluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/L	02/22/2000	mrh
1,2,4-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
1,3,5-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
Vinyl Acetate	<5.0		ug/L	02/22/2000	mrh
Vinyl Chloride	132		ug/L	02/22/2000	mrh
Xylenes	<1.0		ug/L	02/22/2000	mrh
Surrogate:Dibromofluorometh	111		%	02/22/2000	mrh
Surrogate:Toluene-d8	89		%	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
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11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589865

Sample Description: SP11-SB25-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	99	note	%	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589866

Sample Description: SP11-SB25D-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (AQ)	Complete			02/22/2000	mrh
Acetone	12.0		ug/L	02/22/2000	mrh
Benzene	2.8		ug/L	02/22/2000	mrh
tert-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
sec-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
n-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
Bromochloromethane	<1.0		ug/L	02/22/2000	mrh
Bromodichloromethane	<1.0		ug/L	02/22/2000	mrh
Bromoform	<1.0		ug/L	02/22/2000	mrh
Bromobenzene	<1.0		ug/L	02/22/2000	mrh
2-Butanone (MEK)	<10.0		ug/L	02/22/2000	mrh
Carbon disulfide	<1.0		ug/L	02/22/2000	mrh
Carbon tetrachloride	<1.0		ug/L	02/22/2000	mrh
Chlorobenzene	<1.0		ug/L	02/22/2000	mrh
Chloroethane	<5.0		ug/L	02/22/2000	mrh
2-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
4-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
Chloroform	<1.0		ug/L	02/22/2000	mrh
Chloromethane	<5.0		ug/L	02/22/2000	mrh
Dibromochloromethane	<1.0		ug/L	02/22/2000	mrh
Dibromomethane	<1.0		ug/L	02/22/2000	mrh
Dichlorodifluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/L	02/22/2000	mrh
1,2-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,3-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,4-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethene	8.8		ug/L	02/22/2000	mrh
cis-1,2-Dichloroethene	481		ug/L	02/23/2000	mrh
trans-1,2-Dichloroethene	6.8		ug/L	02/22/2000	mrh
1,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,3-Dichloropropane	<1.0		ug/L	02/22/2000	mrh

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Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589866

Sample Description: SP11-SB25D-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
cis-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
trans-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
hylbenzene	<1.0		ug/L	02/22/2000	mrh
exachlorobutadiene	<5.0		ug/L	02/22/2000	mrh
n-Hexane	<5.0		ug/L	02/22/2000	mrh
2-Hexanone	<12.5		ug/L	02/22/2000	mrh
Isopropylbenzene (Cumene)	<1.0		ug/L	02/22/2000	mrh
p-Isopropyltoluene	<1.0		ug/L	02/22/2000	mrh
Bromomethane	<5.0		ug/L	02/22/2000	mrh
Methylene Chloride	<5.0		ug/L	02/22/2000	mrh
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	02/22/2000	mrh
n-Propylbenzene	<1.0		ug/L	02/22/2000	mrh
Styrene	<1.0		ug/L	02/22/2000	mrh
Naphthalene	<5.0		ug/L	02/22/2000	mrh
1,1,1,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
Tetrachloroethene	<1.0		ug/L	02/22/2000	mrh
Toluene	1.3		ug/L	02/22/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/L	02/22/2000	mrh
1,1,1-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
Trichloroethene	326		ug/L	02/23/2000	mrh
Trichlorofluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/L	02/22/2000	mrh
1,2,4-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
1,3,5-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
Vinyl Acetate	<5.0		ug/L	02/22/2000	mrh
Vinyl Chloride	137		ug/L	02/23/2000	mrh
Xylenes	<1.0		ug/L	02/22/2000	mrh
urrogate:Dibromofluorometh	111		%	02/22/2000	mrh
rrogate:Toluene-d8	88		%	02/22/2000	mrh

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ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589866

Sample Description: SP11-SB25D-Grab
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	95	note	%	02/22/2000	mrh

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589867

Sample Description: Trip Blank
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
8260 - SW846 (AQ)	Complete			02/22/2000	mrh
Acetone	<10.0		ug/L	02/22/2000	mrh
Benzene	<1.0		ug/L	02/22/2000	mrh
tert-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
sec-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
n-Butylbenzene	<1.0		ug/L	02/22/2000	mrh
Bromochloromethane	<1.0		ug/L	02/22/2000	mrh
Bromodichloromethane	<1.0		ug/L	02/22/2000	mrh
Bromoform	<1.0		ug/L	02/22/2000	mrh
Bromobenzene	<1.0		ug/L	02/22/2000	mrh
2-Butanone (MEK)	<10.0		ug/L	02/22/2000	mrh
Carbon disulfide	<1.0		ug/L	02/22/2000	mrh
Carbon tetrachloride	<1.0		ug/L	02/22/2000	mrh
Chlorobenzene	<1.0		ug/L	02/22/2000	mrh
Chloroethane	<5.0		ug/L	02/22/2000	mrh
2-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
4-Chlorotoluene	<1.0		ug/L	02/22/2000	mrh
Chloroform	<1.0		ug/L	02/22/2000	mrh
Chloromethane	<5.0		ug/L	02/22/2000	mrh
Dibromochloromethane	<1.0		ug/L	02/22/2000	mrh
Dibromomethane	<1.0		ug/L	02/22/2000	mrh
Dichlorodifluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dibromo-3-chloropropane	<5.0		ug/L	02/22/2000	mrh
1,2-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,3-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,4-Dichlorobenzene	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,2-Dichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloroethene	<1.0		ug/L	02/22/2000	mrh
cis-1,2-Dichloroethene	<1.0		ug/L	02/22/2000	mrh
trans-1,2-Dichloroethene	<1.0		ug/L	02/22/2000	mrh
1,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
3-Dichloropropane	<1.0		ug/L	02/22/2000	mrh

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589867

Sample Description: Trip Blank
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
2,2-Dichloropropane	<1.0		ug/L	02/22/2000	mrh
1,1-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
cis-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
trans-1,3-Dichloropropene	<1.0		ug/L	02/22/2000	mrh
Ethylbenzene	<1.0		ug/L	02/22/2000	mrh
Hexachlorobutadiene	<5.0		ug/L	02/22/2000	mrh
n-Hexane	<5.0		ug/L	02/22/2000	mrh
2-Hexanone	<12.5		ug/L	02/22/2000	mrh
Isopropylbenzene (Cumene)	<1.0		ug/L	02/22/2000	mrh
p-Isopropyltoluene	<1.0		ug/L	02/22/2000	mrh
Bromomethane	<5.0		ug/L	02/22/2000	mrh
Methylene Chloride	<5.0		ug/L	02/22/2000	mrh
4-Methyl-2-pentanone (MIBK)	<12.5		ug/L	02/22/2000	mrh
n-Propylbenzene	<1.0		ug/L	02/22/2000	mrh
Styrene	<1.0		ug/L	02/22/2000	mrh
Naphthalene	<5.0		ug/L	02/22/2000	mrh
1,1,1,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2,2-Tetrachloroethane	<1.0		ug/L	02/22/2000	mrh
Tetrachloroethene	<1.0		ug/L	02/22/2000	mrh
Toluene	<1.0		ug/L	02/22/2000	mrh
1,2,4-Trichlorobenzene	<5.0		ug/L	02/22/2000	mrh
1,1,1-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
1,1,2-Trichloroethane	<1.0		ug/L	02/22/2000	mrh
Trichloroethene	<1.0		ug/L	02/22/2000	mrh
Trichlorofluoromethane	<1.0		ug/L	02/22/2000	mrh
1,2,3-Trichloropropane	<5.0		ug/L	02/22/2000	mrh
1,2,4-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
1,3,5-Trimethylbenzene	<1.0		ug/L	02/22/2000	mrh
Vinyl Acetate	<5.0		ug/L	02/22/2000	mrh
Vinyl Chloride	<1.0		ug/L	02/22/2000	mrh
Xylenes	<1.0		ug/L	02/22/2000	mrh
Surrogate:Dibromofluorometh	109		%	02/22/2000	mrh
Surrogate:Toluene-d8	91		%	02/22/2000	mrh

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/23/2000

JOB NUMBER: 00.02318

SAMPLE NO.: 589867

Sample Description: Trip Blank
Client Project ID: 783900 WPAFB

Date Taken: 02/16/2000

Date Received: 02/16/2000

VOLATILE COMPOUNDS - 8260 (AQ)

Parameter	Result	Flag	Unit	Date Anal.	Analyst
Surrogate:Bromofluorobenzen	99	note	%	02/22/2000	mrh

TestAmerica
INCORPORATED

QUALITY CONTROL FLAG DEFINITIONS

Job Number: 00.02318

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this anlaytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are < 1/4 of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

TestAmerica
INCORPORATED

NOTES AND COMMENTS

TestAmerica Job Number: 00.02318

Sample Number: 589861-589867

Analysis: 8260 Volatiles

Due to an autosampler programming error no internal standard was added to the matrix spike and matrix spike duplicate.

3601 S. Dixie Drive / Dayton, Ohio 45439 / 937-294-6856 / Fax: 937-294-7816 / 800-572-9839

Chain of Custody Record

TESTAMERICA INC.

00.02319

☐ Asheville, NC (A) (828) 254-5169 ☐ Bartlett, IL (C) (630) 289-3100 ☐ Cedar Falls, IA (E) (319) 277-2401 ☐ Charlotte, NC (G) (704) 392-1164 ☒ Dayton, OH (I) (937) 294-6856 ☐ Lumberton, NC (K) (910) 738-6190 ☐ Nashville, TN (M) (615) 726-0177 ☐ Pontiac, MI (O) (248) 332-1940 ☐ Rockford, Il (Q) (815) 874-2171
☐ Atlanta, GA (B) (770) 368-0636 ☐ Brighton, CO (D) (303) 659-0497 ☐ Charleston, SC (F) (843) 849-6550 ☐ Columbia, SC (H) (803) 796-8989 ☐ Davenport, IA (J) (319) 323-7944 ☐ Indianapolis, IN (L) (317) 842-4261 ☐ Macon, GA (N) (912) 757-0811 ☐ Orlando, FL (P) (407) 851-2560 ☐ Watertown, WI (R) (920) 261-1660

Client: IT CORP
Project No.: 783900
Report Address: 11499 Chester Rd Cin. OH 45246
Invoice Address: IT Corp 11499 Chester Rd. Cin, OH
Attn: Chris Norman
Attn: Chris Norman
Phone No.: 513-782-4971
Sampled By: V Voisard
Fax No.: 513-782-4749
P.O. No: 137668
Quote No.
State Samples Collected OH

TURNAROUND TIME
☒ Standard
☐ Rush (surcharges may apply) Date Needed:

REQUESTED PARAMETERS: VOC 8260

Is this work being conducted for regulatory compliance monitoring? Yes___ No ✓

Is this work being conducted for regulatory enforcement action? Yes___ No ✓

Which regulations apply:
RCRA___ NPDES Wastewater___
UST___ Drinking Water___
Other ✓ None___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	VOC 8260	# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
SP11-SB20	2-16-00	0955	G	GW		X	3						
SP11-SB21		1050				X	3						
SP11-SB22		1125				X	3						
SP11-SB23		1330				X	3						
~~SP11-SB24~~		~~1410~~	~~G~~	~~GW~~		~~X~~	~~3~~						
SP11-SB25		1645				X	3						
SP11-SB25D		1647		GW		X	3						
SP11-SB25S		1620		SS		X						1	20'-22'
Trip Blanks				GW		X	3						
SP11-SB26S	2-16-00	1735	G	SS		X						1	27'

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp | Rec Lab Temp

COMMENTS: MEK + Acetone - need 10ppb

WPAFB - PER Debbie S.

RT

Relinquished By:	Date 2/16/00	Time 1745	Received By:	Date 2-16-00	Time 17:45
Relinquished By:	Date	Time	Received By: C. Kerns	Date 2-16-00	Time 1710
Relinquished By:	Date	Time	Received By:	Date	Time

LAB USE ONLY:

Custody Seal: ☐ Yes ☐ No ☐ N/A

Bottles Supplied by TA: ☐ Yes ☐ No

INTERNATIONAL TECHNOLOGY CORPORATION

312 Directors Drive
Knoxville, Tennessee 37923-4799
423-690-3211
Fax: 423-690-3626

STATEMENT OF ANALYSIS

Client: IT Corporation

Date: November 17, 1999

Address: 11499 Chester Road
Cincinnati, Ohio 45246
Attn: Chris Norman

Job Number: 781791

This is the Statement of Analysis for the following samples:

Client Project ID:	Wright Patterson AFB
Date Received by Lab:	October 23, 1999
Number of Samples:	Sixty-three (63)
Sample Type:	Groundwater

I. Introduction

On October 23, 1999, sixty-three (63) water samples arrived at the IT Corporation's (IT) Technology Applications Laboratory (TAL) in Knoxville, TN from the Wright Patterson AFB Site, via the IT Cincinnati office. The list of analytical tests performed, as well as the date of receipt and analysis, can be found in the attached report.

II. Analytical Results/Methodology

The analytical results for this report are presented by analytical test. Each set of data will include sample identification information and analytical results. Please note that the data are not blank corrected.

The samples were analyzed for dissolved hydrogen, based on IT Standard Operating Procedure "Dissolved Hydrogen Sampling and Analysis" September 1999.

Reviewed and Approved

Julia L. Klens
Project Manager
Biotechnology Applications Group

writcert1.doc/1199/jlk

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III. Quality Control (QC)

Routine laboratory QC level I was followed.

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Hydrogen Analysis
Analytical Results
Wright Patterson Air Force Base
IT Project No.: 781791
Page 1 of 2

Sample ID.	Lab ID.	Analysis Date	Hydrogen (mg/L)
WP-SP11-MW03-GW31	TLD 0428	10/24/99	232000
WP-SP11-MW03-GW32	TLD 0429	10/24/99	27800
WP-SP11-MW03-GW33	TLD 0430	10/24/99	27400
WP-SP11-MW03-GW34	TLD 0431	10/24/99	16500
WP-SP11-MW03-GW35	TLD 0432	10/24/99	7170
WP-SP11-MW03-GW36	TLD 0433	10/24/99	3400
WP-SP11-MW03-GW37	TLD 0434	10/24/99	3910
WP-SP11-MW03-GW38	TLD 0435	10/24/99	4210
WP-SP11-MW03-GW39	TLD 0436	10/24/99	2890
WP-SP11-MW03-GW40	TLD 0437	10/24/99	4630
WP-SP11-MW03-GW41	TLD 0438	10/24/99	5630
WP-SP11-MW03-GW42	TLD 0439	10/24/99	6680
WP-SP11-MW03-GW43	TLD 0440	10/24/99	4030
WP-SP11-MW03-GW44	TLD 0441	10/24/99	4510
WP-SP11-MW03-GW45	TLD 0442	10/24/99	7180
WP-SP11-MW03-GW46	TLD 0443	10/24/99	5600
WP-SP11-MW03-GW47	TLD 0444	10/24/99	5500
WP-SP11-MW03-GW48	TLD 0445	10/24/99	4530
WP-SP11-MW03-GW41	TLD 0438 D	10/24/99	5560
WP-SP11-MW03-GW49	TLD 0446	10/24/99	3610
WP-SP11-MW03-GW50	TLD 0447	10/24/99	3970
WP-SP11-MW03-GW51	TLD 0448	10/24/99	5810
WP-SP11-MW03-GW52	TLD 0449	10/24/99	3900
WP-SP11-MW03-GW53	TLD 0450	10/24/99	4720
WP-SP11-MW03-GW54	TLD 0451	10/24/99	2850
WP-SP11-MW03-GW55	TLD 0452	10/24/99	7600
WP-SP11-MW03-GW56	TLD 0453	10/24/99	2510
WP-SP11-MW03-GW57	TLD 0454	10/24/99	4330
WP-SP11-MW03-GW58	TLD 0455	10/24/99	2700
WP-SP11-MW03-GW59	TLD 0456	10/24/99	2760
WP-SP11-MW03-GW60	TLD 0457	10/24/99	1760
WP-SP11-MW03-GW61	TLD 0458	10/24/99	1300
WP-SP11-MW03-GW62	TLD 0459	10/24/99	1450
WP-SP11-MW03-GW63	TLD 0460	10/24/99	1570
WP-SP11-MW03-GW64	TLD 0461	10/24/99	1960
WP-SP11-MW03-GW65	TLD 0462	10/24/99	901
WP-SP11-MW03-GW66	TLD 0463	10/24/99	1300

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Hydrogen Analysis
Analytical Results
Wright Patterson Air Force Base
IT Project No.: 781791
Page 2 of 2

Sample ID.	Lab ID.	Analysis Date	Hydrogen (mg/L)
WP-SP11-MW03-GW67	TLD 0464 D	10/24/99	2130
WP-SP11-MW03-GW67	TLD 0464	10/24/99	2060
WP-SP11-MW03-GW68	TLD 0465	10/24/99	1950
WP-SP11-MW03-GW69	TLD 0466	10/24/99	1800
WP-SP11-MW03-GW70	TLD 0467	10/25/99	2310
WP-SP11-MW03-GW71	TLD 0468	10/25/99	2170
WP-SP11-MW03-GW72	TLD 0469	10/25/99	1800
WP-SP11-MW03-GW73	TLD 0470	10/25/99	2260
WP-SP11-MW03-GW74	TLD 0471	10/25/99	1580
WP-SP11-MW03-GW75	TLD 0472	10/25/99	1510
WP-SP11-MW03-GW76	TLD 0473	10/25/99	1530
WP-SP11-MW03-GW77	TLD 0474	10/25/99	1480
WP-SP11-MW03-GW78	TLD 0475	10/25/99	920
WP-SP11-MW03-GW79	TLD 0476	10/25/99	944
WP-SP11-MW03-GW80	TLD 0477	10/25/99	1050
WP-SP11-MW03-GW81	TLD 0478	10/25/99	1350
WP-SP11-MW03-GW82	TLD 0479	10/25/99	2080
WP-SP11-MW03-GW81	TLD 0478 D	10/25/99	1230
WP-SP11-MW03-GW82	TLD 0479 D	10/25/99	2010
WP-SP11-MW03-GW83	TLD 0480	10/25/99	1520
WP-SP11-MW03-GW84	TLD 0481	10/25/99	463
WP-SP11-MW03-GW85	TLD 0482	10/25/99	1050
WP-SP11-MW03-GW86	TLD 0483	10/25/99	407
WP-SP11-MW03-GW87	TLD 0484	10/25/99	460
WP-SP11-MW03-GW88	TLD 0485	10/25/99	1020
WP-SP11-MW03-GW89	TLD 0486	10/25/99	529
WP-SP11-MW03-GW90	TLD 0487	10/25/99	1180
WP-SP11-MW03-GW91	TLD 0488	10/25/99	1190
WP-SP11-MW03-GW92	TLD 0489	10/25/99	40.3
WP-SP11-MW03-GW93	TLD 0490	10/25/99	844
WP-SP11-MW03-GW92	TLD 0489 D	10/25/99	59.7

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IN NATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 52132
Page 1 of 1 of 6

Project Name/No. 1 WPAFB
Sample Team Members 2 VV, JP
Profit Center No. 3
Project Manager 4 B. Scouille
Purchase Order No. 6
Required Report Date 11

Samples Shipment Date 7 10-22-99
Lab Destination 8 Knoxville, ~~KY~~ TN
Lab Contact 9
Project Contact/Phone 12 513-782-4971
Carrier/Waybill No. 13 808028407181

Bill to: 5 IT Corp
11499 Chester Rd
Cincinnati, OH 45246

Report to: 10 Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Pre-servative 19	Requested Testing Program 20	Condition on Receipt 21	Disposal Record No. 22
	Groundwater	~~10-21-99~~	Glass	40mL	—		4°C	TDL
WP-SP11-MW03-GW31		10-21-99 0815					FOR LAB USE ONLY	TDL 0428
WP-SP11-MW03-GW32		10-22-99 0845						TDL 0429
GW33		0851						TDL 0430
GW34		0858						TDL 0431
GW35		0906					FOR LAB USE ONLY	TDL 0432
GW36		0911						TDL 0433
GW37		0917						TDL 0434

Special Instructions: 23 Chris Norman 513-782-4971

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: 25
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: 26
Normal ☒ Rush ☐

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by 28 (Signature/Affiliation) [signature]	Date: 10-22-99 Time: 1700	1. Received by 28 (Signature/Affiliation) [signature]	Date: 10-23-99 Time: 1300
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: 29

White: To accompany samples
Yellow: Field copy
*See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552133
Page 2 of 6

Project Name/No. [1] WPAFB
Sample Team Members [2] VV, JP
Profit Center No. [3]
Project Manager [4] B. Scoville
Purchase Order No. [6]
Required Report Date [11]

Samples Shipment Date [7] 10-22-99
Lab Destination [8] Knoxville, TN
Lab Contact [9]
Project Contact/Phone [12] Chris Norman
Carrier/Waybill No. [13] 8080284071 81

Bill to: [5] IT Corp

Report to: [10] Chris Norman
1499 Chester Rd
Cincinnati, OH 45246

White: To accompany samples
Yellow: Field copy

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
WP-SPIT-MW03 GW 38	Groundwater	0923	Glass	40mL	—		4°C	TDL 0435
GW 39		0929					FOR LAB USE ONLY	TDL 0436
GW 40		0935						TDL 0437
GW 41		0941						TDL 0438
GW 42		0947					FOR LAB USE ONLY	TDL 0439
GW 43		0953						TDL 0440
GW 44		0959						TDL 0441
GW 45		1003					✓	TDL 0442

Special Instructions: [23] Chris Norman 513-782-4971

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by [28] (Signature/Affiliation) [signature]	Date: 10-22-99 Time: 1700	1. Received by [28] (Signature/Affiliation) [signature]	Date: 10-23-99 Time: 1300
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

*See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552134
Page 3 of 6

Project Name/No. 1 WPAFB
Sample Team Members 2 VV, JF
Profit Center No. 3
Project Manager 4 Bill Scoville
Purchase Order No. 6
Required Report Date 11

Samples Shipment Date 7 10-22-99
Lab Destination 8 Knoxville, TN
Lab Contact 9
Project Contact/Phone 12 Chris Norman
Carrier/Waybill No. 13 808028407181

Bill to: 5 IT CORP

Report to: 10 Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Preservative 19	Requested Testing Program 20	Condition on Receipt 21	Disposal Record No. 22
WP-SP11-MW03-GW46	Groundwater	10-22-99 1009 ~~1015~~	Glass	40mL	NONE		4° C	TDL 0443
GW 47		1015 ~~1027~~						0444
GW 48		1021						TDL 0445
GW 49		1027						TDL 0446
GW 50		1033						TDL 0447
GW 51		1039						TDL 0448
GW 52		1045						TDL 0449
GW 53		1051						TDL 0450

FOR LAB USE ONLY

FOR LAB USE ONLY

Special Instructions: 23 Chris Norman 513-782-4971

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: 25
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: 26
Normal ☒ Rush ☐

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by 28 (Signature/Affiliation) [signature]	Date: 10-22-99 Time: 1700	1. Received by 28 (Signature/Affiliation) [signature]	Date: 10-23-99 Time: 1300
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: 29

White: To accompany samples
Yellow: Field copy
*See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 33156
Page ~~1 of~~ 1 of 6

Project Name/No. [1] WPAFB
Sample Team Members [2] VV, JP
Profit Center No. [3]
Project Manager [4] B Scoville
Purchase Order No. [6]
Required Report Date [11]

Samples Shipment Date [7] 10-22-99
Lab Destination [8] Knoxville, TN
Lab Contact [9]
Project Contact/Phone [12] Chris Norman
Carrier/Waybill No. [13] 8080 2840 7181

Bill to: [5] IT Corp

Report to: [10] Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
WP-SP11-MW03 GW54	Groundwater	10-22-99 1057	Glass	40mL	NONE		4°C	TDL 0451
GW55		1103						TDL 0452
GW56		1109						TDL 0453
GW57		1115						TDL 0454
GW58		1121						TDL 0455
GW59		1127						TDL 0456
GW60		1133						TDL 0457
GW61		1139						TDL 0458

FOR LAB USE ONLY

FOR LAB USE ONLY

Special Instructions: [23] Chris Norman 513-782-4971

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by [28] (Signature/Affiliation)	Date: 10-22-99 Time: 1700	1. Received by [28] (Signature/Affiliation)	Date: 10-23-99 Time: 1300
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

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INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.[30]

Project Name WPAFB

Project No. 781791

Samples Shipment Date 10-22-99

ONE CONTAINER PER LINE

Sample[14] Number	Sample[15] Description/Type	Date/Time[16] Collected	Container[17] Type	Sample[18] Volume	Pre-[19] servative	Requested Testing[20] Program	Condition on[21] Receipt	Disposal[22] Record No.
WD-SP11 MW03-GW62	GW	10-22-99 1145	G	40mL	NONE		4°C	TDL 0459
GW63		1151					FOR LAB USE ONLY	TDL 0460
GW64		1157						TDL 0461
GW65		1203						TDL 0462
GW66		1209					FOR LAB USE ONLY	TDL 0463
GW67		1215						TDL 0464
GW68		1221					FOR LAB USE ONLY	TDL 0465
GW69		1227						TDL 0466
GW70		1233					FOR LAB USE ONLY	TDL 0467
GW71		1239						TDL 0468
GW72		1245						TDL 0469
GW73		1251					FOR LAB USE ONLY	TDL 0470
GW74		1257						TDL 0471
GW75		~~1303~~ 1315					FOR LAB USE ONLY	TDL 0472
GW76		~~1309~~ 1327						TDL 0473
GW77		~~1315~~ 1339						TDL 0474
GW78		1351					FOR LAB USE ONLY	TDL 0475
GW79	1403	~~1327~~						TDL 0476
GW80	1415	~~1333~~						TDL 0477
GW81	1427	~~1339~~						TDL 0478

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INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.[30] _____

Project Name WPAFB

Project No. 781791

Samples Shipment Date 10-22-99

ONE CONTAINER PER LINE

Sample[14] Number	Sample[15] Description/Type	Date/Time[16] Collected	Container[17] Type	Sample[18] Volume	Pre-[19] servative	Requested Testing[20] Program	Condition on[21] Receipt	Disposal[22] Record No.
WP-SB11-MW03 GW82	Groundwater	10-22-99 1439	Glass	40mL	None			TDL 0479
GW83		1451					FOR LAB USE ONLY	TDL 0480
GW84		1503						TDL 0481
GW85		1515						TDL 0482
GW86		1527					FOR LAB USE ONLY	TDL 0483
GW87		1539						TDL 0484
GW88		1551					FOR LAB USE ONLY	TDL 0485
GW 89		1603						TDL 0486
GW 90		1615						TDL 0487
GW 91		1627					FOR LAB USE ONLY	TDL 0488
GW 92		1633						TDL 0489
GW 93	—	1639	—	—	—		FOR LAB USE ONLY	TDL 0490
~~GW94~~		~~1651~~						
~~GW95~~		~~1703~~					FOR LAB USE ONLY	
~~GW96~~		~~1715~~						
							FOR LAB USE ONLY	

White: To accompany samples

Yellow: Field copy

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New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2257
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW07HT1 (A098)**
Matrix: Water
Date Sampled: 20-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	220	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2264
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW07HT1 (A098) RE**
Matrix: Water
Date Sampled: 20-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	78	ug
Injection Volume	1	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2272
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW31 (A103)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	17	ug
Injection Volume	1	mL

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IT Group, Inc.
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Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2288
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW32 (A111)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	4.4	ug
Injection Volume	5	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2289
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW03-GW33 ((A112)
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.4	ug
Injection Volume	5	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2290
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW34 (A113)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.5	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2291
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW35 (A114)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.7	ug
Injection Volume	5	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2292
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW36 (A115)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.2	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2293
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW37 (A110)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	4.7	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2294
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW38 (A116)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.4	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2295
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW39 (A117)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.2	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2299
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW40 (A118)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	8.26	ug
Injection Volume	5	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2301
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW42 (A120)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	8.79	ug
Injection Volume	5	mL

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2302
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW42 (A120) DUP.**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.06	ug
Injection Volume	5	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2303
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW43 (A121)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.41	ug
Injection Volume	5	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2304
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW44 (A122)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.76	ug
Injection Volume	5	mL

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2305
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW45 (A123)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	8.74	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2306
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW46 (A127)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.33	ug
Injection Volume	5	mL

SF6

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2307
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW47 (A124)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.44	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2308
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW48 (A125)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.44	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2309
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW49 (A126)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.8	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2310
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW50 (A128)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.4	ug
Injection Volume	5	mL

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2283
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	SPIKE	UNITS
Sulfur Hexafluoride	105	100	105%
Injection Volume	2	mL	

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2297
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	SPIKE	UNITS
Sulfur Hexafluoride	56	50	112%
Injection Volume	1	mL	

SF6

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2269
Analysis Date: 20-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV
Matrix: Water
Date Sampled: 20-Oct-99
Method: 8260

ANALYTES	RESULTS	SPIKE	UNITS
Sulfur Hexafluoride	40	50	80%
Injection Volume	1	mL	

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2315
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW51 (A129)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	1.3	ug
Injection Volume	5	mL

SF6 (2)

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2316
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW52 (A130)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	3.9	ug
Injection Volume	5	mL

SF6 (2)

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2317
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW53 (A131)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	3.7	ug
Injection Volume	5	mL

SF6 (2)

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2318
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW54 (A132)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	1.7	ug
Injection Volume	5	mL

SF6 (2)

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2319
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW55 (A133)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	3.9	ug
Injection Volume	5	mL

SF6 (2)

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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2320
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW55 (A133)DUP**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	2.4	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2321
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW56 (A134)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	4.8	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2323
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW57(A135)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	1.2	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2324
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW58 (A136)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.64	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2326
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW60 (A138)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.55	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2327
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW61 (A139)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.53	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2333
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW62 (A140)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.46	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2334
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW63 (A141)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.86	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2335
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW64 (A142)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.80	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2336
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW65 (A143)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.72	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2337
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW66 (A144)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.70	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2338
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW03-GW67 (A145)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.72	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2339
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW68 (A146)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.65	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2340
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW69 (A147)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.66	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2341
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW70 (A148)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.63	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2342
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW71 (A149)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.68	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2346
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW72 (A150)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.60	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2347
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW72 (A150) DUP**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.56	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2348
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW73 (A151)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.55	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2349
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW74 (A152)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.68	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2350
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW75 (A153)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.64	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2351
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW76 (A154)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.46	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2352
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW77 (A155)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.51	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2353
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW03-GW78 (A156)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.46	ug
Injection Volume	5	mL

SF6 (2)

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Project Site: Wright Patterson AFB

Data file: B2354
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW03-GW79 (A157)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.44	ug
Injection Volume	5	mL

SF6 (2)

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Data file: B2355
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW80 (A158)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.52	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2356
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW81 (A159)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.49	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
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Data file: B2357
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW82 (A160)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.56	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2358
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW83 (A161)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.55	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2359
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW03-GW84 (A162)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.30	ug
Injection Volume	5	mL

SF6 (2)

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Data file: B2360
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW85 (A163)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.36	ug
Injection Volume	5	mL

SF6 (2)

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Data file: B2361
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW86 (A164)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.40	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2362
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW87 (A165)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.42	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2363
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW88 (A166)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.09	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2364
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW03-GW89 (A167)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.52	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2365
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW90 (A168)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.54	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2366
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW91 (A169)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.50	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2370
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW92 (A170)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	<.08	ug
Injection Volume	25 *	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2368
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW93 (A171)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.47	ug
Injection Volume	5	mL

SF6 (2)

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2369
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW88 (A166) DUP**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.15	ug
Injection Volume	5	mL

SF6 (2)

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Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2420
Analysis Date: 28-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW31 DUP**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	19	ug
Injection Volume	1	mL

SF6 (2)

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2313
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV
Matrix: Water
Date Sampled: 20-Oct-99
Method: 8260

ANALYTES	RESULTS	SPIKE	% Rec
Sulfur Hexafluoride	44	50	88%
Injection Volume	1	mL	

SF6 (2)

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Mobile Laboratory Services
667 West Main Street
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2344
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: CCV
Matrix: Water
Date Sampled: 20-Oct-99
Method: 8260

ANALYTES	RESULTS	SPIKE	% Rec
Sulfur Hexafluoride	0.34	0.40	85%
Injection Volume	5	mL	

SF6 (2)

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/11/1999

Job Number: 99.18586

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
568867	WP-SP11-IW02-GW01	10/25/1999	10/25/1999
568868	WP-SP11-IW06-GW01	10/25/1999	10/25/1999
568869	WP-SP11-IW04-GW01	10/25/1999	10/25/1999

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Approved By

3601 SOUTH DIXIE DRIVE / DAYTON, OH 45439 / 937-294-6856 / FAX: 937-294-7816

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/11/1999

Job Number: 99.18586

Client Project ID: WPAFB RFP # 99-781791-003

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
SAMPLE NO. 568867	**SAMPLE DESCRIPTION** WP-SP11-IW02-GW01								**DATE/TIME TAKEN** 10/25/1999 10:55
Chloride	46		mg/L	10/28/1999		684	<5	imp	EPA 325.3
SAMPLE NO. 568868	**SAMPLE DESCRIPTION** WP-SP11-IW06-GW01								**DATE/TIME TAKEN** 10/25/1999 12:15
Chloride	38		mg/L	10/28/1999		684	<5	imp	EPA 325.3
SAMPLE NO. 568869	**SAMPLE DESCRIPTION** WP-SP11-IW04-GW01								**DATE/TIME TAKEN** 10/25/1999 13:00
Chloride	12		mg/L	10/28/1999		684	<5	imp	EPA 325.3

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
CONTINUING CALIBRATION VERIFICATION

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/11/1999

Job Number: 99.18586

Analyte	Prep Batch Number	Run Batch Number	CCV True Concentration	CCV Concentration Observed	Flag	Units	Percent Recovery
Chloride		684	100	99		mg/L	99

CCV - Continuing Calibration Verification

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
MATRIX SPIKE/MATRIX SPIKE DUPLICATE

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

11/11/1999

Job Number: 99.18586

Analyte	Prep Batch Number	Run Batch Number	Matrix Spike Result	Sample Result	Spike Amount	Units	% Rec.	MSD Result	MSD Spike Amount	Units	% Rec.	RPD	Flag
Chloride		684	50	12	40	mg/L	95	49	40	mg/L	93	2	

NOTE: Matrix Spike Samples may not be samples from this job.

MS = Matrix Spike
MSD = Matrix Spike Duplicate
RPD = Relative Percent Difference

TestAmerica
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QUALITY CONTROL FLAG DEFINITIONS

Job Number: 99.18586

(*) Indicates an out-of-control QC. The analytical data was reported based on other supporting quality control information.

(Note) Indicates to review the notes and comments section of the analytical report as there is additional information concerning this anlaytical result.

(MS) Indicates that the Matrix Spike (MS) was out of statistical advisory limits.

(MSD) Indicates that the Matrix Spike Duplicate (MSD) was out of statistical advisory limits.

(RPD) Indicates that the Relative Percent Difference (RPD) for the MS/MSD pair was outside of statistical advisory limits.

(SS) Indicates that the MS and MSD were out of statistical advisory limits.

(SSR) Indicates that the MS, MSD and RPD were out of statistical advisory limits.

(MSR) Indicates that the MS and RPD were out of statistical advisory limits.

(MSDR) Indicates that the MSD and RPD were out of statistical advisory limits.

(DL) Indicates that the MS and MSD were diluted out and the percent recoveries of the spikes could not be calculated.

(LS) Indicates that statistical accuracy and precision data is not available for spike concentrations which are < 1/4 of the sample amount. Care should be used in interpreting this data.

(J) Indicates estimated concentration due to internal standard areas or surrogate recoveries outside of control limits. A sample matrix effect is usually indicated.

(DW) Indicates Dry Weight.

Analytical Reporting Limits

The reporting limits listed for non-aqueous samples in the analytical report section are Practical Quantitation Limits (PQLs). These PQLs are based upon a typical standard weight used for a non-aqueous sample. The reporting limit for a sample may be different from the PQL listed depending upon the actual weight of sample used, the samples moisture content and any dilutions used during the analysis.

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TestAmerica
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ANALYTICAL AND QUALITY CONTROL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

10/21/1999

Job Number: 99.17507

Enclosed is the Analytical and Quality Control reports for the following samples submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
565651	MW09-GW51	10/08/1999	10/08/1999
565652	MW07-GW51	10/08/1999	10/08/1999
565653	WP-FAAB-IW03SS51	10/07/1999	10/08/1999
565654	WP-FAAB-IW03SS52	10/07/1999	10/08/1999
565655	WP-FAAB-IW05SS51	10/08/1999	10/08/1999
565656	WP-FAAB-IW05SS52	10/08/1999	10/08/1999

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Approved By

3601 SOUTH DIXIE DRIVE / DAYTON, OH 45439 / 937-294-6856 / FAX: 937-294-7816

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Rajib Sinha
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

10/21/1999

Job Number: 99.17507

Client Project ID: WPAFB RFP # 99-781791-003

SAMPLE NO. 565651 — **SAMPLE DESCRIPTION** MW09-GW51 — **DATE/TIME TAKEN** 10/08/1999 10:55

	Result	Flag	Units	Date Analyzed	Prep Batch Number	Run Batch Number	Reporting Limit	Analyst Initials	Method Reference
V[illegible]E COMPOUNDS - 8260 (AQ)									
826[illegible] - SW846 (AQ)	Complete			10/18/1999		2109	Complete	jpf	
Acetone	28.2		ug/L	10/18/1999		2109	<20.0	jpf	SW 8260A
Benzene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
tert-Butylbenzene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
sec-Butylbenzene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
n-Butylbenzene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Bromochloromethane	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Bromodichloromethane	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Bromoform	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Bromobenzene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
2-Butanone (MEK)	<12.5		ug/L	10/18/1999		2109	<12.5	jpf	SW 8260A
Carbon disulfide	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Carbon tetrachloride	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Chlorobenzene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Chloroethane	<5.0		ug/L	10/18/1999		2109	<5.0	jpf	SW 8260A
2-Chlorotoluene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
4-Chlorotoluene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Chloroform	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Chloromethane	<5.0		ug/L	10/18/1999		2109	<5.0	jpf	SW 8260A
Dibromochloromethane	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Dibromomethane	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
Dichlorodifluoromethane	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A
1,2-Dibromo-3-chloropropane	<5.0		ug/L	10/18/1999		2109	<5.0	jpf	SW 8260A
1,2-Dichlorobenzene	<1.0		ug/L	10/18/1999		2109	<1.0	jpf	SW 8260A

New Age/Landmark
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Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2272
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW31**
Matrix: Water
Date Sampled: ~~20~~ 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	17	ug
Injection Volume	1	mL

SF6

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2288
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW32 (A111)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	4.4	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2289
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW33 ((A112)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.4	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2290
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW34 (A113)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.5	ug
Injection Volume	5	mL

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IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2291
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW35 (A114)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.7	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2292
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW36 (A115)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.2	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2293
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW37 (A110)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	4.7	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2294
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW38 (A116)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.4	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2295
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW39 (A117)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.2	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2299
Analysis Date: 21-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW40 (A118)**
Matrix: Water
Date Sampled: 21-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	8.3	ug
Injection Volume	5	mL

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2300
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW41 (A119)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	8.0	ug
Injection Volume	5	mL

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IT Group, Inc.
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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2301
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW42 (A20)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	8.8	ug
Injection Volume	5	mL

SF6

New Age/Landmark
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2302
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW42 (A120) DUP**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.1	ug
Injection Volume	5	mL

SF6

New Age/Landmark
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2303
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW43 (A121)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.4	ug
Injection Volume	5	mL

New Age/Landmark
Mobile Laboratory Services
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2304
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW44 (A122)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.8	ug
Injection Volume	5	mL

New Age/Landmark
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2305
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW45 (A123)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	8.8	ug
Injection Volume	5	mL

New Age/Landmark
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IT Group, Inc.
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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2306
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW46 (A127)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.3	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2307
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW47 (A124)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.4	ug
Injection Volume	5	mL

New Age/Landmark
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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2308
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW48 (A125)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.4	ug
Injection Volume	5	mL

SF6

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2309
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW49 (A126)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	7.8	ug
Injection Volume	5	mL

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2310
Analysis Date: 22-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW50 (A128)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	6.4	ug
Injection Volume	5	mL

New Age/Landmark
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IT Group, Inc.
11499 Chester Road
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2315
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW51 (A129)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	1.3	ug
Injection Volume	5	mL

SF6

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IT Group, Inc.
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ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2316
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW52 (A130)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	3.9	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2317
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW53 (A131)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	3.7	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2318
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW54 (A132)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	1.7	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2319
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW55 (A133)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	3.9	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2320
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW55 (A133)DUP**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	2.4	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2321
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW56 (A134)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	4.8	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2323
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW57(A135)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	1.2	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2324
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW58 (A136)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.64	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2325
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW59 (A137)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.60	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2326
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW60 (A138)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.55	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2327
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW61 (A139)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.53	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2333
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW62 (A140)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.46	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2334
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW63 (A141)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.86	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2335
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW64 (A142)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.80	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2336
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW65 (A143)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.72	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2337
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW66 (A144)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.70	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2338
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW67 (A145)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.72	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2339
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW68 (A146)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.65	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2340
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW69 (A147)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.66	ug
Injection Volume	5	mL

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Project #: NAL99084
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Data file: B2341
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW70 (A148)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.63	ug
Injection Volume	5	mL

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Data file: B2342
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW71 (A149)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.68	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2346
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW72 (A150)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.60	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2347
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW72 (A150) DUP**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.56	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2348
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW73 (A151)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.55	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2349
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW74 (A152)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.68	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2350
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: MW03-GW75 (A153)
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.64	ug
Injection Volume	5	mL

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Project #: NAL99084
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Data file: B2351
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW76 (A154)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.46	ug
Injection Volume	5	mL

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Data file: B2352
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW77 (A155)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.51	ug
Injection Volume	5	mL

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Data file: B2353
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW78 (A156)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.46	ug
Injection Volume	5	mL

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Data file: B2354
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW79 (A157)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.44	ug
Injection Volume	5	mL

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Data file: B2355
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW80 (A158)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.52	ug
Injection Volume	5	mL

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Data file: B2356
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW81 (A159)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.49	ug
Injection Volume	5	mL

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Project #: NAL99084
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Data file: B2357
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW82 (A160)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.56	ug
Injection Volume	5	mL

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Project #: NAL99084
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Data file: B2358
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW83 (A161)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.55	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2359
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW84 (A162)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.30	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2360
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW85 (A163)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.36	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2361
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW86 (A164)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.40	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2362
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW87 (A165)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.42	ug
Injection Volume	5	mL

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Data file: B2363
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW88 (A166)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.09	ug
Injection Volume	5	mL

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Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2364
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW89 (A167)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.52	ug
Injection Volume	5	mL

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Project #: NAL99084
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Data file: B2365
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW90 (A168)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.54	ug
Injection Volume	5	mL

SF6

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2366
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW91 (A169)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.50	ug
Injection Volume	5	mL

SF6

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2370
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW92 (A170)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	<.08	ug
Injection Volume	25 *	mL

SF6

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2368
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW93 (A171)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.47	ug
Injection Volume	5	mL

SF6

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

Data file: B2369
Analysis Date: 26-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW88 (A166) DUP**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.15	ug
Injection Volume	5	mL

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/14/2000

Job Number: 00.01491

Enclosed is the analytical report for the following sample(s) submitted to the Dayton Division of TestAmerica, Inc. for analysis:

Sample Number	Sample Description	Date Taken	Date Received
587614	ST11IDW-Grab	02/03/2000	02/03/2000

TestAmerica, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Reproduction of this analytical report is permitted only in its entirety.

Enclosure

Debbie Janning
Approved By

3601 S. Dixie Drive / Dayton, Ohio 45439 / 937-294-6856 / Fax: 937-294-7816 / 800-572-9839

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/14/2000

JOB NUMBER: 00.01491

DATE RECEIVED: 02/03/2000
CLIENT PROJECT ID: Facility 92

SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN	DATE ANAL.	ANALYST
587614	ST11IDW-Grab	02/03/2000 10:20		

VOLATILES - TCLP				
TCLP-Benzene	<30.0	ug/L	02/11/2000	jpf
TCLP-Carbon tetrachloride	<30.0	ug/L	02/11/2000	jpf
TCLP-Chlorobenzene	<30.0	ug/L	02/11/2000	jpf
TCLP-Chloroform	<30.0	ug/L	02/11/2000	jpf
TCLP-1,2-Dichloroethane	<30.0	ug/L	02/11/2000	jpf
TCLP-1,1-Dichloroethene	<30.0	ug/L	02/11/2000	jpf
TCLP-Methyl ethyl ketone (MEK)	<300	ug/L	02/11/2000	jpf
TCLP-Tetrachloroethene	<30.0	ug/L	02/11/2000	jpf
TCLP-Trichloroethene	<30.0	ug/L	02/11/2000	jpf
TCLP-Vinyl chloride	<30.0	ug/L	02/11/2000	jpf
Surrogate: d4-1,2-DCA	96	%	02/11/2000	jpf
Surrogate: d8-Toluene	98	%	02/11/2000	jpf
Surrogate: BFB	98	%	02/11/2000	jpf

TESTAMERICA INC.

Chain of Custody Record

Page ___ of ___

☐ Asheville, NC (A) (828) 254-5169	☐ Burlington, IL (C) (630) 289-3100	☐ Cedar Falls, IA (E) (319) 277-2401	☐ Charlotte, NC (G) (704) 392-1164	☒ Dayton, OH (I) (937) 294-6856	☐ Lumberton, NC (K) (910) 738-6190	☐ Nashville, TN (M) (615) 726-0177	☐ Pontiac, MI (O) (248) 332-1940	☐ Rockford, IL (Q) (815) 874-2171
☐ Atlanta, GA (B) (770) 368-0636	☐ Brighton, CO (D) (303) 659-0497	☐ Charleston, SC (F) (843) 849-6550	☐ Columbia, SC (H) (803) 796-8989	☐ Davenport, IA (J) (319) 323-7944	☐ Indianapolis, IN (L) (317) 842-4261	☐ Macon, GA (N) (912) 757-0811	☐ Orlando, FL (P) (407) 851-2560	☐ Watertown, WI (R) (920) 261-1660

Client:

Report Address:

Attn:

Phone No.:

Fax No.:

Project No.:

Invoice Address:

Attn:

Sampled By:

P.O. No:

Quote No.

State Samples Collected

TURNAROUND TIME

☒ Standard

☐ Rush (surcharges may apply) Date Needed: ___

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes___ No___

Is this work being conducted for regulatory enforcement action? Yes___ No___

Which regulations apply:
RCRA____ NPDES Wastewater____
UST____ Drinking Water____
Other___ None____

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use										# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
[illegible]	[illegible]	[illegible]	G	[illegible]		✓														✓	[illegible]

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp

Rec Lab Temp

COMMENTS: [illegible]

Relinquished By: [illegible]	Date [illegible]	Time [illegible]	Received By: [illegible]	Date 2/13/0[illegible]	Time [illegible]	**LAB USE ONLY:**	
Relinquished By:	Date	Time	Received By:	Date	Time		
Relinquished By:	Date	Time	Received By:	Date	Time	Custody Seal: ☐ Yes ☐ No ☐ N/A	
						Bottles Supplied by TA: ☐ Yes ☐ No	

TESTAMERICA INC.

Chain of Custody Record

Page ___ of ___

☐ Asheville, NC (A) (828) 254-5169 ☐ Bartlett, IL (C) (630) 289-3100 ☐ Cedar Falls, IA (E) (319) 277-2401 ☐ Charlotte, NC (G) (704) 392-1164 ☒ Dayton, OH (I) (937) 294-6856 ☐ Lumberton, NC (K) (910) 738-6190 ☐ Nashville, TN (M) (615) 726-0177 ☐ Pontiac, MI (O) (248) 332-1940 ☐ Rockford, Il (Q) (815) 874-2171

☐ Atlanta, GA (B) (770) 368-0636 ☐ Brighton, CO (D) (303) 659-0497 ☐ Charleston, SC (F) (843) 849-6550 ☐ Columbia, SC (H) (803) 796-8989 ☐ Davenport, IA (J) (319) 323-7944 ☐ Indianapolis, IN (L) (317) 842-4261 ☐ Macon, GA (N) (912) 757-0811 ☐ Orlando, FL (P) (407) 851-2560 ☐ Watertown, WI (R) (920) 261-1660

Client: [illegible]	Project No.: [illegible]
Report Address: 1449 [illegible] Rd	Invoice Address: same
Cincinnati OH 45246	
Attn: Chris Norman	Attn:
Phone No.: 1 800 241 4799	Sampled By:
Fax No.: (513) 782 4207	P.O. No:
	Quote No.
	State Samples Collected

TURNAROUND TIME

☒ Standard

☐ Rush (surcharges may apply) Date Needed: ___

REQUESTED PARAMETERS

WATER

TCLP VOL

Is this work being conducted for regulatory compliance monitoring? Yes___ No___

Is this work being conducted for regulatory enforcement action? Yes___ No___

Which regulations apply:
RCRA___ NPDES Wastewater___
UST___ Drinking Water___
Other___ None___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	TCLP VOL	# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
ST 11 TDW	2/3/00	1020	G	Soil		✓						✓	1-4 oz. wm, clear, glass

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp: ___ Rec Lab Temp: ___

COMMENTS: Please report data to Chris Norman @ 1-800 241-4799

Relinquished By	Date	Time	Received By	Date	Time
[signature]	2/3/00	1330	[signature]	2/3/00	1330

LAB USE ONLY:

Custody Seal: ☐ Yes ☐ No ☐ N/A

Bottles Supplied by TA: ☐ Yes ☐ No

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Chris Norman
IT CORPORATION
11499 Chester Road
Cincinnati, OH 45246

02/14/2000

JOB NUMBER: 00.01491

DATE RECEIVED: 02/03/2000
CLIENT PROJECT ID: Facility 92

SAMPLE NO.	SAMPLE DESCRIPTION	DATE/TIME TAKEN	DATE ANAL.	ANALYST
587614	ST11IDW-Grab	02/03/2000 10:20		

VOLATILES - TCLP				
TCLP-Benzene	<30.0	ug/L	02/11/2000	jpf
TCLP-Carbon tetrachloride	<30.0	ug/L	02/11/2000	jpf
TCLP-Chlorobenzene	<30.0	ug/L	02/11/2000	jpf
TCLP-Chloroform	<30.0	ug/L	02/11/2000	jpf
TCLP-1,2-Dichloroethane	<30.0	ug/L	02/11/2000	jpf
TCLP-1,1-Dichloroethene	<30.0	ug/L	02/11/2000	jpf
TCLP-Methyl ethyl ketone (MEK)	<300	ug/L	02/11/2000	jpf
TCLP-Tetrachloroethene	<30.0	ug/L	02/11/2000	jpf
TCLP-Trichloroethene	<30.0	ug/L	02/11/2000	jpf
TCLP-Vinyl chloride	<30.0	ug/L	02/11/2000	jpf
Surrogate: d4-1,2-DCA	96	%	02/11/2000	jpf
Surrogate: d8-Toluene	98	%	02/11/2000	jpf
Surrogate: BFB	98	%	02/11/2000	jpf

New Age/Landmark
Mobile Laboratory Services
667 West Main Street
Benton Harbor, MI 49002
Phone (616) 927-3004 Fax (616) 927-3411

IT Group, Inc.
11499 Chester Road
Cincinnati, Ohio 45246
ATTN: Mr. Chris Norman

Project #: NAL99084
Project Site: Wright Patterson AFB

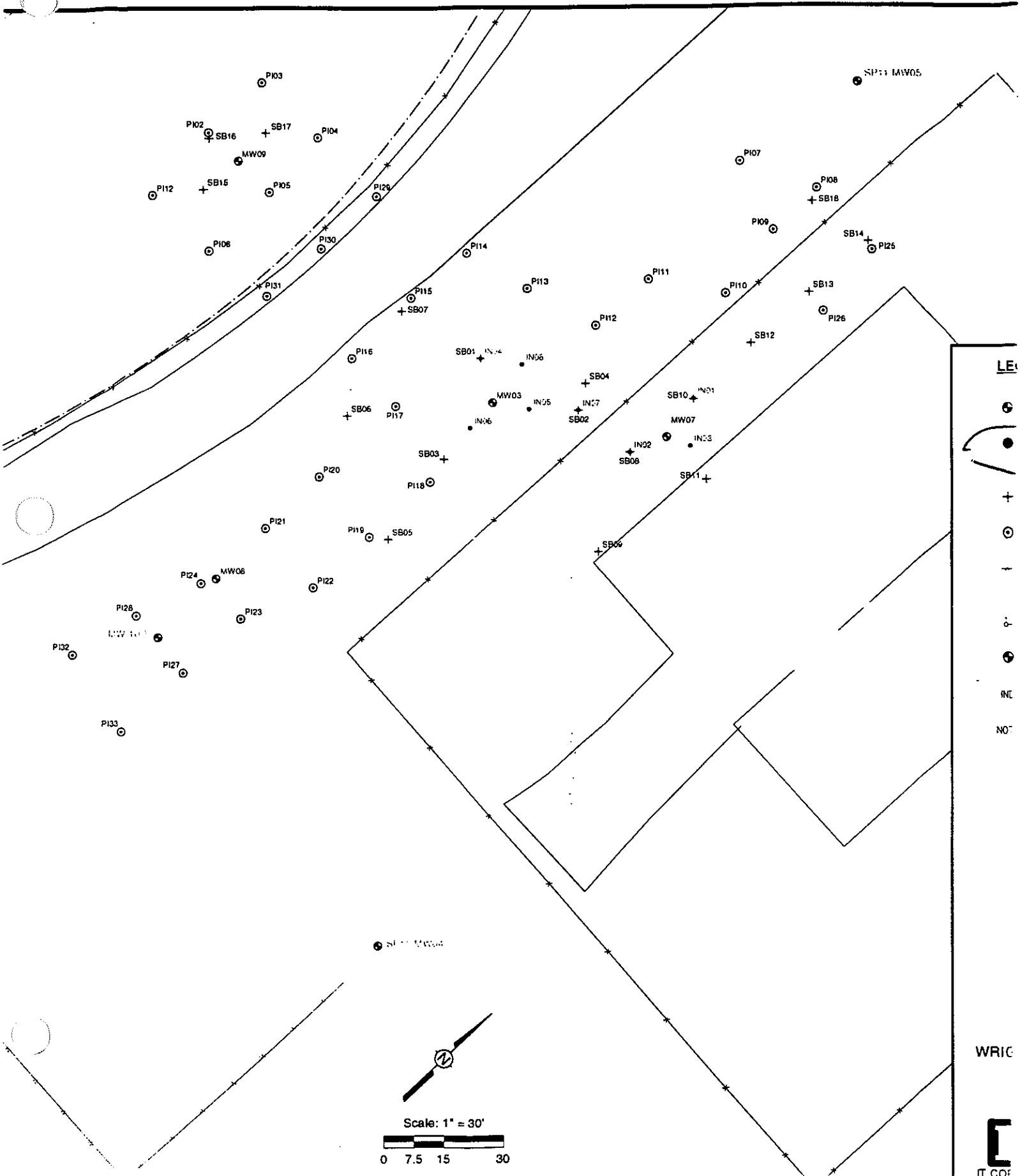
Data file: B2325
Analysis Date: 25-Oct-99
Extraction Date: NA
Operator: JMK
Sample ID: **MW03-GW59 (A137)**
Matrix: Water
Date Sampled: 22-Oct-99
Method: 8260

ANALYTES	RESULTS	UNITS
Sulfur Hexafluoride	0.60	ug
Injection Volume	5	mL

SF6 (2)

APPENDIX G

FIELD LOGS


PI03
PI02
SB16
SB17
PI04
MW09
PI12
SB15
PI05
PI29
PI06
PI30
PI31
PI07
PI08
SB18
PI09
SB14
PI25
PI14
PI13
PI11
PI10
SB13
PI15
SB07
PI12
PI26
SB12
PI16
SB01
IN04
IN06
SB04
MW03
IN05
IN07
SB10
IN01
SB06
PI17
IN06
SB02
MW07
IN03
IN02
SB08
SB03
PI20
PI18
SB11
PI21
PI19
SB05
SB09
PI24
MW08
PI22
PI28
PI23
PI32
PI27
PI33
Scale: 1" = 30'
0 7.5 15 30

INTERNATIONAL TECHNOLOGY CORPORATION 0

WPAFB

Groundwater Well Development/Purge Log

[redacted] #781791 030 30100

PROJECT [redacted]

Page 1 of ___

SITE ID: WPAFB

Well #: WP-SP11-MW09

Sample ID: WP-SP11-MW09-GW01

Purging Method/Equipment: MicroPurge

Samplers: Voisard

Well Secure (Y/N): _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.78

Static Water Level (Depth to Water): 12.40

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
12-15	0930	12.40	INT	13.1	6.05	1.07	999	N	
	0935	12.51	1 L	14.1	6.11	1.03	86	N	
	0945	12.51	1 gal	14.3	6.13	1.04	24	N	
	0950	12.51	1.5	14.2	6.13	1.05	7	N	

Date Sampled: 12/15/99

Time Sampled: 0955

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, TALK

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks

10.905

INTERNATIONAL TECHNOLOGY CORPORATION 0

WPAFB

Groundwater Well Development/Purge Log

PROJECT [redacted] #781791 030 30100

Page 1 of 1

SITE ID: WPAFB

Well #: WP-SP11-MW08

Sample ID: WP-SP11-MW08-GW01

Purging Method/Equipment: MicroPurge

Samplers: Voisard

Well Secure (Y/N): _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 32.28

Static Water Level (Depth to Water): 8.92'

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
12-15	1045	8.90	INT	13.5	6.14	1.30	32	N	
	1050	9.98	.75	13.3	6.15	1.28	24	N	
	1055	9.91	1.0	13.2	6.15	1.27	13	N	
	1100	9.91	1.25	13.1	6.15	1.27	8	N	

Date Sampled: 12-15-99

Time Sampled: 1105

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, T. ALK

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

F:\COMMON\TANIA\BGAD\GWP

INTERNATIONAL TECHNOLOGY CORPORATION 0

WPAFB

Groundwater Well Development/Purge Log

[redacted] #781791 030 30100

PROJECT [redacted]

SITE ID: WPAFB

Well #: WP-SP11-MW05

Sample ID: WP-SP11-MW05-GW01

Purging Method/Equipment: MicroPurge

Samplers: Voisard

Well Secure (Y/N): _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 19.13'

Static Water Level (Depth to Water): 13.51'

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
12-15	1120	13.5	INT	13.5	6.75	0.98	176	N	
	1125	14.18	.25	14.1	7.20	0.94	134	N	
	1130	14.58	.50	14.2	7.20	0.93	150	N	
	1135	15.17	1	14.0	7.19	0.92	39	N	
	1140	15.48	1.5	14.0	7.19	0.94	24	N	
	1145	15.46	1.75	14.0	7.14	0.96	27	N	
	1150	16.28	2	14.0	7.18	0.96	28	N	

Date Sampled: 12-15-99

Time Sampled: 1155

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals (VOC) SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, T. Alk

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

WPAFB

Groundwater Well Development/Purge Log

PROJECT [redacted] #781791 030 30100

Page 1 of ___

SITE ID: WPAFB

Well #: WP-SP11-MW07

Sample ID: WP-SP11-MW07-GW01

Purging Method/Equipment: MicroPurge

Samplers: Voisard

Well Secure (Y/N): ___

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): ___ gal.

Target Purge Volume: ___ gal

Sounding (Depth to Well Bottom): 22.71

Static Water Level (Depth to Water): 11.52

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
12-15	1215	11.52	INT	13.7	6.81	2.28	999	N	
	1220	12.42	.25	14.8	6.73	2.08	171	N	
	1225								
	1230	12.72	1	14.6	6.82	1.94	73	N	
	1235	12.9	1.5	14.8	6.85	1.94	52	N	
	1240	12.98	2	15.1	6.88	1.93	28	N	
	1245	13.0	2.5	15.2	6.81	1.88	21	N	
	1250	13.02	3	15.0	6.78	1.88	14	N	

Date Sampled: 12-15-99

Time Sampled: 1255

Chain-of-custody (COC)#: ___

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN TFe, TALK

QA/QC Samples Collected: None Dup/Split ___ / ___ MS/MSD ___ / ___

Well Condition/Remarks ___

F:\COMMON1\TANJA\BGAD\GWP

INTERNATIONAL TECHNOLOGY CORPORATION 0

WPAFB

Groundwater Well Development/Purge Log

[redacted] #781791 03030100

PROJECT [redacted]

SITE ID: WPAFB

Well #: WP-SP11-IN01

Sample ID: WP-SP11-IN01-GW01

Purging Method/Equipment: MicroPurge

Samplers: Voisard

Well Secure (Y/N): _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.56'

Static Water Level (Depth to Water): 12.46'

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
12-15	1310	12.46	INT	14.8	7.22	1.71	38	N	
	1315	12.60	.25	15.5	6.95	1.64	21	N	
	1320	12.68	.50	15.5	6.86	1.63	14	N	
	1325	12.70	1	15.5	6.84	1.63	12	N	

Date Sampled: 12-15-99

Time Sampled: 1330

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals (VOC) SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, TALK

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

WPAFB

Groundwater Well Development/Purge Log

PROJECT [redacted] #781791 030 30100

Page 1 of 1

SITE ID: WPAFB

Well #: WP-SP11-IN07

Sample ID: WP-SP11-IN07-GW01

Purging Method/Equipment: MicroPurge

Samplers: Voisard

Well Secure (Y/N): _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 16.56'

Static Water Level (Depth to Water): 11.94'

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
12-15	1350	11.94	INT	13.5	6.67	2.24	137	N	
	1355	12.18	.5	14.8	6.52	2.16	13	N	
	1400	12.22	1.25	14.9	6.52	2.15	5	N	
	1405	12.24	2	14.9	6.50	2.13	4	N	

Date Sampled: 12-15-99

Time Sampled: 1410

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, T. ALK

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

WPAFB

Groundwater Well Development/Purge Log

[redacted] #781791 030 30100

PROJECT [redacted]

SITE ID: WPAFB

Well #: WP-SP11-MW03

Sample ID: MW03-GW01

Purging Method/Equipment: MicroPurge

Samplers: Voisard

Well Secure (Y/N): _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 12.5'

Static Water Level (Depth to Water): 10.2'

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
12-15	1420	10.2	INT.	13.9	6.49	10.1	999	N	
	1425	10.74	.5	15.3	6.47	9.7	423	N	
	1430	11.04	1	15.7	6.41	9.8	999	N	
	1435	11.22	1.5	15.8	6.40	2.40	416	N	
	1440	11.32	2	15.8	6.40	9.7	127	N	
	1445	11.38	2.5	15.7	6.40	9.8	73	N	
	1450	11.44	3	15.9	6.36	2.36	73	N	
	1455	11.52	3.5	15.9	6.34	2.33	77	N	

Date Sampled: 12-15-99

Time Sampled: 1500

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals (VOC) SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, T ALK

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

TESTAMERICA INC.

Chain of Cu[illegible] Record

Pa[illegible] of 1

☐ Asheville, NC (A) (828) 254-5169	☐ Bartlett, IL (C) (630) 289-3100	☐ Cedar Falls, IA (E) (319) 277-2401	☐ Charlotte, NC (G) (704) 392-1164	☒ Dayton, OH (I) (937) 294-6856	☐ Lumberton, NC (K) (910) 738-6190	☐ Nashville, TN (M) (615) 726-0177	☐ Pontiac, MI (O) (248) 332-1940	☐ Rockford, Il (Q) (815) 874-2171
☐ Atlanta, GA (B) (770) 368-0636	☐ Brighton, CO (D) (303) 659-0497	☐ Charleston, SC (F) (843) 849-6550	☐ Columbia, SC (H) (803) 796-8989	☐ Davenport, IA (J) (319) 323-7944	☐ Indianapolis, IN (L) (317) 842-4261	☐ Macon, GA (N) (912) 757-0811	☐ Orlando, FL (P) (407) 851-2560	☐ Watertown, WI (R) (920) 261-1660

Client: I I CORP
Project No.: 78,791
Report Address: 11499 Chester Rd
Invoice Address: 11499 Chester Rd
Cincinnati, OH 45246
Cincinnati, OH 45246
Attn: Chris Norman
Attn:
Phone No.: 513-782-4971
Sampled By: V Voisard
Fax No.: 513-782-4749
P.O. No:
Quote No.
State Samples Collected OH

TURNAROUND TIME
☒ Standard
☐ Rush (surcharges may apply)
Date Needed:

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes___ No X

Is this work being conducted for regulatory enforcement action? Yes___ No X

Which regulations apply:
RCRA___ NPDES Wastewater___
UST___ Drinking Water___
Other___ None X

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	VOC 8260-40ml glass	T.Fe-250ml plastic	T.Alk-500ml plastic							# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
WP-SP11-MW09-GW01	12-15	0955	G	GW		X	X	X							3		1			1	
WP-SP11-MW08-GW01		1105				X	X	X							3		X			X	
WP-SP11-MW05-GW01		1155				X	X	X							3		X			X	
WP-SP11-MW07-GW01		1255				X	X	X							3		X			X	
WP-SP11-IN01-GW01		1330				X	X	X							3		1			1	
WP-SP11-MW03-GW01		1500				X	X	X							3		1			1	
WP-SP11-IN07-GW01		1410				X	X	X							3		1			1	

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp | Rec Lab Temp

COMMENTS:

Relinquished By: Vick Voisard	Date 12/15/2025	Time	Received By:	Date 12/15/2025	Time
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time

LAB USE ONLY:
Custody Seal: ☐ Yes ☐ No ☐ N/A
Bottles Supplied by TA: ☐ Yes ☐ No

TOTAL SAFETY

800-332-0435 • 937-824-4400

Ship from:
6501 CENTERVILLE BUSINESS PKWY
DAYTON, OH 45459
937-824-4400

I T ENVIRONMENTAL PROGRAMS, INC
WILL CALL DAY
DAYTON, OH 45459
ATTN:
C#:513-782-4700 J#: 513-782-4700

SALES ORDER

Order #: 2517990-000
System date: 12/13/99
Order date: 12/13/99 9:52 AM
Job Loc.: WILL CALL DAY DAYTO
Job No.: 10- I T ENVIRONMENTA
P.O. #: VISA
Ordered By: CHRISTIAN NORMAN
Ship date: 12/15/99
Ship Via: WILL CALL

Customer #: 37910
I T ENVIRONMENTAL PROGRAMS, INC
11499 CHESTER RD
CINCINNATI, OH 45246

Ship Qty	B/O Qty	Unit	Item number/Description	Bin Loc
1		BX	7005-XL N-DEX NITRILE GLOVES, XL, 100/BX	F2A

* Will Call 12/15/99 8am pickup
attn: Chris Norman
Signature [signature]

Total Safety Solutions for a World of Customer Needs!

v claim for shortage must be made in writing within 10 days after very. Written approval required for returns prior to 30 days from ine date of this invoice. There is a minimum 15% restocking charge on all returned items. No material accepted for credit after 30 days.

HAZCO

HAZCO becomes a Total Safety, Inc. Company!
What does this mean? More value-added services and quality produc to offer our clients to protect lives, property and the environment.
Total Safety/HAZCO—Synergy creating value for our customers!

GEN. OP. DAYT 161000

DUPLICATE

Received by:

Rep# 30 Emp: SONGEL

-Y

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH

PROJECT ~~777097~~ 781791

SITE ID: Well #: MW03 Sample Number : _____

Purging Method/Equipment: _____ Samplers _____ Well Secure (Y/N) _____

Well Casing Diameter : _____ in. Unit Casing Volume (UC): _____ gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): _____ Static Water Level (Depth to Water): _____

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic ~~H2O Level~~ (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-22	0825	.75L-min		3							GW32
	0851			4							GW 33
	0858			5							34
	0906			6							35
	0911			7							36
	0917	1gal/5min		8							37
	0923			9							38
	0929			10							39
	0935			11							40
	0941			12							41
	0947			13							42
	0953			14							43
	0959			15							44
	1003			16							45

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)

BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: _____ Sample Number : _____

Purging Method/Equipment: _____ Samplers _____ Well Secure (Y/N) _____

Well Casing Diameter : _____ in. Unit Casing Volume (UC): _____ gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): _____ Static Water Level (Depth to Water): _____

~~Time~~ #	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
46	1009			17							
47	1015			18							
48	1021			19							
49	1027			20							
50	1033			21							
51	1039			22							
52	1045			23							
53	1051			24							
54	1057			25							
55	1103			26							
56	1109			27							
57	1115			28							
58	1121			29							
59	1127			30							

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

Blluegrass Army Depot, Richmond, KY
PROJECT 777693 Contract DACW27-96-D-0034 DO 0016

SITE ID:_____ Well #: _____ Sample ID:_____

Purging Method/Equipment: _____ Samplers:_____ Well Secure (Y/N):_____

Well Casing Diameter : _____ in. Unit Casing Volume (UC): _____ gal. Target Purge Volume:_____gal

Sounding (Depth to Well Bottom): _____ Static Water Level (Depth to Water): _____

~~Date~~ #	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	~~Temp~~ °C	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description
60	1133		31	73	1251			44	
61	1139		32 32	74	1257			45	
62	1145	33	33 34	75	~~1303~~	1315		47	
63	1151	34	35 36	76	~~1304~~	1327		49	
64	1157	35	36 38	77	~~1315~~	1339		51	
65	1203	36	39 40	78	~~1321~~	1351		53	
66	1209	37	41 42	79	~~1327~~	1403		55	
67	1215	38	43 44	80	~~1333~~	1415	57	changed over to 2nd drum 55 gals	
68	1221	39	45 46	81	~~1339~~	1427	59		
69	1227	40	47 48	82	~~1345~~	1439	61		
70	1233	41	49 50	83	~~1351~~	1451	63		
71	1239		42	84	~~1357~~	1503	65		
72	1245		43	85	~~1403~~	1515	67		

Date Sampled:_____ Time Sampled:_____ Chain -of-custody (COC)#:_____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN

QA/QC Samples Collected: None Dup/Split _____/_____ MS/MSD _____/_____

Well Condition/Remarks_____

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJECT ~~77692 Contract DACW27-96-D-0034, DO 0016~~ 78179 1

Page 1 of 1

SITE ID: WPAFB

Well #: WP-SP11-IW06

Sample ID: IW06-GW01

Purging Method/Equipment: Micropurge Peristaltic Pump

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter: 1.5 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 16.91

Static Water Level (Depth to Water): 10.41

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	D.O.	Water Description
10-25	1145	10.41	0	14.2	7.45	513	999	N	9.55	
	1150	10.51	.5	14.9	7.10	525	304	N	9.21	
	1155	10.51	1	15.0	6.97	525	101	N	9.17	
	1200	10.51	1.5	15.2	6.94	528	42	N	9.09	
	1205	10.51	2	15.0	6.88	532	36	N	9.23	
	1210	10.51	2.5	14.9	6.88	532	12	N		
	1215								SAMPLED	

Date Sampled: 10-25-99

Time Sampled: 1215 ~~10:54 Pd~~

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN CL

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJECT ~~777809 Contract DACW27-96-D-0034, DO 0016~~ 781791

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SITE ID: WPAFB

Well #: WP-SP11-IW04

Sample ID: IW04 - GW01

Purging Method/Equipment: Peristaltic Pump Micropurge

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter: 1.5 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 13.4

Static Water Level (Depth to Water): 10.01

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	Water Description DO
10-25	1230	10.01	0	15.1	6.31	655	999	N	9.85
	1235	10.03	.5	15.8	6.76	552	376	N	9.41
	1240	10.03	1	15.9	6.87	545	50	N	9.43
	1245	10.03	1.5	15.4	6.88	544	5	N	9.25
	1250	10.03	2	15.9	6.88	546	4	N	9.15
	1255	10.03	2.5	15.9	6.88	549	1	N	9.37
	1300								sampled

Date Sampled: 10-25-99

Time Sampled: 1300

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN CL

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

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INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJ~~ECT 777693 Contract DACW27-96-D-0034 DO~~ 0016

781791

Page 1 of ___

SITE ID: WPAFB

Well #: WP-SP11-IW02

Sample ID: IW02-GW01

Purging Method/Equipment: micropurge Peristolic Pump

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter: 1.5 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.87'

Static Water Level (Depth to Water): 12.80'

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	D.O	Water Description
10-25	0905		0	11.9	5.47	817	999	N		
	0910	13.90	.5	14.2	6.48	668	194	N	7.25	turned down purge rate
	0915	15.54	1.0	12.5	6.77	638	340	N	7.61	
	0920	16.06	1.5	13.7	6.87	639	460	N	7.60	turned down purge rate
	0925	16.31	2.0	13.4	6.96	640	154	N	8.02	
	0930	16.67	2.25	13.2	6.98	649	471	N	8.15	8oz/min
	0940	17.21	2.5	13.2	6.81	702	130	N	7.97	
	0945	17.58	3	13.0	6.75	806	401	N	8.05	
	1005							Y		Dry recharging
	1055									sampled

Date Sampled: Voisard

Time Sampled: 1055

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN

CL

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: WP-SP11-MW07 Sample Number: MW07-GW01

Purging Method/Equipment: Peristalic Pump Samplers J. Parks Well Secure (Y/N) Y

Well Casing Diameter: 2 in. Unit Casing Volume (UC): _____ gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 22.4' Static Water Level (Depth to Water): 12.61

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-22	0831		12.61	Initial	14.4	7.72	.537	7999	NA	9.51	Brown
10-22	0846		12.60	0.6	14.6	8.04	.533	7999	NA	9.36	Brown, clearing
10-22	0901		12.60	1.0	14.7	7.69	.528	7999	NA	9.04	Brown
10-22	0916		12.60	1.4	15.0	7.55	.525	607	NA	8.81	Brown, clearing
10-22	0931		12.60	1.7	14.8	7.66	.523	414	NA	8.82	Brown
10-22	0946		12.60	2.0	15.1	7.56	.521	249	NA	8.93	Clearing
							LAST LINE				

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH) FE MN CL T ALK
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: 10-22-99 Sample Collection Time: 0948

Prepared by: J. PARKS

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: WP-SP11-IW01 Sample Number: WP-SP11-IW01-GW01

Purging Method/Equipment: Peristolic Pump Samplers: J. Parks Well Secure (Y/N): Y

Well Casing Diameter: 1 in. Unit Casing Volume (UC): _____ gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.21' Static Water Level (Depth to Water): 12.88'

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-22	1102		13.37	Initial	16.8	9.65	.306	282	N/A	9.51	Slightly cloudy
10-22	1129		13.90	0.4	15.8	8.64	.594	896	N/A	10.05	Slightly cloudy
10-22	1144		14.16	1.0	17.1	9.38	.457	7999	N/A	10.00	Cloudy, Brown
10-22	1154		14.39	1.2	16.6	8.97	.545	331	N/A	10.26	Cloudy
10-22	1204		14.62	1.5	17.0	9.03	.576	354	N/A	10.16	Cloudy
						LAST LINE					

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH) CL
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: 10-22-99 Sample Collection Time: 1208

Prepared by: J. PARKS

* 1103 Stopped pumping had to reconnect hose. 1115 Began pumping again

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INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

Bluegrass Army Depot, Richmond, KY
PROJECT 777693 Contract DACW27-96-D-0034 DO 0016

SITE ID: _____ Well #: WP-SP11-IW03 Sample ID: IW03-GW01

Purging Method/Equipment: Peristoltic Pump Samplers: J. Parks Well Secure (Y/N): Y

Well Casing Diameter: 1 in. Unit Casing Volume (UC): _____ gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.45' **Static Water Level** (Depth to Water): 12.89'

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	DO	Water Description
10-22	1337	12.97	Initial	18.4	7.71	.630	988	N	10.73	Cloudy
10-22	1347	12.96	0.3	17.9	7.74	.559	113	N	11.92	clearing
10-22	1357	12.96	0.8	17.9	7.76	.543	33	N	11.90	clear
10-22	1407	12.97	1.2	17.9	7.74	.528	19	N	11.28	clear
						LAST	LINE			

Date Sampled: 10-22-99 Time Sampled: 1409 Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN CL

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

Bluegrass Army Depot, Richmond, KY
PROJECT 777693 Contract DACW27-96-D-0034 DO 0016

SITE ID: WPAFB
Well #: WP-SP11-IW05
Sample ID: IW05-GW01
Purging Method/Equipment: Peristaltic Pump
Samplers: V. Voisard, J. Parks
Well Secure (Y/N): Y
Well Casing Diameter: 1 in.
Unit Casing Volume (UC): _____ gal.
Target Purge Volume: _____ gal
Sounding (Depth to Well Bottom): 15.25
Static Water Level (Depth to Water): 10.97

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	D.O.	Water Description
10/22	1448	11.28	Initial	17.7	7.95	.653	7999	N	10.32	Gray
10/22	1458	11.26	.5	16.2	7.95	.631	160	N	11.45	
10-22	1508	11.27	1	16.2	7.86	.623	44	N	10.73	clear
10-22	1518	11.25	1.5	16.2	7.86	.619	23	N	9.83	
10-22	1528	11.27	2	16.2	7.85	.615	14	N	10.14	
					LAST LINE					

Date Sampled: 10-22-99
Time Sampled: 1530
Chain-of-custody (COC)#: _____
Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN CL FeMN TALK
QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____
Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~
PRO~~JECT 777693 Contract DACW27-96-D-0034 DO~~ 0016

781791

Page 1 of ___

SITE ID: WPAFB

Well #: WP-SP11-IW08

Sample ID: IW08-GW01

Purging Method/Equipment: Peristoltic Pump

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter : 1 in.

Unit Casing Volume (UC): ___ gal.

Target Purge Volume: ___ gal

Sounding (Depth to Well Bottom): 17.32

Static Water Level (Depth to Water): 10.576

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. MS/cm	Turbidity (NTU)	Dry (Y/N)	D.O.	Water Description
10-22	1559	11.71	Initial	17.2	11.88	1.65	7999	N	10.78	Brown
10-22	1609	14.00	0.2	17.2	12.32	1.40	7999	N	10.51	Brown
10-22	1619	16.14	0.6	16.8	10.92	.387	7999	N	10.44	Brown
10-22	~~1629~~	~~10-22-99~~ 1627	—	—	—	—	—	Y	~~10-22-99~~ 10-22-99	Well went dry

Date Sampled: 10-22-99

Time Sampled: 1700

Chain -of-custody (COC)#: ___

Test Parameters (circle applicable): Tmetals Fmetals (VOC) SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN

QA/QC Samples Collected: None **Dup/Split** ___/___ **MS/MSD** ___/___

Well Condition/Remarks ___

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INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID:

Well #: WP-SP11-MW09

Sample Number: MW09-GW01

Purging Method/Equipment: Micropurge

Samplers Voisard

Well Secure (Y/N) Y Y

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): 12.72 gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.45

Static Water Level (Depth to Water): _____

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description WL
10-21	1021			0	15.1	7.07	823	999		11.51	12.72 silty
	1036			1	15.4	7.25	841	773		10.36	12.78 clearer
	1051			2 1.5	15.1	7.29	876	214		9.98	12.78 clearer
	1106			3 2	15.5	7.34	885	97		10.11	12.75 clear
	1121			4 3	15.7	7.35	885	78		10.15	12.75
	1125	sample									

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH) BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

Cl, Fe, Mn
Total Alkalinity

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: 10-21-99 Sample Collection Time: 1125

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: WP-SP11-MW02 Sample Number: MW02-GW01

Purging Method/Equipment: Micropurge Samplers Voisard Well Secure (Y/N) Y

Well Casing Diameter: 2 in. Unit Casing Volume (UC): _____ gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 21.17' Static Water Level (Depth to Water): 10.62'

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	WL
10-21	0832			0	12.8	7.24	1230	726		9.03	rusty	10.62'
	0847			1	14.6	7.26	1100	326		8.77		11.66'
	0902	8oz/min		2	15.1	7.31	1200	141		9.88		13.05
	0917			2.5	15.8	7.34	1190	75		10.36	clear	14.33
	0932	4oz/min		3.5	16.1	7.48	1120	34		11.70		15.20
	0947			4.5	16.4	7.49	1110	51		11.68		16.18
	0950	Sample										

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH) chloride Fe, Mn Total Alkalinity

BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: 10-21-99 Sample Collection Time: 0950

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT 777097

SITE ID: Micropurge
Purging Method/Equipment: _____
Well #: WP-SP11-MW08
Samplers Voisard
Sample Number: MW08-GW01/05
Well Secure (Y/N) _____
Well Casing Diameter: 2 in.
Unit Casing Volume (UC): _____ gal.
Target Purge Volume: _____ gal
Sounding (Depth to Well Bottom): 31.45
Static Water Level (Depth to Water): 9.54

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	WL
10-21	1520			0	15.2	7.55	1280	999		10.10	cloudy	9.54
	1555			1.5	14.7	7.55	1290	162		10.82		10.78
	1620			3.5	14.8	7.59	1240	58		11.27	clear	10.85
	1635	4oz/min		4.5	14.5	7.57	1260	35		11.43	clear	10.87
	1650			5.5	14.6	7.55	1250	27		11.29	"	10.89
	1705			6.5	14.9	7.55	1260	21		11.27		
	1710	sample										

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

Fe, Mn
CL
TAK.

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____
Sample Collection Date: 10-21-99
Sample Collection Time: 1710
Prepared by: Voisard

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INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT 777097

SITE ID:

Well #: WP-SP11-MW01

Sample Number: MW01-GW01

Purging Method/Equipment: Peristaltic Pump

Samplers Voisard

Well Secure (Y/N) _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 26.25

Static Water Level (Depth to Water): 12.05

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description	WL
10-21	1352			0	15.1	7.60	1090	999		11.92		12.05
	1407			1	14.1	7.46	1120	603		11.93	cleaner	12.18
	1422			2	14.7	7.47	1120	525		11.80		12.06
	1437	8.2 pm	8.2 pm	2.5	14.2	7.40	1120	161		10.99	clear	12.06
	1452			3	14.4	7.43		94		10.66		12.06
	1507											
—	1510	sampled										

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)

BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

CL, Fe, Mn total/Alk.

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: 10-21-99 Sample Collection Time: 1510

Prepared by: VVoisard

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT 777097

SITE ID:

Well #: WP-SP11-MW04

Sample Number: WP-SP11-MW04-GW01

Purging Method/Equipment: Peristaltic Pump

Samplers Norman

Well Secure (Y/N) _____

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.55

Static Water Level (Depth to Water): 11.31

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-21	13:25	250 mL/min		0	17.3	7.20	875	275		10.88	
	13:40	250 mL/min		3.75 L	17.2	7.35	769	170		10.81	1' drawdown - slowed pump down to 1/2 speed.
	13:55	125 mL/min		6.0 L	16.4	7.38	748	237		10.82	
	14:10	125 mL/min		8.2 L	16.5	7.50	736	170		10.84	
	14:25	125 mL/min		10.4 L	16.5	7.47	725	16		10.64	
	14:40	125 mL/min		12.2	16.5	7.58	722	350		9.80	
	14:55	125 mL/min		14.4	16.7	7.51	722	25		9.84	
	15:10	125 mL/min			16.7	7.50	723	50		9.51	

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH) BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: 21-OCT-99 Sample Collection Time: 15:20

Prepared by: Chris Norman

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: WP-SP11-MW05 Sample Number :

Purging Method/Equipment: Micro purge Samplers Voisard Well Secure (Y/N)

Well Casing Diameter : 2 in. Unit Casing Volume (UC): gal. Target Purge Volume: gal

Sounding (Depth to Well Bottom): 18.7 Static Water Level (Depth to Water): 14.23

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-20	1410	802 ppm		0	18.3	7.55	886	117		10.44	
	1419			.5	16.8	7.64	920	92		11.28	
	1426			1	17.1	7.42	875	27		11.18	
	1440			2	17.0	7.48	892	44		10.67	
	1500			3	16.9	7.55	896	49		10.80	
	1520			3.5	18.8	7.70	895	86		11.09	dry
	1540			3.75	16.7	7.74	940	598		11.59	sampled

Test Parameters: Fmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
Total Alkilinity Fe, Mn BTEX (HCl) Chloride Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: MS/MSD: /

Sample Collection Date: 10-20-99 Sample Collection Time: 1514

Prepared by:

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJECT ~~77893 Contract DACW27-95-D-0034, DO 0016~~ 781791

SITE ID: WPAFB

Well #: WP-SP11-MW03

Sample ID: MW03-GW01

Purging Method/Equipment: micropurge

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter : 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 12.12

Static Water Level (Depth to Water): 10.13

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. ~~MS/cm~~	Turbidity (NTU)	Dry (Y/N)	DO	Water Description
11-15	1245	10.13	0	18.3	6.43	276	369	N	8.15	
	1250	10.32	.25	18.9	6.39	271	29	N	7.85	
	1255	10.48	.5	19.2	6.40	271	109	N	7.74	
	1300	10.55	1.	19.4	6.37	271	66	N	7.78	
	1305	10.58	1.5	19.1	6.33	271	37	N	7.89	
	1310	10.61	1.75	19.1	6.34	271	26	N	7.82	
	1315								sampled	

Date Sampled: 11-15-99

Time Sampled: 1315

Chain -of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals (VOC) SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, Total Alkalinity

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJECT ~~777893 Contract DACW27-96-D-0034 DO 0016~~ 781791

Page 1 of 1

SITE ID: WPAFB

Well #: WP-SP11-MW07

Sample ID: MW07-GW01

Purging Method/Equipment: Micropurge

Samplers: VDisard

Well Secure (Y/N): Y

Well Casing Diameter : 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: 20.94 gal

Sounding (Depth to Well Bottom): 22.4

Static Water Level (Depth to Water): 11.75

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. ~~MS/cm~~	Turbidity (NTU)	Dry (Y/N)	Water Description DO
11-15	1145	11.75	0	16.7	6.47	261	21	N	9.80
	1150	12.3	.5	16.4	6.55	258	12	N	9.76
	1155	12.35	1	16.9	6.60	258	11	N	8.77
	1200	12.42	1.25	16.8	6.62	255	11	N	8.38
	1205	12.5	1.75	16.8	6.68	253	11	N	8.20
	1210	12.52	2	16.8	6.67	254	14	N	8.
	1215								sampled

Date Sampled: 11-15-99

Time Sampled: 1215

Chain -of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, Total Alkalinity

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

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INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJECT ~~77699 Contract DACW27-96-D-0054, DO 0016~~ 781791

SITE ID: WPAFB

Well #: WP-SP11-MW08

Sample ID: MW08-GW01

Purging Method/Equipment: Micropurge

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: 43.68 gal

Sounding (Depth to Well Bottom): 31.4

Static Water Level (Depth to Water): 9.23

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. ~~MS/cm~~	Turbidity (NTU)	Dry (Y/N)	Water Description DO
11-15	1045	9.23	0	13.8	6.96	130	76	N	9.63
	1050	10.37	.75	13.8	6.93	128	45	N	9.96
	1055	10.21	1.25	13.8	6.87	127	38	N	9.85
	1100	10.17	1.5	13.7	6.87	126	26	N	9.65
	1105	10.17	2	13.9	6.88	125	17	N	9.66
	1110								sample

Date Sampled: 11-15-99

Time Sampled: 1110

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals (VOC) SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, Total Alkalinit

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJECT ~~77809 Contract DACW27-96-D-0034, DO 0016~~ 781791

SITE ID: WPAFB

Well #: WP-SP11-MW09

Sample ID: MW09-GW01

Purging Method/Equipment: Micro Purge

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter: 2.0 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: 9.84 gal

Sounding (Depth to Well Bottom): 17.43

Static Water Level (Depth to Water): 12.42

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. ~~MB/cm~~	Turbidity (NTU)	Dry (Y/N)	DO	Water Description
11-15	0950	12.42	0	14.7	6.32	109	820	N	8.63	
	0955	12.6	.5	14.9	6.41	108	8	N	8.36	
	1000	12.58	1.5	14.7	6.42	108	5	N	8.34	
	1005	12.58	2	14.7	6.50	109	3	N	8.34	
	1010		2.5						sampled	

Date Sampled: 11-15-99

Time Sampled: 1010

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, Total Alkalinity

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks OEPA - Laurie Marshall sampled for VOC's

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INTERNATIONAL TECHNOLOGY CORPORATION 0

Groundwater Well Development/Purge Log

~~Bluegrass Army Depot, Richmond, KY~~

PROJECT ~~777893 Contract DACW27-96-D-0034, DO 0016~~ 781791

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SITE ID: WPAFB

Well #: WP-SP11-MW05

Sample ID: MW05 - GW01

Purging Method/Equipment: Micro purge

Samplers: Voisard

Well Secure (Y/N): Y

Well Casing Diameter: 2 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: 9.9 gal

Sounding (Depth to Well Bottom): 18.87

Static Water Level (Depth to Water): 13.84

Date	Time 24hr	Dynamic H2O Level (ft)	Volume Purged (gl)	Temp C°	pH	Cond. ~~MS/cm~~	Turbidity (NTU)	Dry (Y/N)	Water Description DO
11-15	0814	13.84	0	14.3	6.07	103	183	N	8.83
	0820	15.25	1	14.9	6.35	101	45	N	8.58
	0830	16.2	1.5	14.5	6.48	102	37	N	8.85
	0840	16.89	2.5	14.7	6.52	102	20	N	8.94
	0850	17.8	3	14.5	6.62	102	308	N	9.32
	0900	18.0	3.5	14.3	6.58	100	999	Y	9.44 dry
									recharged - sample

Date Sampled: 11-15-99

Time Sampled: 0915

Chain-of-custody (COC)#: _____

Test Parameters (circle applicable): Tmetals Fmetals VOC SVOC Pest/PCB Dioxin Prec. Exp. Cl/SO_4 CN Fe, Total Alkalinity

QA/QC Samples Collected: None Dup/Split _____ / _____ MS/MSD _____ / _____

Well Condition/Remarks _____

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INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT 7~~7667~~ 781791

SITE ID: Air Lift
Well #: WP-FAAB-MW07
Sample Number : _____
Purging Method/Equipment: Development Pump ~~Samplers~~ Voisard
Well Secure (Y/N) _____
Well Casing Diameter : 2 in.
Unit Casing Volume (UC): 19.45 gal.
Target Purge Volume: _____ gal
Sounding (Depth to Well Bottom): 22.39
Static Water Level (Depth to Water): 12.51

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-15-99	0906			0	12.2	6.97	702	393		9.88	initial - silty
	0915	1/1		4	14.3	7.69	577	999		8.58	silty
	0925			12	13.7	7.69	950	999		8.48	"
	0935			22	13.8	7.82	872	999		8.95	"
	1000			47	14.4	7.61	792	999		8.57	"
	1035			82	14.4	8.13	1010	999		8.75	clearing
	1145			152	15.1	7.95	1060	677		9.43	
	1230			197	17.9	7.91	1050	999		9.12	10 well volumes

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: WP-FAAB-

Well #: MW08

Sample Number : _____

Purging Method/Equipment: Air Lift Development Pump Samplers Voisard

Well Secure (Y/N) _____

Well Casing Diameter : 2 in. Unit Casing Volume (UC): 43.32 gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 31.42 Static Water Level (Depth to Water): 9.40

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/14/99	1425		~~0~~	0	14.2	8.00	1290	999		9.72	silty
	1434	1/1		5	15.2	8.11	1220	999		8.72	"
	1445			9	13.8	8.15	1250	999		9.56	"
	1500	.5/1		13	14.1	8.11	1250	999		8.87	"
	1515	.25/1		17	14.2	8.49	1250	999		8.82	"
	1545	1		25	14.0	8.61	1240	796		9.36	silty
	1645	1		41	14.0	8.62	1246	10		10.18	clearer

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH

PROJECT ~~777097~~ 781791

Page 1 of 1

SITE ID: WP-FAAB-

Well #: MW09

Sample Number :

Purging Method/Equipment: Air Lift Development Pump

~~Samplers~~ Voisard

Well Secure (Y/N)

Well Casing Diameter : 2 in.

Unit Casing Volume (UC): 2.33 gal.

Target Purge Volume: gal

Sounding (Depth to Well Bottom): 17.79

Static Water Level (Depth to Water): 12.71

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV) mS	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-14	1045			0	18.4	7.87	92	999		10.78	silty
10-14	1115	.25/1		1	17.3	8.06	80.3	764		10.82	silty
	1129			3	17.7	8.31	84.2	629		10.47	silty
	1144			7	18.8	8.36	83.1	999		10.47	silty
	1204			10	18.7	8.26	82.6	790		13.25	"
	1220			14	18.4	8.12	84.0	999		11.66	"
	1240			19	18.7	8.20	843	999		10.41	"
	1300			24	18.3	8.53	844	999		10.90	10 well volumes (silty)

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)

BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: MS/MSD: /

Sample Collection Date: Sample Collection Time:

Prepared by:

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INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: WP-FAAB-IW01 Sample Number : _____

Purging Method/Equipment: Peristolic Pump Samplers Voisard Well Secure (Y/N) _____

Well Casing Diameter : 1.5 in. Unit Casing Volume (UC): 8.22 gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.20 Static Water Level (Depth to Water): 13.06 1/2 : ~~10.99~~ 15.13

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-18-99	0902			0	5.4	11.24	907	999		13.08	
	0911	1g = 3min		3	12.8	8.53	945	999		8.36	
				3.5						—	recharging
	1457			3.5	15.8	7.60	1390	999		11.16	50% recharge
	1514			7.0	15.8	8.25	1520	999		10.68	
				Dry							recharging
10-19-99	0905			0	6.8	8.91	823	999		11.36	100% recharge
	0909			8	10.6	8.86	544	999		8.91	
	0913			9	12.9	8.05	883	851		8.43	
				10							
	0928			DRY							finished

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

hnu pid- 0.0 bkg
0.1 ppm

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: WP-FAAB-IW02 Sample Number : _____

Purging Method/Equipment: Peristolic pump ~~Samplers~~ Voisard Well Secure (Y/N) _____

Well Casing Diameter : ~~2~~ 1.5 in. Unit Casing Volume (UC): 2.37 gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.86 Static Water Level (Depth to Water): 13.00 1/2 = 15.93

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-15	1300	1/1		0	18.4	8.27	671	999		8.52	silty
10-15	1306	1/4/1		3	19.4	8.12	856	404		8.89	
											recharging
10-18	1000			0	13.6	7.78	1110	597		7.95	
	1004	.25		4.5	13.2	7.98	1070	148		8.28	
	1012			~~7~~ 6	10.5	7.73	1550	999		9.68	- dry
											recharging
10-19	0942			0	7.0	8.34	752	999		12.14	recharged 50%
	0945			7	11.5	8.11	610	999		9.31	
	0955			9	12.7	7.84	846	999		8.90	
				DRY							finished

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT 777097

SITE ID:

Well #: WP-FAAB-IW03

Sample Number : _____

Purging Method/Equipment: Peristaltic pump

Samplers Voisard

Well Secure (Y/N) _____

Well Casing Diameter : 1 in.

Unit Casing Volume (UC): 2.19 gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.43

Static Water Level (Depth to Water): 12.91

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-15-99	1455			0	22.2	7.43	675	861		11.02	Silty
	1510	.25	~~1.4/5~~	4	24.2	7.69	571	999		9.82	
	1523	.50	~~.25~~	10	20.6	7.72	574	999		11.28	
	1544	.25		15	20.4	7.84	543	999		11.56	
				22	21.8	8.25	591	999		10.87	10 well Volumes

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID:

Well #: WP-FAAB-IW04

Sample Number : _____

Purging Method/Equipment: Peristaltic Pump

~~Samplers~~ Vbisard

Well Secure (Y/N) _____

Well Casing Diameter : _____ in.

Unit Casing Volume (UC): 6.72 gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 13.40

Static Water Level (Depth to Water): 9.98

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/18/99	1305			0	~~7.21~~ 13.8	7.21	1330	999		12.32	
	1312			2.5	15.4	7.48	923	999		10.31	
	1324			5	16.4	7.28	929	999		9.48	
	1340			10	16.4	7.50	928	301		9.31	
	1350			13	16.7	7.54	938	150		9.28	
	1355	1/1		18	17.0	7.46	919	166		9.28	
	1412			22	16.9	7.52	950	50		9.86	
	1428			27	16.9	8.66	912	61		10.34	
	1439			30.5	16.2	7.44	960	13		9.45	finished

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)

BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781

SITE ID:

Well #: WP-FAAB-IW05

Sample Number : _____

Purging Method/Equipment Peristaltic Pump ~~Samplers~~ Voisard

Well Secure (Y/N) _____

Well Casing Diameter : 1.5 in.

Unit Casing Volume (UC): 12.34 gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.24

Static Water Level (Depth to Water): 10.95

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-18	1103			0	12.0	7.96	1120	999		11.32	
	1106			1.5	15.2	7.53	1150	999		9.54	
	1112			3.5	15.2	7.65	1130	999		9.22	
	1118			5	15.6	7.63	1110	999		8.99	
	1130			6							recharging
	1300			7	17.6	7.60	1060	999		9.97	wl - 10.98 100%
	1309			10	14.8	7.77	1060	999		10.44	
				dry						—	recharging
	1334			11	16.5	7.46	1040	999		9.35	
	1345			14.5	16.9	7.57	1040	379		9.36	finished
	1353			DRY							

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH) BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID: Well #: WP-FAAB-IW06 Sample Number : _____

Purging Method/Equipment: Peristaltic Pump ~~Samplers~~ Voisard Well Secure (Y/N) _____

Well Casing Diameter : 1.5 in. Unit Casing Volume (UC): 13.99 gal. Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.30 Static Water Level (Depth to Water): 10.22

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10/18/99		1425		0	16.3	10.48	510	999		10.70	
		1433		2	15.6	8.18	847	999		10.43	
		1441		4	15.7	7.60	912	999		9.69	
		1450		7	16.5	7.86	925	999		9.87	
		1500		11	17.4	7.67	931	999		10.65	
		1509		15	16.0	7.72	950	999		10.80	
		1525		23	16.3	7.25	923	345		9.94	
		1535		27	16.4	7.54	923	201		9.72	
		1553		35	16.7	7.65	910	135		9.77	
		1606		43	16.3	7.66	912	57		11.22	
		1625		51	15.9	7.26	908	25		10.79	finished

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)

BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

0.2 6kg
0.6 PPM

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

SITE ID:

Well #: WP-FAAB-IW07

Sample Number : _____

Purging Method/Equipment: _____

~~Samples~~ Voisard

Well Secure (Y/N) _____

Well Casing Diameter : 1.5 in.

Unit Casing Volume (UC): _____ gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 16.20

Static Water Level (Depth to Water): _____

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-8	1020										DRY

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)

BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

0.2 b
0.6 PPM

INTERNATIONAL TECHNOLOGY CORPORATION

Groundwater Well Development/Purge Log

WPAFB/ Fairborn, OH
PROJECT ~~777097~~ 781791

Page 1 of ___

SITE ID:

Well #: WP-FAAO-IW08

Sample Number : _____

Purging Method/Equipment: Peristaltic Pump

Samplers _____

Well Secure (Y/N) _____

Well Casing Diameter : 1.5 in.

Unit Casing Volume (UC): ~~[illegible]~~ 19.95 gal.

Target Purge Volume: _____ gal

Sounding (Depth to Well Bottom): 17.30

Static Water Level (Depth to Water): 7.16

½ = 12.23

Date	Time (24hr)	Purge Rate (gal/min)	Dynamic H2O Level (ft)	Volume Purged (gal)	Temp (C°)	pH	Cond. (mV)	Turbidity (NTU)	Redox (mV)	DO (mg/L)	Water Description
10-18	1059			0	13.9	12.18	3350	999		10.09	
↓	1130			1							recharging
10-19	0845			0	3.1	8.35	628	999		14.73	has recharged 50%
	0859			1	7.0	10.36	415	999		11.47	silty
	0930			2.5							DRY
				DRY							recharging

Test Parameters: Tmetals (HNO_3) Fmetals VOC (HCl) SVOC Pest/PCB Dioxin/Furans NH_3 (H_2SO_4) CN (NaOH)
BTEX (HCl) Sulfate/Nitrate Methane/Ethane/Ethene (no preserv) TPH/DROExtra

QA/QC Samples Taken (Circle Applicable): None Duplicate/Split: _____ MS/MSD: _____ / _____

Sample Collection Date: _____ Sample Collection Time: _____

Prepared by: _____

7:45Am overcast - 65° 9/28/99 Tues

7:45 arrived at visitor's center the mobile lab is here.

8:00 Darryn Warner has arrived - have sent him to take lab vehicle back to get set up.

0810 AST has arrived on site Tim Setty is the driller

0845 Chris Norman has arrived we will now proceed to SP 11 and set up

0910 AST - setting up decon area

1000 Paul McCaren now on site has gone to the mobile lab to see if set up is complete. A call has been made to B Sorile to get the Health + Safety Plan set up here. AST will go into town to get a generator & power sprayer for decon area.

1200 break for lunch

1300 Chris Norman called and reports will be generated at 11:00Am and 1600 from lab Paul conducted Site Safety Health Plan

1400 soil samples from 1st boring

Sample NO.	Depth	Time
WP-FAAB-SB01-SS01,	0.0-0.5',	1100
WP-FAAB-SB01-SS02,	4'-8',	1115

water sample

WP-FAAB-SB01-GW01 - 2 Voa's at 1400

ph,	Turb,	Temp.	Cond
7.69	804	24.0	.760

9/28/99

1430 Starting SB02

Soil samples

	DEPTH	TIME
WP-FAAB-SB02-SS01	4'-8'	1445
" " " SS02	0.0-0.5'	1430

Water sample

1505 WP-FAAB-SB02-GW01, 2 VOA's @ 1505

pH	turb	Temp	Cond
7.33	490 ~~.568~~	27.0	.568

1605 taking 1 more water sample at 20'-24' depth

WP-FAAB-SB02-GW02, 2 VOA's at 1605

pH	turb	Temp	Cond
7.33	999	26.3	1.19

1625 starting SB03

Soil Samples

	DEPTH	TIME
WP-FAAB-SB03-SS01	4-8	1650
" - " - " -SS02	0.0-0.5'	1630
WP FAAB-SB03-GW01, 1715	12'-16'	

pH	Temp	turb	Cond
7.55	25.7	479	.544

1740 terminated boring at 20'

1800 left site to return to Cincinnati

VdV

9/28/99

	Time
8'	1445
0.5'	1430

@ 1505
Cond
.568
ple at

's at 1605
Cond
1.19

TIME
1650
1630
12'-16'

Cond
.544
0'
to

68° cloudy 9/29/99 Wed

0745 on site
calibrate Horiba U-10 Model# 3113

pH	Cond	Turb	DO
~~3.92~~ 4.00	4.49 mo/cm	0	8.55 mg

Auto-Cal Solution ph 4.000, 0.0 NTU
Exp 8-4-2001 4.49 mS/cm Lot# 1994
HNU DL-101 ← model serial# 367049
Cal 81.7
Isobutylene 100 ppm Lot #57867
Span 6.3 82ppm benzene
0835 Tailgate Safety meeting - weather - rain + lightening
0850 started SB04

	DEPTH	TIME
WP-FAAB-SB04-SS01	0.0-0.5'	0850
" " " SS02	4'-8'	0900

0915 water sample - WF-FAAB-SB04-GW01 (0915) 12'-16'

pH	Con	Turb	Temp
7.10	94,400	999	18.3

0920 LEL 0 O_2 20.7 mounted on truck
0945 SB05 started (LEL 0 O_2 20.7)
set up, waiting to use decon area.
1015 drilling has started on SB05

	DEPTH	Time
WP-FAAB-SB05-SS01	0.0-0.5'	1020
" " " SS02	0.5-4'	1025
* " " " SS52	0.5-4'	1025
WP-FAAB-SB05-GW01	12-16'	1040
* " " " -GW51	12-16'	1040

pH	Con	Turb	Temp
7.31	92100	389	20.2

* = duplicate
1055 boring terminated at 22'
1115 SB06 started (LEL 0 O_2 20.7)
Sherman Siegal stopped by
gave him a copy of Health/Safety Plan

9/29/99

	DEPTH	TIME
WP-FAAB-SB06-SS01	0.0-0.5'	1120
WP-FAAB-SB06-SS02	0.5'-4'	1122
WP-FAAB-SB06-GW01	8'-12'	1215

1225 light rain starting

pH	Cond	Turb	temp
7.21	95900	677	19.5

SWL 8.5' depth 11.6'

1300 boring terminated at 20'
hnu is not working correctly
Paul McCarren is getting a
replacement at HAZCO

1315 break for lunch

1415 Start SB07 - raining

	DEPTH	Time
WP-FAAB-SB07-SS01	0.0-0.5'	1415
WP-FAAB-SB07-SS02	0.5'-4'	1418
WP-FAAB-SB07-GW01	8-12'	1440

pH	cond	turb	temp
7.51	63700	999	16.4

1445 photo #5 SB07

1530 started SB08, we are now in
the fenced area

1550 photo #6 SB08
refusal at 9' retry 3' east of
original start

	DEPTH	Time
WP-FAAB-SB08-SS01	4-8'	1600
" - " - " - SS02	8-12	1610
" - " - " - GW01	12-16'	1620

pH	cond	turb	temp
7.38	53300	695	15.2

1635 SB08 terminated at 24'

1715 leaving site for Cincinnati

[illegible]

9/29/99

DEPTH	TIME
0.0-0.5'	1120
1'-4'	1122
8'-12'	1215

temp
19.5

0'
correctly
ting a
-co
ing

DEPTH	Time
0.0-0.5'	1415
0.5'-4'	1418
8-12'	1440

- mp
16.4

now in

east of

TH	Time
-8'	1600
-12	1610
-16'	1620

temp

50° 9-30-99 Thurs.

0750 on site
calibrate HNU model DL-101
serial #467049
isobutylene 100 ppm Lot 57867
span 6.3 (benzene)
read 82
calibrate Horiba U-10
auto cal solution lot #1994

pH	cond	turb	do
3.95	4.52	10	10.68

0825 tailgate safety meeting - working in uneven graveled area

0850 start SB09 - Paul McC. is getting results from SB08 (hot)

	DEPTH	TIME
WP-FAAB-SB09-SS01	0.0-0.5'	0850
WP-FAAB-SB09-SS02	0.5-4'	0852
WP-FAAB-SB09-GW01	12'-16'	0920

pH	cond	turb	temp
6.69	62100	999	14.6

0940 SB09 terminated at 24'

1000 SB10's location has been changed to 20' N of SB08 and SB11 has been added 25' E of SB08

	DEPTH	TIME
WP-FAAB-SB10-SS01	4'-8'	1035
WP-FAAB-SB10-SS02	8'-12'	1040
WP-FAAB-SB10-GW01	12-16'	1130

pH	cond	turb	temp.
7.91	57200	577	17.4

1025 photo #7 - SB10 new location
1026 photo #8 - SB11 through concrete pad
1030 SB10 drilling has started
LEL 0 O_2 20.7
1150 photo #9 Paul McCarren & Sherm Siegal
1200 SB10 Terminated at 24'

9-30-99

1215 break for lunch

1400 coring through concrete pad for SB11

1405 photo # 10 coring through cement Pad, Tim Setty & Darryn Warner

1420 starting SB11 on concrete pad 6" thick, LEL-0, O_2-20.7 soil and water samples

	DEPTH	TIME
WP-FAAB-SB11-SS01	4'-8'	1425
WP-FAAB-SB11-SS02	0.5'-4'	1420
WP-FAAB-SB11-GW01	12'-16'	1500

pH	cond	turb	temp
7.94	43300	579	25.3

1535 boring terminated at 24' packing up site

1600 leave for Cincinnati office

VAV

9-30-99

h

r-crete pad

through

ty & Darryn Warner

concrete pad

O2-20.7

mples

DEPTH	TIME
4'-8'	1425
0.5'-4'	1420
12'-16'	1500

+24'

ti office

7

55° sunny 10-1-99 Fri

0750 arrived on site. Paul McCarren will meet drillers at gate and get gate passes for them

0850 Paul McC. arrived and we went over todays agenda and made a list of equipment that needs to be ordered for next week. Paul has gone to the lab to get results.

1000 FORE drilling Co., AST & Darryn have arrived on site, the site safety plan was gone over and signed by FORE drillers, Robert Bender and Terry Melton

1100 Sherm Siegal, Treba Bashore and Kim Ehret are on site Paul McC. went over lab analysis concentrations with them in reference to the placement of the soil borings and upcoming installation of the 3 MWs.

1200 Bill Scovile + Rajib S have gotten to the site, going over lab analysis.

1300 break for lunch

1400 water levels in area

MW01	12.11
MW02	9.52
MW03	10.71
MW04	10.72
MW05	12.92

1500 drilling crew is deconing drill rig, decon area is set up, supplies have been unloaded. Area is being cleaned up and readied for Mon morn.

1600 left site for IT office in Cincinnati. Paul McCarren will pick up Hazcd order on Mon. (10-4) morning.

RJV

deconing
area is
have
area is
and
morn.
T office
Paul McCarren
Lazco order
ning.

Mon Oct 4, 99

cloudy, lt rain, 56°

0800 calibrate Horiba U-10
auto-cal solution lot #1994

pH	cond	turb	do
4.13	450	3	9.95 mg/l

calibrate hnu model DL-101
serial # ~~467049~~ VLV 367049
isobutylene 100 ppm Lot # 57867
span 6.3 (benzene), read 82 ppm

0915 Paul McCarren called, waiting for John McBride at entry gate. Drillers getting rig set-up for 1st MW.

1015 starting WP-S11-MW07

	DEPTH	Time
WP-SP11-MW07-SS01	4'-8'	1025
WP-SP11-MW07-SS02	8'-12'	1040

WP-SP11-MW07-GW01 - will also be taken after the well has been developed

1050 Paul McCarren, John McBride and Greg Plumonden have arrived onsite

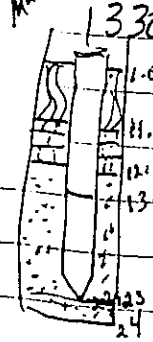
	DEPTH	TIME
WP-SP11-MW07-GW01	12'-16'	1105

ph	cond	turb	temp
6.90	60000	334	16.6

John McBride, geologist, starting on SB12, Tim Sitty, AST, geoprobe operator

MW07 1230 break for lunch

1330 drillers to set screen 13'-23'
benite chips bottom-up to 24'
then 1 ft sand before screen goes in. Sandpack 6" above riser, 1 ft bentonite chips, followed by cement grout, flush mount



Oct 4, 99

1600 H_2O sample taken from potable (on-site) water
1601 photo #11 drillers mixing cement mu
1602 photo #12 bailing SB13
1700 decon of geoprobe & HSA rig going on
- John McBride - SB12, SB13

		depth	Time
SB12	WP-FAAB-SB12-SS01	0-4'	
	WP-FAAB-SB12-SS02	4-8'	1140
	WP-FAAB-SB12-SS03	8-12'	1149
	WP-FAAB-SB12-GW01	12-16	1330

pH	cond	turb	temp
7.69	57500	999	14.1

		DEPTH	TIME
SB13	WP-FAAB-SB13-SS01	0-4'	1438
	WP-FAAB-SB13-SS02	4-8'	1440
	WP-FAAB-SB13-SS03	8-12'	1449
	WP-FAAB-SB13-SS04	20-22'	1520
	WP-FAAB-SB13-GW01	28'	1615

pH	cond	turb	temp
7.27	14300	999	14.1

1730 leaving site for Cincinnati
will pick-up more baggies and paper towels

DV

Oct 4, 99

from
water
rs mixing cement mo
SB13
e & HSA rig

SB12, SB13

depth	Time
0-4'	
4-8'	1140
8-12'	1149
12-16	1330

b temp
99 14.1

DEPTH	TIME
0-4'	1438
4-8'	1440
8-12'	1449
20-22'	1520
8'	1615

temp
14.1
incinnati
e baggies

Tues. Oct 5, 99
50°F cloudy
0745 on site
0815 Tailgate Safety - Pinch Points
0820 calibrate Horiba U-10
auto cal solution lot #1994

pH	cond	turb	do
3.94	45700	0	10.42

calibrate HNU model PL-101
serial # 367049
isobutylene 100 ppm Lot #57867
span 6.3 (benzene) read 82 ppm
John McBride / Tim Setty - SB14

	DEPTH	TIME
WP-FAAB-SB14-SS01	0-4'	0902
WP-FAAB-SB14-SS02	4'-8'	0905
WP-FAAB-SB14-GW01	14.1'	0920
WP-FAAB-SB14-GW02	20'	0955
WP-FAAB-SB14-GW03	26'-28'	1039
WP-FAAB-SB14-SS03	8'-12'	0910

1033 photo #13 MW08 20' North of MW10 (which was abandoned)
waiting on Sherm S. to arrive with layout of utilities - a question has arisen if electrical has all been marked in the area of MW10
SB14 water results - Horiba

~~GW01~~	pH	cond	turb	temp °C
GW01	7.00	557	999	14.1
GW02	7.34	806	999	15.1
GW03	7.59	114	941	16.6

1048 Sherm Siegel has arrived with blue prints of area - personal here 1230
1200 break for lunch
1240 area has been cleared for electrical buried lines

Tues Oct 5, 99

1320 mw08 has been started LEL-0, O2-20.7

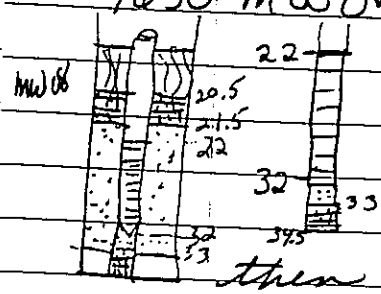
	DEPTH	TIME
WP-SP11-mW08-SS01	0-4'	1320
WP-SP11-mW08-SS02	12'-16'	1430
WP-SP11-mW08-GW01	27'-27.5'	1540

pH	cond	turb	temp
7.48	125	999	19.7

1615 MW08 drilling terminated at 34.5' bedrock

SB15 is complete and SB16 is ongoing at present time

1630 MW08 - setting well screen 22'-32'



1' sand 32'-33', bentonite pellets 33'-34.5'

sand 6" above screen filter

1' bentonite chips above sand then 94/5 cement grout - flush mount

1700 results from SB15

WP-FAAB-GW01-SB15-	15'-16'	1425
WP-FAAB-SB15-GW02-	27'-28	1452

GW01	pH	cond	turb	temp
	7.17	.949ms	730	19.3
GW02	7.20	1.27ms	999	15.4

WP-FAAB-SB15-SS01	8-12'	1545
WP-FAAB-SB15-SS02	0	0
WP-FAAB-SB16-SS02	12'-16'	1634

1805 setting screen MW08

WP FAAB-SB16-SS01 8-12 1730

1900 left site (Vick V.) Paul McCarren staying on site with drillers

VZV

Oct 5, 99

started LEL-0, O_2-20.7

DEPTH	TIME
0-4'	1320
12'-16'	1430
27'-27.5'	1540

rb	temp
9	19.7

minated at

and SB16

esent time

vell-screen 22'-32'

'-33', bentonite

'- 34.5'

bove screen frisco

chips above sand

grout-flush

S

15'-16'	1425
27'-28	1452

urb	temp
730	19.3
999	15.4
8-12'	1545
0	0
12'-16'	1634

8

8-

l

d

50°F clear, sunny Oct 6, 99 Wed

0745 on-site

0815 Tailgate Safety meeting - drill rig area, pinch points

0820 calibrate Horiba U-10

auto cal solution lot #1994

pH	cond	turb	do
3.99	450	0	10.12

calibrate Hnu model DL-101

serial # 367049

isobutylene 100ppm Lot# 57867

span 6.3 (benzene) read 82ppm

0830 MW08 sandpack is being put in now to 6" above screen, followed by 1' bentonite pellets then 94/5 grout mixture

SB17 has started - JMcBride, T. Setty, D Warner.

calibrate LEL/O_2 CMX271 (model #)

serial # 9506005-046 LEL-0, O_2-20.7

Pentane, concentration 0.75%, Lot# 55799

		DEPTH	TIME
0905	WP-FAAB-SB17-GW01	15'-16'	0905
SB17	WP-FAAB-SB17-GW02	24'-25'	0940

	pH	cond	turb	temp °C
GW01	6.3	109	206	15.7
GW02	7.87	81.1	610	14.5

WP-FAAB-SB17-SS01 12'-16' 0900

1050 drillers have mob to decon area from MW08.

GeoCleanse has arrived on site and has given the okay to used stainless steel casing in MW09.

1130 Chris Norman from IT Corp has arrived on site. Paul McCarren is plotting analysis from borings

Wed 10-06-99

1200 lunch break

1300 SB18 has been started

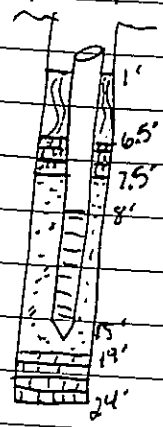
1355 MW09 - drillers are starting

photo # 14 MW09 rig setup

LEL-0, O_2-20.7

	DEPTH	TIME
WP-SP11-MW09-SS01	8-12'	1425
WP-SP11-MW09-SS02	4-8'	1415
WP-SP11-MW09-GW01	14'	1515

MW09



pH	cond	turb	temp
7.01	81.3	999	17.8

WP-SP11-MW09-GW02 20' 1615

pH	cond	turb	temp
7.44	88.0	405	16.3

will set screen 8'-18'

sand pack 18-19' (total 7.5'-19')

bentonite pellets 19-24'

1600 MW09 - boring terminated at 24'

results from Soil Borings

		DEPTH	TIME
SB16	WP-FAAB-SB16-SS01	12-16'	1634 10-5
	" - " - " -GW01	18-20'	1700
	" - " - " -GW02	26-28'	1742

	pH	cond	turb	temp °C
GW01	7.17	1.50 ms	393	15.7
GW02	7.36	1.33 m	942	14.8

		DEPTH	TIME
SB17	WP-FAAB-SB17-SS01	12-16'	0900
	" - " - " -GW01	15-16'	0905
	" - " - " -GW02	24'-25'	0940

	pH	cond	turb	temp °C
GW01	6.3	1.09 ms	206	15.7
GW02	7.87	0.811 ms	610	14.5

		DEPTH	Time
SB18	WP-FAAB-SB18-SS01	0-4'	1332
	" - " - " -SS02	4-8'	1335
	" - " - " -SS03	8-12'	1344

10-06-99

started
are starting
rig setup

DEPTH	TIME
8-12'	1425
4-8'	1415
14'	1515

temp
17.8

20' 1615

temp
16.3

18'
19' (total 7.5'-19')
24'

ated at

Borings

DEPTH	TIME
-16'	1634 10-5
-20'	1700
-28'	1742

temp °C
15.7
14.8

DEPTH	TIME
-16'	0900
-16'	0905
-25'	0940

Wed 10-06-99

WP-FAAB-SB18-SS04 12-16' 1349
" - " - " -GW01 16-18' 1411
" - " - " -GW02 23-28' 1448

	pH	cond	turb	temp °C
GW01	7.97	0.49 ms	272	19.6
GW02	7.44	1.20 ms	999	19.3

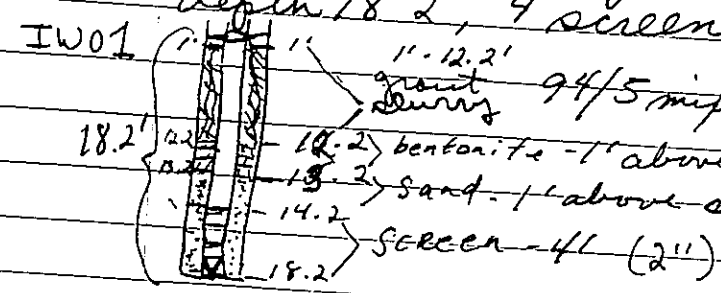
		DEPTH	TIME
SB19	WP-FAAB-SB19-SS01	0-4'	
	" - " - " - SS02	4-8'	
	" - " - " - SS03	8-12'	
	" - " - " - SS04	12-16'	
	" - " - " - GW01		1615

	pH	cond	turb	temp
GW01	7.07	1720 ms/cm	478	18°C

1700 MW09 - screen 8'-18'
sand 18'-19', bentonite 19'-24'
sand 6" above screen, 1' bentonite
above sand, 94/5 grout up
1825 have finished setting MW09
1850 leaving site - all gates
are locked

VJV

Thurs. Oct 7, 1999
48°F, overcast, breezy
0750 on-site
calibrate Horiba U-10
autocal solution lot #1994
pH 4.01 cond 4.53 mS/cm turb 0 do 10.63
calibrate Hnu model DL-101
serial # 367049
isobutylene 100ppm Lot # 57867
span 6.3 (benzene) read 82ppm
0845 marked 7 of the 8 injection well sites
0850 Tailgate safety meeting - securing items on vehicles when mob to another site
0910 decon taking place, Paul McC. has gone to lab to check on results
1005 rig setting up for 1st injection well (WP-FAAB-IW01-GW01) over drill SB10
water sample only - not at this time
depth 18'2, 4' screen,

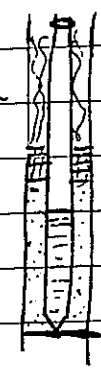


3½ bags sand #4
1135 hydrating bentonite pellets
1230 injection well is set
1245 break for lunch
1415 start on 2nd injection well
WP-FAAB-IW02, over drilling SB08
this well will have a 5' screen in it.

Oct 7, 1999
elzy
-
-10
ot #1994
do 10.63
del DL-101
Lot #57867
ead 82ppm
jection well
meeting-
hicles when
Paul McC.
heck on results
jection well
SB10
ot at this time
ture
sand
creen (13.2'-18.2')
lets

Thurs Oct 7, 99 17

1505 photo # 15 - fitting 5' screen to riser (end cut + threaded) Sherm Seigal & Timothy Smith (USAF) visited site. Gone over where chemicals from Geocleanse will be stored.

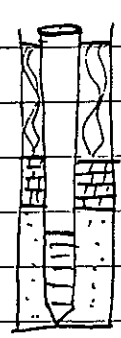


1.0' - 11.7' 94/5 grout/slurry mixture
1' bentonite pellets
1' sand above screen (12.7' - 18.7')
5' screen (2")

1605 well - WP-FAAB-IW02 now installed

1620 begin WP-FAAB-IW03 - will pull duplicate soil samples from this boring

		DEPTH	TIME
WP-FAAB-IW03 -	SS51 / SS01	4-8'	1635
WP-FAAB-IW03 -	SS52 / SS02	8-12'	1640



1.0' - 12.18' 94/5 grout/slurry mixture
12.18 - 1' bentonite pellets
13.18' - #4 sand - 1' ft above screen
4' screen (2")

1750 now putting in bentonite pellets - will hydrate 15 min.

1805 mixing grout 94/5 mixture

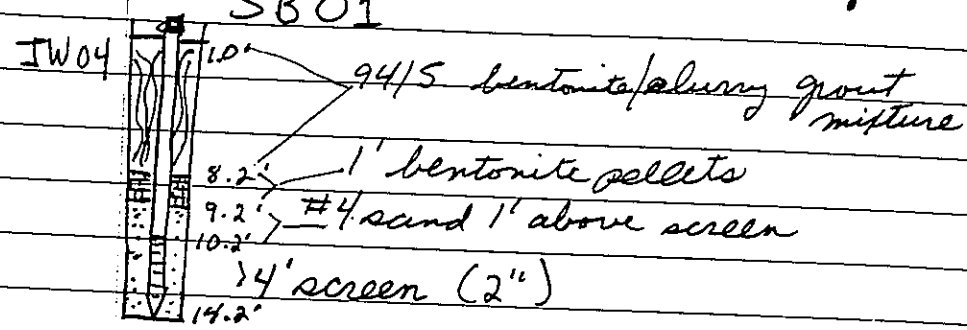
1820 finished IW03

1850 leaving area - all gates secured

VLV

Fri Oct 8, 1999

0755 on-site
calibrate Hnu model DL101
serial #467049
isobutylene 100 ppm Lot# 57867
span 4.3 (benzene) read 82
0830 Tailgate Safety meeting -
decon of augers + spoons + rig
taking place now
photo # 16 - decon pad
0915 WP-FAAB-IW04 - overdrill of
SB01



1015 casing in - hydrating bentonite
pellets
1050 finished setting IW04 - will
now decon rig & augers
1125 starting IW05
1155 photo # 17 IW05 drilling

	DEPTH	TIME
WP-FAAB-IW05-SS01	4-8'	1145
" - " - " -SS51*	4-8'	1145
" - " - " -SS02	8-12'	1150
" - " - " -SS52*	8-12'	1150
" - " - " -GW01	12-14'	1255

*duplicate

	pH	cond	turb	temp
GW01	7.06	122	999	17.2°C

boring terminated at 16' - will
have a 5' screen placed in it.
1300 LEL - 0 O_2 - 20.7

Oct 8, 1999

del DL101

om Lot# 57867
e) read 82
eeting -
spoons + rig
w
pad
erdrill of

slurry grout mixture
eets
screen

ng bentonite

4 - will
gers

drilling

DEPTH	TIME
4-8'	1145
4-8'	1145
8-12'	1150
8-12'	1150
12-14'	1255

temp
17.2°C
6' - will
n in it.
7

Fri Oct 8, 99

Paul McCarren sampled MW09 and MW07

MW09 SWL - 12.77
depth - 17.44

MW07 SWL - 12.75
depth - 22.4

IW05

1.0' 94/5 slurry/grout mixture
9.1 1' bentonite pellets
10.1 #4 sand 1' above screen
11.1
5' screen (2")
16.1

1410 finished IW05
1430 break for lunch
clean-up of entire area
1630 left for IT office in Cincinnati - gave 2 amber liters to Rajib S. and paper work to B Scovile. Turned in paperwork to Joe Tyburski

VLV

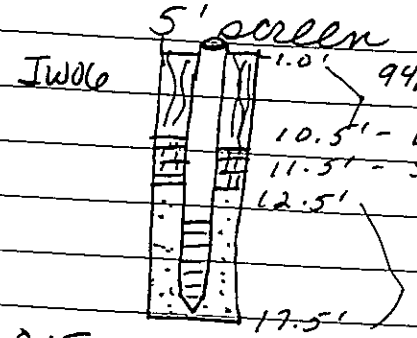
Mon Oct 11, 99
57°F breezy
0815 Tailgate Safety meeting
calibrate Horiba U-10
auto cal solution lot #1994
pH cond turb do
4.05 4.47mS/cm 0 10.31
calibrate hnu model DL 101
serial # 467049 isobutylene 100ppm
Lot # 57867, span 6.3 (benzene) read 82
0850 starting to augur IW06 - will
not use split spoon till we
reach 10'
0900 photo # 18 - IW06

	DEPTH	TIME
WP-FAAB-IW06-SS01	11'	0920
WP-FAAB-IW06-GW01	12'	0930

collected 3 samples for Harold at
Geo Cleanse (11', 12' and 17-18')

pH	cond	turb	temp
7.51	61.3	999	18.5°C

1005 called Harold Blaine at Geo Cleanse
5' screen - set 12.5'-17.5'



1015 pipe being cut & threaded for screen
Chris Norman stopped by this
morning (0900) through Coolers
and sample bottles
1045 setting screen + riser in IW06
injecting slurry/grout into the
1137 well
1200 well is now set onto decon pad

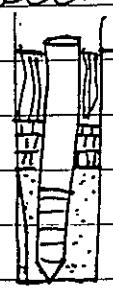
Oct 11, 99

mon

1230 lunch
1345 mob to IW07
1410 photo #19 IW07
drilling down 10' before any samples will be taken
LEL-0.0, O_2-20.7

	DEPTH	TIME
WP-FAAB-IW07-SS01	10'-12'	1435
WP-FAAB-IW07-GW01	⊖	⊖

pH cond turb temp °C
water was encountered at 13.5'-14' but was pinch out - no sample collected.
1600 Called Harold at Geo Cleanse will set screen (4') 17'-13'



1640 bentonite pellets in & hydrated
1730 mob to decon pad
1800 gates secured - leaving for Lincy

VAV

60°F clear

Tues Oct 12, 99

0750 on site
0830 Tailgate Safety meeting
0845 mob to IW08 - N of MW03
calibrate Horiba U-10
auto cal solution lot #1994

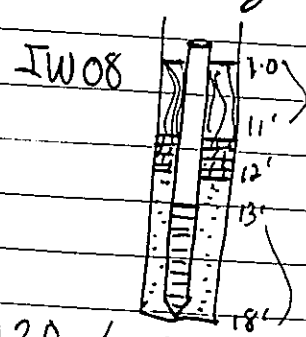
pH	cond	turb	do
3.99	447	1	10.07 mg

calibrate HNU model DL101
serial #57867, isobutylene 100ppm
Lot #467049, span 6.3 (benzene)
82 read
0910 starting to auger IW08
will drill down to 10' before
any samples are collected

	DEPTH	TIME
WP-FAAB-IW08-SS01	10-12'	0935
WP-FAA3-IW08-GW01	13.5-14'	1020

pH	cond	turb	temp °C
7.43	64.8	999	18.7

1030 have called Harold Blaine at
Geo Cleanse - will set screen
from 13'-18' (5') (2")
1105 setting screen into hole



1130 hydrating bentonite pellets
well has been grouted.
1220 Mob to decon pad
1230 Break for lunch
a change in plans for soil
borings that were to be grouted

Oct 12, 99

of MW03
10
#1994

ng
L101
lene 100ppm
3(benzene)

IW08
10' before
collected
EPTH, TIME
0-12' 0935
3.5-14' 1020
ap °C
18.7
Blaine at
et screen
")
hole

ny / grout
bove sand
creen

Lues Oct 12, 99 23

SB07, SB03 and SB04 will be converted to vent wells - materials for construction will be as followed: 10 slot, 10' PVC screen & schedule 40 - 2" PVC riser #4 sand 1' above screen, 1' bentonite pellots above sand then 94/5 bentonite slurry / grout mix - risers will be left standing above ground & capped till further instruction from Geo Cleanse. One additional Vent well will be placed in the concrete pad area - 15' east of IW02, in addition, two vent holes will be cut through the concrete pad. Locations shall be 15' North & 15' South of the 4th vent well.

1400 mob to SB02 - will overdrill soil boring down 10' then filled with slurry / grout mixture

1515 finished grout in SB02. will now mob to SB12 Rig & truck have become hung up in the gravel

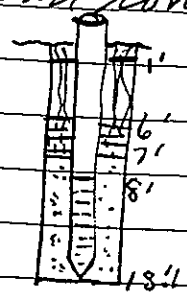
1545 will now start the overdrill of SB12 to 10' and fill in with bentonite slurry / grout

1630 finished grout - decon augers

1645 gates secure - leave site

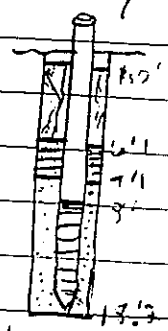
JLV

Wed Oct 13, 99
60°F breezy
07:50 on site
0812 Tailgate Safety meeting
0845 mob to SB07 will overdrill and convert to a vent well



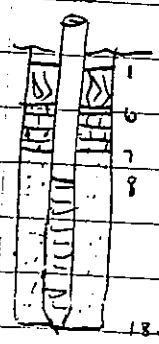
grout 1'-6' screen - PVC 10 slot, 10'
riser - PVC schedule 40 (2")
bentonite 7'-6'
sand (#5) 7'-18' 10' - (2' above surface)
screen 8'-18'
(VW1)

0910 Judge Engineering / Survey arrived on site - we did not know they were coming today and have been scheduled to come back on Mon. Oct 18
1012 finished SB07/Vent Well, Mob to SB03
1015 photo # 20 SB07/Vent Well
1018 SB03/Vent well conversion (VW2)



2' above surface - riser
1'-6' bentonite grout/slurry
6'-7' bentonite pellets
7'-18' #5 sand, 1' above screen
8'-18' #10 slot PVC, 2" screen

1130 Vent well now completed, mob to SB04
(VW3)



2' riser above ground
1'-6' bentonite slurry / grout
6'-7' bentonite pellets
7-18 #5 sand, 1' above screen
8-18' screen, 2", 10 slot PVC

Oct 13, 99

meeting
ll overdrill
vent well
- PVC 10 slot, 10'
- PVC schedule 40 (2")
, 10' - (2' above surface

(VW1)

urvey arrived
ot know
ay and have
ome back

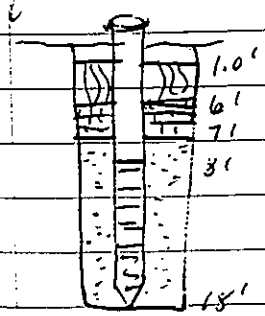
e , Mob to

Vent Well
rsion (VW2)
riser
t/slurry
llets
above screen
C, 2" screen

, mob to
(VW3)

1300 finished SB04/vent well
break for lunch
1415 Sherm Seigal called - needs
Paul McC. to return call
concerning SB11 analysis
AST trailer was packed up
and soil cutting drums moved
to inside the fenced area
1435 mob to last vent well to be
installed - Location 16' east of IW02
(has started to rain) this well
is being placed through the
6" cement pad
1500 spotted lightening directly
North of our drill site - Shut
down rig
1600 have started rig back up.
have spotted no lightening
for 30 min.

VW4



2' riser above ground
1'-6' - bentonite slurry/grout
6-7' - bentonite pellets
7-18' - #5 sand, 1' above screen
8'-18' - screen 2", 10 slot PVC

1700 leaving site (V.V.) Paul McCarren
is staying on site till well
is finished
1720 gates secured

VV

52°F cool
Thurs. Oct 14, 99

0750 on site
0820 Tailgate Safety meeting
0830 crew is building forms for cement pads to go around 3 MW's and 8 injection wells
1030 calibrate Horiba U-10
auto cal solution Lot # 1994

pH	cond	turb	do
4.02	4.47 mS/cm	0	10.68

Set up at MW09 (edge of firing range)
water level = 12.71
total depth = 17.49 ft BTOC
S = 7.5' BTOC
Vc = 0.22 · (17.49 - 12.71)
Vc = 0.1056
Vf = 0.144 · (17.49 - 12.71) · 30%
Vf = 0.206
VT = (0.105 + 0.206) · 7.48 = 1 well volume
VT = 2.33 = 1 well volume
1055 photo # 21 development MW09

TIME	gals Removed	Temp °C	pH	Cond	(NTU) Turb	DO
1045	0	18.4	7.87	92	999	10.78
1115	1	17.3	8.06	80.3	764	10.82
1129	3	17.7	8.31	84.2	629	10.47
1144	7	18.8	8.36	83.1	499	10.47
1204	10	18.7	8.26	826	790	13.25
1220	14	18.4	8.12	849	999	11.66
1240	19	18.7	8.10	843	999	10.41
1300	24	18.3	8.53	844	999	10.90

took out 10 well volumes from this well because turbidity would not stabilize
1315 break for lunch
1355 MW08 - development

Oct 14, 99

forms
go around
tion wells

#1994
10
10.68
of firing range)

%

1 well volume

MW09

DO
10.78
10.82
10.47
10.47
13.25
1.66
0.41

Oct 14, 99

hnu PID 0.4 ppm (0.1 ppm bkg)

water level = 9.40 total depth = 31.42 ft BOC

S = 21.5' BTOC

$V_c = 0.22 \cdot (31.42 - 9.40)$

$V_c = 4.84$

$V_f = 0.144 \cdot (31.42 - 9.40) \cdot 30\%$

$V_f = 0.951$

$V_T = (4.84 + 0.951) \cdot 7.48$ = 1 well volume

$V_T = 43.32$ = 1 well volume

MW08

TIME	gals Removed	Temp °C	pH	cond	(NTU) turb	DO
1425	0	14.2	8.00	1290	999	9.72
1434	5	15.2	8.11	1220	999	8.72
1445	9	13.8	8.15	1250	999	9.56
1500	13	14.1	8.11	1250	999	8.87
1515	17	14.2	8.49	1250	999	8.82
1545	25	14.0	8.61	1240	796	9.36
1645	41	14.0	8.62	1240	10	10.18

pumped for 2 hrs 20 min

1715 digging out pad for MW08

1750 leave site all gates secured

VLV

Fri Oct. 15, 99

45°F breezy

0750 on-site

0815 Tailgate Safety Meeting

Will develop MW07

0825 calibrate Horiba U-10

auto cal solution Lot #1994

pH	cond	turb	temp	do
3.94	4530	0	10.9	10.93

0835 set up at MW07 for development

water level = 12.51 TOC PID=0.6ppm bkg=0.1ppm

total depth = 22.39 BTOC

S = 12.5' BTOC

$V_c = 0.22 \cdot (22.39 - 12.51)$

$V_c = 2.17$

$V_f = 0.144 \cdot (22.39 - 12.51) \cdot 30\%$

$V_f = 0.43$

$V_T = (2.17 + 0.43) \cdot 7.48 =$ 1well volume

$V_T = 19.45$ = 1well volume

0905 photo #22 pad construction/development

Time	gals removed	°C Temp	pH	cond	(NTU) turb	DO
0906	0	12.2	6.97	702	393	9.88
0915	4	14.3	7.69	577	999	8.58
0925	12	13.7	7.69	450	999	8.48
0935	22	13.8	7.82	872	999	8.95
1000	47	14.4	7.61	792	999	8.57
1035	82	14.4	8.13	1010	999	8.75
1145	152	15.1	7.95	1060	677	9.43
1230	197	17.9	7.91	1050	999	9.12

1245 well development for IW02

water level = 13.00

total depth = 17.86

S = 12.7 - BTOC

$V_c = 0.22 \cdot (17.86 - 13.00)$

$V_c = 0.107$

Oct. 15, 99

ing

=1994

temp do
10.9 10.93

evelopment

PID=0.6ppm
bkg=0.1ppm

·30%

s lwell volume
lume

ction/development
(NTU)
turb DO
393 9.88
999 8.58
999 8.48
999 8.95
999 8.57
999 8.75
677 9.43
999 9.12

Oct 15, 99

Vf 0.144 · (17.86 − 13.00) · 30%
Vf = 0.210
V_T = (0.107 + 0.210) · 7.48 = 1 well volume
V_T = 2.37 - 1 well volume
Hnu PID - 0.0 bkg , 0.1 ppm

Time	gals Removed	°C Temp	pH	cond	turb	DO
1300	0	18.4	8.27	671	999	8.52
1306	3	19.4	8.12	856	404	8.89

recharging (1316 - 1500 had not reached 50%) *
1415 photo #23 installation of MW, IW, VW pads
cement truck arrived at 1300 left site at 1430
1420 we asked to leave site area, because of Firing Range testing
1450 setup for IW03 development
water level = 12.91
total depth = 17.43 BTOC
S = 13.18 BTOC
Vc = 0.22 · (17.43 − 12.91)
Vc = .099
Vf = 0.144 · (17.43 − 12.91) · 30%
Vf = 0.195
V_T = (0.099 + 0.195) · 7.48 = 1 well volume
V_T = 2.19 - 1 well volume
Hnu PID - 0.0 bkg. 0.4 ppm

	Time	gals Removed	°C Temp	pH	cond	turb (NTU)	DO
IW03	1455	0	22.2	7.43	625	861	11.02
	1510	4	24.2	7.69	571	999	9.82
	1523	10	20.6	7.72	574	999	11.28
	1544	15	20.4	7.84	543	999	11.56
	1612	22	21.8	8.25	591	999	10.8

- ten well volumes
1615 - cleaned up site
- left area for IT office

40° F cool Mon Oct 18, 99

0755 on site

Tailgate Safety meeting

well development IW01

water level = 13.06

total depth = 17.20

S = 13.2'

$V_c = 0.22 \cdot (17.20 - 13.06)$

$V_c = 0.911$

$V_f = 0.144 \cdot (17.20 - 13.06) \cdot 30\%$

$V_f = 0.188$

$V_T = (0.911 + 0.188) \cdot 7.48$ = 1 well volume

$V_T = 8.22$ = 1 well volume

calibrate Horiba U-10

autocal solution Lot #1994

pH	cond	turb	DO
3.98	4.67 mS/cm	0.0	10.78

	Time	gals removed	°C Temp	pH	cond	(NTU) turb	DO
IW01	0902	0	5.4	11.24	907	999	13.08
	0911	3	12.8	8.53	945	999	8.36
		3.5	dry				

9:57 pumping IW02 for second time

1000	0	13.6	7.78	1110	597	7.95
1004	1.5	13.2	7.48	1070	148	8.28
1012	3	10.5	7.23	1550	999	9.68

1040 ~~start~~ develop IW08

water level - 7.16

total depth - 17.30

S = 12

$V_c = 0.22 \cdot (17.30 - 7.16)$

$V_c = 2.23$

$V_f = 0.144 \cdot (17.30 - 7.16) \cdot 30\%$

V_f = ~~10.18~~ .438

$V_T = (2.23 + \overset{0.438}{\cancel{10.18}}) \cdot 7.48$

$V_T = 19.95 \cancel{12.8}$ = 1 well volume

on Oct 18, 99

T
10+

)

26) · 30%

18 = 1 well volume
olume

994
0
78

	(NTU) turb	DO
7	999	13.08
5	999	8.36

ond time

597	7.95
148	8.28
999	9.68

10/18/99

	Time	gals Removed	oC Temp	pH	cond	turb	DO
IW08	1059	0	13.9	12.18	3350	999	10.[illegible]
	1130	1	recharging				

IW07 is dry total depth - 16.20'
develop IW05
Water level - 10.95'
total depth - 17.24'
S. = 12.2"
$V_c = 0.22 \cdot (17.24 - 10.95)$
$V_c = 1.38$
$V_f = 0.144 \cdot (17.24 - 10.95) \cdot 30\%$
$V_f = 0.27$
$V_T = (1.38 + 0.27) \cdot 7.48$
$V_T = 12.34' = 1$ well volume

IW05	Time	gals Removed	oC Temp	pH	cond	turb	DO
	1103	0	12.0	7.96	1120	999	11.32
	1106	1.5	15.2	7.53	1150	999	9.54
	1112	3.5	15.2	7.65	1130	999	9.22
	1118	5	15.6	7.63	1110	999	8.99
	1130	6			recharging		
	1300	100% recharge					
	1300	7	17.6	7.60	1060	999	9.97
	1309	10	14.8	7.77	1060	999	10.44
		dry - recharge			(50%)		
	1334	11	16.5	7.46	1040	999	9.35
	1345	14.5	16.9	7.57	1040	379	9.36
	1353	DRY					

finished made 3 attempts to develop this well

10/18/99

1140 Measurement for IW04
water level = 9.98
total depth = 13.40
S = 9.2
$V_c = 0.22 \cdot (13.40 - 9.98)$
$V_c = 0.75$
$V_f = 0.144\ (13.40 - 9.98) \cdot 30\%$
$V_f = 0.148$
$V_T = (0.75 + 0.148) \cdot 7.48$
$V_T = 6.72$ = 1 well volume
Measurements for IW06
water level = 10.22
total depth = 17.30
S = 11.5'
$V_c = 0.22 \cdot (17.30 - 10.22)$
$V_c = 1.56$
$V_f = 0.144\ (17.30 - 10.22) \cdot 30\%$
$V_f = 0.31$
$V_T = (1.56 + 0.31) \cdot 7.48$
$V_T = 13.99$ = 1 well volume
1200 break for lunch
1250 IW07 is dry
develop IW04

IW04 Time	gals removed	°C temp	pH	cond	turb	DO
1305	0	13.8	7.21	1330	999	12.32
1312	2.5	15.4	7.48	923	999	10.31
1324	5	16.4	7.28	929	999	9.48
1340	10	16.4	7.50	928	301	9.31
1350	13	16.7	7.54	938	150	9.28
1355	18	17.0	7.46	919	166	9.28
1412	22	16.9	7.52	950	50	9.86
1428	27	16.9	8.66	912	61	10.34
1439	30.5	16.2	7.44	960	13	9.45

finished development

10/18/99

W04

'8)

) • 30%

.48

ell Volume

'06

22)

) 30%

.48

ell volume

nd	turb	DO
330	999	12.32
23	999	10.31
29	999	9.48
18	301	9.31
38	1--	7.28
		7.28
		.86
		0.34
		7.45

10/18/99

IW06 Time	gals Removed	°C temp	pH	cond	turb	DO
1425	0	16.3	10.48	510	999	10.70
1433	2	15.6	8.18	847	999	10.43
1441	4	15.7	7.60	912	999	9.69
1450	7	16.5	7.86	925	999	9.87
1500	11	17.4	7.67	931	999	10.65
1509	15	16.0	7.72	950	999	10.80
1525	23	16.3	7.75	923	345	9.94
1535	27	16.4	7.54	923	201	9.72
1553	35	16.7	7.65	910	135	9.77

IW01 has recharged to 50% will make 2nd attempt to develop

1457	3.5	15.8	7.60	1390	999	11.16
1514	7.0	15.8	8.25	1520	999	10.68

dry - recharging for 2nd time

~~1550 - cutting 2 vents in cement pad 15'N, 18'S~~

(cont. IW06)

1606	43	16.3	7.66	912	57	11.22
1625	51	15.9	7.26	908	25	10.79

finished development

1650 rechecked IW01 + IW02 - neither have recharged to 50% of water column

1715 gates secured leaving site

VLV

40°F cloudy Tues Oct. 19, 99

0755 on-site

0815 Tailgate Safety Meeting

0820 calibrate Horiba U-10

auto cal solution Lot #1994

pH	cond	turb	DO
3.92	4.52	0	11.82

0835 will try & develop IW08 for the second time

	Time	gal Removed	°C Temp	pH	cond	turb	DO
10/18 (previous)		1					
10-19	0845	0	3.1	8.35	6.28	999	14.73
	0859	2	7.0	10.36	415	999	11.47

IW01 recharged 100% - this is the 3rd time for development

10/18 (previous)		7					
10/19	0905	0	6.8	8.91	823	999	11.36
	0909	8	10.6	8.86	544	999	8.91
	0913	9	12.9	8.05	883	851	8.43
		10					
	0929	DRY					

IW02 recharged 50% will make 3rd attempt to develop

10/18 (previous)		6					
10/19	0942	0	7.0	8.34	752	999	12.14
	0945	7	11.5	8.11	610	999	9.31
	0955	9	12.7	7.84	846	999	8.90
	DRY						

1035 FORE drilling has now finished work on this site

Oct. 19, 99

n

1994

DO

11.82

IW08

l

nd turb DO

28 999 14.73

5 999 11.47

this is

nent

3 999 11.36

999 8.91

851 8.43

ill make

99 12.14

99 9.21

10/19/99

Chris Norman from IT is now on site. Hydrogen Injection Test will be done today

1100 objective is to pump out 40 gals of water MW03
water level 10.64'
depth-total 12.15

1115 decision has been made to use MW07 for the test because of lack of water in MW03
water level = 12.44'
total depth = 22.39'

1125 started pumping 1/2 liter pm

1230 water level = 13.3'

1245 " " = 13.1'

1300 " " = 13.05'

1315 " " 12.9'

1240 photo #24 - purging MW07 for hydrogen injection test

1340 Chris Norman has left for IT office. Paul McCarren is going to Hazco for another peristolic pump

1345 water level = 12.96' 1/2 liter per min

1415 water level = 12.97'

1445 water level = 13.00'

1515 water level = 13.00'

1545 water level = 12.97'

1615 water level = 13.01'

1645 water level = 13.61' - 1 liter/min

1630 have now hooked up a second pump. will take out a total of 1 liter pm

10/19/99

1715 water level = 13.65
1730 collected 4-40 mls (VOCs)
MW07HT1 approx 44 gals
1750 gates secured - leaving site
Paul McCarren taking samples
to mobile lab

VAV

10/19/99

'OCs)
'4 gals
aving site
y samples

Wed Oct 20, 99

40° breezy
7:50 on-site
0830 Tailgate Safety meeting
Survey Company has arrived
0850 have checked at mobile lab
on samples taken Mon (10-18)
from the purge water. Stopped
at firing range to request
gate be unlocked for surveyors.
0915 Change of plans
SF_6 is being injected into MW07
Chris had a conference call
with Rajib and Sherm the
disision has been made to
go back to MW03 for the
testing.
1000 now setting up to purge
water from MW03
1020 took 2-40ml samples to lab
1030 photo #25 - Chris Norman - MW03
Joe Tyburski called and Craig
Patterson is going to drop off
the tubing for sampling.
should arrive approx. 1 hr at
gate B22
water level 10.64' MW03
1030 water level - 10.8' "
1100 water level - 10.8' "
water level - 12.00' MW07
1155 sample # WP-SP-11-MW03-GW29-purge H_2O
1200 water level = 10.85 - MW03
1300 water level = 10.85 - "
1540 approx 44 gals purged have turned
off pump

Uled 10-20-99

Sample/Purge MW05

Time	gals Removed	°C temp	pH	cond	turb	DO
1410	0	18.3	7.55	886	117	10.44
1419	0.5	16.8	7.64	920	92	11.28
1426	1	17.1	7.42	875	27	11.18
1440	2	17.0	7.48	892	44	10.67
1500	3	16.9	7.55	896	49	10.80
1520	3.5	18.8	7.70	895	86	11.09
	DRY					

1540

Sample # WP-SP11-MW05-GW01

VOC - 2mL mobile lab

Fe, Mn, Chloride, total Alkalinity

lab = NET

1630 have secured gates, drop samples off at mobile lab departing site

VLV

15		
ond	turb	DO
3	117	10.44
920	92	11.28
75	27	11.08
92	44	10.67
96	49	10.80
5	86	11.09

05 - GW01
lab
l Alkalinity

ts, drop
obile lab

36°F cool Thurs. Oct 21, 99

0750 on-site
Chris Norman has already started injecting the FS_6 solution into MW03

0800 Tailgate Safety meeting

0810 setting up at MW02 for sampling Water level 10.62 total depth 21.17

Time	gals Removed	°C Temp	pH	cond	turb	DO
0832	0	12.8	7.24	1230	726	9.03
0847	1	14.6	7.26	1100	326	8.77
0902	2	15.1	7.31	1200	141	9.88
0917	2.5	15.8	7.34	1190	75	10.36
0932	3.5	16.1	7.48	1120	34	11.70
0947	4.5	16.4	7.49	1110		11.68

0950 sample #WP-SP11-MW02-GW01
NET Lab - CL, Fe, Mn, Total Alkalinity
mobile - VOC

1005 mob to MW09 and set up for sampling
water level 12.72' total depth 17.45

Time	gals Removed	°C Temp	pH	cond	turb	D.O.
1021	0	15.1	7.07	823	999	11.51
1036	1	15.4	7.25	841	773	~~12.78~~ 10.36
1051	1.5	15.1	7.29	876	214	~~12.78~~ 9.98
1106	2	15.5	7.34	885	97	10.11
1121	3	15.7	7.35	885	78	10.15

1125 sample #WP-SP11-MW09-GW01
NET Lab = CL, Fe, Mn, Total Alkalinity
Mobile = VOC

1145 dumped purge water into holding tank will drop off VOC samples to mobile lab

1155 break for lunch

1210 setting up MW04 for Chris Norman for Sampling

10/21/99

1330 setting up for sampling on MW01

Time	gals Removed	°C Temp.	pH	cond	turb	D.O.
1352	0	15.1	7.66	1090	999	11.92
1407	1	14.1	7.46	1120	603	11.93
1422	2	14.7	7.47	1120	525	11.80
1437	2.5	14.2	7.40	1120	161	10.99
1452	3	14.4	7.48	1120	94	10.66
1507	3.4	14.4	7.42	1120	91	10.70

sample #WP-SP11-MW01-GW01

1510 NET Lab - CL, Fe, Mn T Alkalinity

mobile - VOC

MW04 Time	gals Removed	°C Temp	pH	Cond	Turb	DO
1325	0	17.3	7.20	875	275	10.88
1340	3.75L	17.2	7.35	769	170	10.81
1355	6.0L	16.4	7.38	748	237	10.82
1410	8.2L	16.5	7.50	736	170	10.84
1425	10.42L	16.5	7.47	725	16	10.64
1440	12.2L	16.5	7.58	722	350	9.80
1455	14.4L	16.7	7.51	722	25	9.84
1510		16.7	7.50	723	50	9.51

1520 sampled #WP-SP11-MW04-GW01

by Chris Norman

10/21/99

g on MW01

nd	turb	D.O.
9	999	11.92
12	603	11.93
.0	525	11.80
0	161	10.99
0	94	10.66
0	91	10.70

.W01

Mn T Alkalinity

d	Turb	DO
5	275	10.88
9	170	10.81
8	237	10.82
6	170	10.84
5	16	10.64
22	350	9.80
22	25	9.84
23	50	9.51

W04-GW01

10/21/99

1530 Set up for sampling MW08

Time	Jars Removed	°C Temp	pH	cond	turb	D.O.
1540	0	15.2	7.55	1280	999	10.10
1555	1.5	14.7	7.55	1290	162	10.82
1620	3.5	14.8	7.59	1240	58	11.27
1635	4.5	14.5	7.57	1260	35	11.43
1650	5.5	14.6	7.55	1250	27	11.29
1705	6.5	14.4	7.55	1260	21	11.27

1710 sample # WP-SP11-MW08-GW01
dup sample # WP-SP11-MW08-GW05
NET Lab = Fe, Mn, CL, T Alkalinity
mobile lab - VOC

1620 Chris Norman is taking NET cooler to gate to meet with the lab courier

1730 secured gates, took samples to mobile lab, leaving area

VLV

Fri Oct 22, 99

30°F cool & breezy

0730 on site

0800 Jeff Parks arrived, Tail Gate Safety meeting

0815 Parks sets up on MW07 for sampling

water level - 12.61' Total depth - 22.4'

Time	gals Removed	°C temp	pH	cond	turb	DO
0831	0	14.4	7.72	537	>999	9.51
0846	0.6	14.6	8.04	533	>999	9.36
0901	1.0	14.7	7.69	528	>999	9.04
0916	1.4	15.0	7.55	525	607	8.81
0931	1.7	14.8	7.66	523	414	8.82
0946	2.0	15.1	7.56	521	249	8.93

sampled

0948 - WP-SP11-MW07-GW01

mobile lab - VOC

NET lab - CL, Mn, Fe, Total Alkalinity

mob to IW01

water level - 12.88' Total depth - 17.21'

Time	gals Removed	°C temp	pH	cond	turb	DO
1102	0	16.8	9.65	306	282	9.51
1129	0.4	15.8	8.64	594	896	10.05
1144	1.0	17.1	9.38	457	>999	10.00
1154	1.2	16.6	8.97	545	331	10.26
1204	1.5	17.0	9.03	576	354	10.16

1208 sampled #WP-SP11-IW01-GW01

mobile lab - VOC NET lab - CL

mob to IW03 water level 12.89, T depth 17.45

Time	gals Removed	°C Temp	pH	cond	turb	DO
1337	0	18.4	7.71	630	988	10.73
1347	0.3	17.9	7.74	559	113	11.92
1357	0.8	17.9	7.76	543	33	11.90
1407	1.2	17.9	7.74	528	19	11.28

Oct 22, 99

... d, Tail
ting
... MW07 for

Total depth - 22.4'

...nd	turb	DO
...37	>999	9.51
...33	>999	9.36
...28	>999	9.04
...25	607	8.81
...3	414	8.82
...1	249	8.93

...001

...tal Alkalinity

...l depth - 17.21'

turb	DO
282	9.51
896	10.05
>999	10.00
331	10.26
354	10.16

...01 - GW01
...T lab - CL
...2.89, T depth 17.45

turb	DO
...908	10.73
...13	11.92
33	11.90
19	11.28

10/22/99 43

1409 sampled # WP-SP11-IW03-GW01
mobile lab - VOC, NET lab - Cl
1420 mob to IW05
water level 10.97', total depth 15.25'

Time	gals Removed	°C Temp	pH	cond	turb	DO
1448	0	17.7	7.95	653	>999	10.32
1458	.5	16.2	7.95	631	160	11.45
1508	1	16.2	7.86	623	44	10.73
1518	1.5	16.2	7.86	619	23	9.83
1528	2	16.2	7.85	615	14	10.14

1530 sampled # WP-SP11-IW05-GW01
mobile lab - VOC, NET lab - CL, Fe, Mn, T Alk
mob to IW08
water level 10.56', Total depth - 17.32'

Time	gals Removed	°C temp	pH	cond	turb	DO
1559	0	17.2	11.88	1650	>999	10.78
1609	0.2	17.2	12.32	1400	>999	10.51
1619	0.6	16.8	10.92	387	>999	10.44

1627 well went dry - after recharge
well was sampled
1700 # WP-SP11-IW08-GW01
mobile lab - VOC, no CL
IW07 is dry
MW03 - purged out 3 gallons before
1st sample was taken. 4-40 mls will
be collected every 6 min = 1 gallon

Time	gals Removed	Sample #	Time	gals Removed	sample #
0825	3	GW32	0929	10	GW39
0851	4	GW33	0935	11	GW40
0858	5	GW34	0941	12	GW41
0906	6	GW35	0947	13	GW42
0911	7	GW36	0953	14	GW4[illegible]
0917	8	GW37	0959	15	GW44
0923	9	GW38	1003	16	GW45

Time	gals Removed	Sample #	TIME	gals Removed	sample #
1009	17	GW 46	1415	57	GW80
1015	18	GW47	1427	59	GW81
1021	19	GW48	1439	61	GW82
1027	20	GW49	1451	63	GW83
1033	21	GW50	1503	65	GW84
1039	22	GW51	1515	67	GW85
1045	23	GW52	1527	69	GW86
1051	24	GW53	1539	71	GW87
1057	25	GW54	1551	73	GW88
1103	26	GW55	1603	75	GW89
1109	27	GW56	1615	77	GW90
1115	28	GW57	1627	79	GW91
1121	29	GW58	1633	Trip Blank	GW92
1127	30	GW59	1639	81	GW93
1133	31	GW60			
1139	32	GW61	2-40 mls (VOC) sent to mobile l		
1145	33	GW62	2-40 mls (VOC) sent to Knoxville, TN		
1151	34	GW63	cleaned up site, packed		
1157	35	GW64	up equipment, iced +		
1203	36	GW65	packed coolers		
1209	37	GW66	1810 - left site, stopped		
1215	38	GW67	and got 5 more bags		
1221	39	GW68	of ice for 2 coolers.		
1227	40	GW69	1920 - arrived at FedEX		
1233	41	GW70	shipped 2 coolers		
1239	42	GW71	overnight Sat delivery.		
1245	43	GW72			
1251	44	GW73			
1257	45	GW74			
* 1315	47	GW75			
1327	49	GW76			
1339	51	GW77			
1351	53	GW78			
1403	55	GW79			

11/21

Mon Oct 25, 99

gals Removed	sample #
57	GW80
59	GW81
1	GW82
63	GW83
65	GW84
67	GW85
69	GW86
71	GW87
73	GW88
75	GW89
77	GW90
79	GW91
Trip Blank	GW92
81	GW93

C) sent to mobile
) to Knoxville, TN
up site, packed
ment, iced &
olers
site, stopped
t 5 more bags
for 2 coolers.
ed at FedEX
2 coolers
at Sat delivery.

VJV

0750 on site
Darryn Warner & Paul McCarren
called
0815 Harold Blaine - Geo Cleanse arrived
other 2 employees need passed
through gate 1B -
0820 calibrate Horiba U-10
auto cal Solution Lot # 1994

pH	cond	turb	DO
3.49	4.59 ms/cm	0.0	12.12

0825 Chris Norman now on site & the
other 2 Geocleanse employees
0830 setting up on IW 02

Time	gals purged	°C Temp	pH	cond	turb	DO
0905	0	11.9	5.47	817	949	
0910	.5	14.2	6.48	668	194	7.25
0915	1	12.5	6.77	638	340	7.61
0920	1.5	13.7	6.87	639	460	7.60
0925	2	13.4	6.96	640	154	8.02
0930	2.25	13.2	6.98	649	471	8.15
0940	2.5	13.2	6.81	702	130	7.97
0945	3	13.0	6.75	806	401	8.05

1005 DRY recharging
1055 Sampled
WP-SP11-IW02-GW01
(mobile) VOC's & CL (NET LAB)

1000 Geo Cleanse held site safety
meeting - Sherm Siegal and 2
WPAFB fireman attended the
meeting

10/25/99

1105 mob to IW06 for sampling

Time	gals removed	°C Temp	pH	cond	turb	DO
1145	0	14.2	7.45	513	999	9.55
1150	.5	14.9	7.10	525	304	9.21
1155	1	15.0	6.97	525	101	9.17
1200	1.5	15.2	6.94	528	42	9.09
1205	2	15.0	6.88	532	36	9.23
1210	2.5	14.9	6.88	532	12	9.23

sample collected

1215 # WP-SP11-IW06-GW01

VOC-mobile lab- CL-Net lab

mob to IW04 for sampling

WLevel - 10.01 Total depth - 13.4

Time	gals Removed	°C Temp	pH	cond	turb	DO
1230	0	15.1	6.31	655	999	9.85
1235	.5	15.8	6.76	552	376	9.41
1240	1	15.9	6.87	545	50	9.43
1245	1.5	15.4	6.88	544	5	9.25
1250	2	15.9	6.88	546	4	9.15
1255	2.5	15.9	6.88	549	1	9.37

1300 samples collected

#WP-SP11-IW04-GW01

mobile lab - VOC NET lab - CL

packed up equipment

1315 break for lunch

1415 photo # 26 Geo Cleanse

set up for injections

Paul McLaren will pump purge-water into sanitary sewer.

V Vorsand fill out C.O.C. for samples going to NET lab at 4:30 (1630). Chris Norman will set-up - pick up

10/25/99

sampling

turb	DO
999	9.55
304	9.21
101	9.17
42	9.09
36	9.23
12	9.23

SW01

CL - Net lab

mpling

epth - 13.4

turb	DO
999	9.85
376	9.41
50	9.43
5	9.25
4	9.15
1	9.37

01

lab - CL

leanse

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pump

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- O.C. for

T lab

Norman

10/25/99

1515 Bill Scoville + Rajib S arrived on site to check over the geo cleanse set-up. NET lab will have a courier at gate B22 at 1630 for sample pick-up

1640 Clipper Courier arrived at the gate B22 for sample pick-up

1645 Vorsard left site - Paul McCarren is finishing the purge water into the sanitary sewer.

VLV

Tues Oct 26, 99

40°F cool

0750 arrived on site

0800 Geo Cleanse crew arrived

0810 Tailgate Safety meeting

0930 Sherm Siegel & Greg Plamondon have stopped by the site to see how project is going

Geo Cleanse has started injections and is getting a 12' radius of influence.

1100 Paul McCarren has gone to help Greg Plamondon work on some generators that were used during the last sampling event.

1510 Sherm Siegel has stopped back at the site, has 2 visitors with him to look at the injection process.

IW04, IW07 and IW01 are the injection wells that the peroxide is being pumped into today

1600 Paul McCarren has gone to see Greg Plamondon about Bldg #59 for tomorrow.

1720 Geo Cleanse has completed work for today. Shut down site, locked gate

1730 departing site for day

VLW

t 26, 99

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Bldg #59

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Wed Oct 27, 99

40° F cool

0750 arrived on-site

0805 Geo Cleanse crew arrived

0810 Tailgate Safety meeting

0815 Geo Cleanse setting up area

0 IW05, IW04 and IW02

08 have had injections placed in them

photo #27 - injector - IW04

photo #28 - Vent well - bailed

photo #29 - Geo Cleanse trailer

photo #30 - hydrogen peroxide tanker

photo #31 - hydrogen peroxide transfer station & safety shower

0830 Geo Cleanse has taken the first round of samples - this is done before system is turned on. 2nd sample will be collected late in the afternoon

1000 meeting held by Geo Cleanse to explain injection set up (OEPA)

1050 photo #32 - people on site for demo

photo #33 - " " "

photo #34 - " " "

1120 calibrate Horiba U-10

auto cal solution Lot #1994

pH	cond	turb
3.99	4.50 mS/cm	0

1135 sample collected from MW07

pH	°C Temp	cond	turb	DO
6.26	19.4	1210	771	7.70

1145 sample collected from MW03 do to presence of peroxide in well Horiba was not used

1155 sample collected from MW09

10/27/99

1230 took samples to lab, will now go to visitors center to get extention for vehicle visitors pass
1300 off-site for lunch
1330 on-site
observing Geo Cleanse operation
1550 Rajib Sinta called and is sending Lisa Dubrous up here with some samples for the lab to analyse
1710 Lisa D. arrived with samples from Cincy office. I delivered them to the lab.
1825 gate has been secured, Geo Cleanse crew is securing the injection site area

V RV

10/27/99

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Oct 28, 99 Thurs.

45°F

0750 on-site

0805 Tailgate Safety meeting

0815 Jeff Parks will empty drums of decon water into tank and dispose of into sanitary sewer.

0825 went to mobile lab to get results from yesterday (10-27) sampling of MW07, MW03 and MW09

0845 helping Jeff open drums & turning over empties to be placed on top of gravel next to soil drums on cement pad

0940 generator ran out of gas - sent J Parks for more gas

1015 talked with Rajib S. and Chris Norman on yesterdays results will sample MW07 and MW03 today

1125 J Parks has finished the transfer of decon water into the sanitary sewer

17 - empty 55 gallon drums

36 - soil filled drums

1130 collected sample at MW07 litmus pH 6

1140 collected sample at MW03 litmus pH 6

1140 injectors are in IW01, IW02, IW04 and IW05 as of 0810 this morning

1215 Jeff Parks has finished on site and left

1230 AGA has picked up both gas cylinders

The injector in IW02 has now been placed in MW03

The vent well on the cement

10/28

pad has mounded and over flowing from the 2' above ground casing. Geo Clean is capping the vent.

1250 Chris Norman called, would like sample MW03-GW31 rerun if lab still has sample. Went to lab James was out but left him a note about the sample

1315 off-site for lunch

1345 back on-site

1545 got lab results from this mornings sampling of MW03 and MW07 - called Chris Norman + left results on answering machine. MW03-GW31 is being rerun.

1600 IW05 under pressure and erupted - was capped

1700 gate secured, leaving site

VZV

Fri Oct 29, 99

48°F

0750 on site

0800 Tailgate Safety Meeting

0815 sample collected from MW03-litmus

0830 sample collected from MW07-litmus
Injectors have been placed in the following wells IW02, IW06, MW03, IW08

0845 took samples to the mobile lab

0900 photo # 35 - injectors in wells IW06, MW03 and IW08
photo #36 - Troy Marshall - testing of sample water
photo #37 - overall view of Geo Cleanse site set-up

1000 hydrogen peroxide tanker has been disconnected from trailer system and Geo Cleanse has started to pack-up some of their equipment

1125 truck has arrived to take the hydrogen peroxide tanker

1145 left site to pick-up lunch

1215 return to site

1400 went to mobile lab, picked up results from samples has 5 more analysis to complete.

1500 collected 4-40 mls from the tank containing 50% peroxide solution - 2 samples to mobile lab - 2 samples Geo Cleanse

1515 2 samples (40 mL) from Vent well #3

1530 area is locked up + clean,
heading to IT office in Cinny
generator is still on site

7:50
0820
0810
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095
11

VLV

Nov. 1, 1999

p + clean,
fice in Liney
ite

50° F sunny
7:50 on-site
0820 Tailgate Safety meeting
4 wells are to be sampled
today - IW07, IW01, MW03, MW07
IW07
0810 water level - 12.21'
total depth - 16.21
3 well volumes x 0.163 = 1.956 gallons
Vc = (0.163) x (16.21 - 12.21)
Vc = 0.652 gal
0.652 x 3 well volumes = 1.956 gallons
0905 sample collected #WP-SP11-IW07-GW01
3 - 40 ml vials for VOC's - TestAmerica lab
MW03
water level - 10.51'
total depth - 12.13'
Vc = (0.163) x (12.13 - 10.51)
Vc = 0.264 gal
0.264 x 3 well volumes = 0.792 gals
0950 sample collected #WP-SP11-MW03-GW01
IW01
water level - 12.53'
total depth - 17.21'
Vc = (0.163) x (17.21' - 12.53')
Vc = 0.763
0.763 x 3 well volumes = 2.29 gals
1110 sample collected #WP-SP11-IW01-GW01
3-40 ml vials - VOC's TestAmerica lab
MW07
water level - 12.08'
total depth - 22.39'
Vc = (0.163) x (22.39' - 12.08')
Vc = 1.68 gals

11-1-99

1.68 gals x 3 well volumes = 5.04 gals
1210 sample collected - #WP-SP11-MW07-GW01
3- 40ml vials - VOC's, TestAmerica lab
1000 Tim Setty from AST arrived on site unloading equipment to be used for injections, will return to his office and pick-up the geoprobe truck will then return
1015 Sherm Siegal is on-site, he is giving an overall review of the site to a group involved in remediation, (Air force personal)
1315 Tim Pac on site to help with injections from Norwood Mass. office
1330 Tim Setty from AST on site with Geoprobe.
210 gallon tank needs a valve put on it for the slurry to be released into the ground.
Chris Norman has gone to Lowes for parts.
1500 met courier at gate B22 and
1530 handed over samples
1550 leaving site for the day

VRV

Tues Nov 2, 99

40°F rain, cool, breezing

0745 on site

0830 Tailgate Safety meeting

0900 have gone to fire range to have gate unlocked for the day - geoprobe will start in that area

0915 potassium permanganate is being measured & then mixed in 210 gallon container on back of truck

0930 photo #38 - mixing permanganate George Csordas

0950 mob to the firing range - geo probe will start in the area of MW09. A grid has been mapped out for 9 injections, 20' intervals will be attempted in this area.

1015 Paul McCarren has left area to pick up the large tank for mixing the permanganate, coordinating with Durrgen Warner

1035 photo #39 - getting ready for injection into 1st soil boring

photo #40 - set up for injection

photo #41 - permanganate mixture

1040 the goal now is to inject 40 gallons of the permanganate into 4~~X~~' sections of the 25' geoprobe hole, for a total of 240 gallons of solution

1100 it has been perjected that at the rate of injection, 3 holes a day will be attempted

1120 1st 4' injection is finished - took approx. 20 min. and ≈ 40 gals of solution (2 gals/min)

1145 second interval has been completed

11-2-99

on the next interval, 80 gals will be injected into the third ~~&~~ 4' interval. (18'-14')

1200 Paul McCarren + I have discussed the possibility of the slurry reaching the 11th St. run-off storm water area. I will check this periodically, especially with todays rain.

1245 Break for lunch

1225 a bailer is being placed down MW09 to determin if the permanganate has migrated into the water column. At this time no discolouration of the water

1345 large tank for mixing has arrived on site

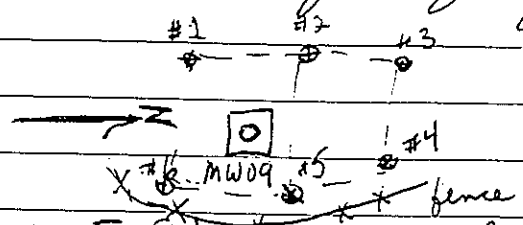
1400 geoprobe has started 2nd hole for injection

1442 interval 1st injection - 23' - 27' - 80 gals

1510 2nd " - 16 - 20' - "

~~1540~~ 1650 3rd " - 12 - 16' - "

~~317.25~~ pumping ≈ 3 gals/min



1515 Sherm Seigal + Laurie Marshall OEPA on-site

1615 mixing more permanganate to finish the 2nd hole

1720 have finished final injections

1811 gates secured - leaving site

*400 gallons solution: VLV

11-2-99

30 gals will
-ird $4'

have discuss
slurry
t. run-off
I will check
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23'-27'-80 ga
16-20'-"
12-16'-"
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Marshall

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injections
ing site

Wed Nov 3, 99

32°F cold, snow covered ground
0645 on-site snowing.
0712 Tailgate Safety meeting
0720 mixing solution, will start in the firing range with the 3rd injection, ≈20' North of #2
0740 geoprobe mob to firing range
0750 has started drilling 0-27', #3
0815 1st interval 27'-23' 80 gals
0847 2nd " 23'-19' 80 gals
0955 3rd " 10'-14' 80 gals
0910 mob back to area #92 to mix more solution
0945 mob back to firing range
1030 completed injection in #3
1030 Chris Norman called to check on progress of injections. Will be on site tomorrow (11/4)
1035 MW09 was checked for any sign of "pink" discoloration in water. None was detected
1040 #4th injection point has been started
1110 1st interval 26'-22' 80 gals
1140 finished injection
1230 break for lunch
1330 mixing more solution for #4
1355 2nd interval 22'-18' 80 gals
1433 3rd interval 14'-10' 80 gals
1457 finished injections for #4, will now mob to area #92 to mix more solution
1535 geoprobe has started injection point #5 0-26'
contacted Sherm S. about the gate seal

Wed. 11-3-99

1355 1st injection 26'-22' 80 gals
1625 2nd injection 22'-18' 80 gals
1645 mob to area #92 to mix solution for last injection
1710 3rd injection 14'-10' 80 gals
1740 mob to area #92 for clean-up
1813 secured gates leaving site
1830 took equipment to Hazco
2-geopumps, 1 HNu PID
1-LEL, 1 Horiba

* 720 gals solution

VZV

11-3-99

2' 80 gals
' 80 gals
to mix
injection
' 80 gals
clean-up
ing-site
Haza
PID

Thurs. Nov 4, 99

40° clear

0645 on site
0710 Tailgate Safety meeting
0725 waiting for clearence into firing range, mixing solution, geoprobe has mob to firing range for #6 injection
0830 Chris Norman has arrived on site
0840 geoprobe has started drilling 0-26', #6
0850 checked MW09 for any "pink" discoloration of water. None noted. calibrated ORP tester, took a sample from MW09, ORP = 360 mv
0858 1st injection 26'-22' 80 gals
0926 2nd injection 22-18' 80 gals
0910 photo #42 solution for injection pt #6
" photo #43 " " " " "
0950 mob back to area #92 for more solution
1110 3rd injection 14'-10' 80 gals
1320 MW03 - ORP 410 mv
tested for H_2O_2 strip indicated 3 mg/L
MW01 - ORP 330 mv
MW04 - ORP 360 mv
1350 geoprobe leaving firing range area, mixing solution for injection #7
1420 geoprobe drilling - 0-22', #7
1st injection 22'-18' 80 gals
1520 2nd injection 14'-10' 80 gals
OEPA, USEPA, Sherm S, Rajib S, B. Scoville, all on-site to watch injections
1625 3rd injection 10'-6' 80 gals
1715 secured gates - leaving site
480 gals solution

RV

Fri Nov 5, 99

40° clear, cool
0650 on-site Y. Voisard
0705 Tailgate Safety Meeting T. Setty, G. Cx
0710 geoprobe mob to injection #8
solution being mixed (160 gals)
#8 injection point 0-25'
0742 1st interval 25'-21' 80 gal
0830 2nd interval 19'-15' 80 gal
0912 mixing more solution
0937 3rd interval 14'-10' 80 gal
* have emptied the 1st drum of potassium permangonate, made a total of ≈1,920 gals, solution - resistence in this hole is the highest we've seen - pumping at a much slower rate, evidently in a very dense clay
ORP readings for today
0936 MW04 ORP 360 mv
0941 MW01 ORP 355 mv
0946 MW03 ORP 395 mv
1035 mob to injection point #9, start geoprobe
1100 MW09 ORP 320 mv
1110 Chris Norman called - somewhat of a change in were injections will be done
1105 #9 injection point 0-25'
1st interval 25-21' 80 gals
Chris asked if rod could be extended down to 28' - No - not once screen has been set
1206 2nd interval 20-16' 80 gals
1306 3rd interval 16-12' 80 gals

Nov 5, 99

photo #44 V. Voisard, Tim Setty (AST)
1127 photo #45 injection pt. #9
1145 move to mix solution for #9
1230 photo #46 injection pt. #9 - solution is not dispersing well in the clay, have some solution coming up to surface
1300 V. Voisard leaving site for the day
G C Sordas (IT Corp) + T. Setty (AST) on site for rest of the day
1350 3rd interval for #9 complete. Move to mix solution for #10.
1410 #10 Injection point 0-14'.
One interval only - 10'-14' 80 gallons
T. Setty (AST) drilled too far down the first time. Need to repeat to the correct interval.
1430 First interval (#10 injection point) 10'-14' 80 gals.
1500 First (and only) interval 3 GVC completed
1510 GVC move to rinse and decon 210 gal tank and truck surfaces.
1530 Tim Setty (AST) complete pulling and decontamination of rods. Rinse and decon where powder mix stored.
16.00 secured gates, left site.

* 640 gals solution

GC

Mon Nov 8, 99

50°F clear

0645 on-site

0715 Tailgate Safety meeting

0730 geoprobe mob to injection pt #11
0-16'

0835 1st injection 16'-12' 80 gals

0928 2nd injection 12'-8' 80 gals

1010 3rd injection 4'-8' 80 gals

0910 George C. has started to fill the large containment tank with water for mixing up more solution at a time

0945 mixing solution in small tank to finish injection pt #11

Sherm S. called this morning, concerned about the map that has SB, IN and MW's on it. I have made corrections on my map and called Chris Norman with those corrections

1035 Craig Patterson from IT Corp has arrived on-site, he will relieve George Csoroas.

1050 mob to injection pt #12 0-16'

1110 1st injection 16'-12' 80 gals

1340 2nd injection 12-8 80 gals

1145 George C has left the site for the IT office

1200 break for lunch

1245 mixing more solution into lg tank

ORP readings (no purge)

MW01	ORP	315 mv
MW04	ORP	300 mv
MW03	ORP	345 mv
MW09	ORP	240 mv

No "pink" discolorat...

Nov 8, 99

ection pt #11

80 gals
80 gals
80 gals
to fill the
nk with water
lution at a time
nk to finish

ning, concerned
s SB, IN and
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?? I Chris
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Corp has
will relieve

0-16'
80 gals
80 gals
the site

to lg tank
e)

water

11-8-99

1500 3nd injection 4-8 80 gals
1345 Sherm S. and 3 other visitors on-site
* Have noticed valve & hose fitting on lg. tank are leaking more - yellow connector into hose is shooting out a stream of water / breaks off have contained liquid - using sump pump now.
Injection pt #13 0-18'
1555 1st injection 18'-14' 80 gals
1634 2nd injection 12-8' 80 gals
1700 finished injections into #13
1715 secured site / locked gates
departing site for the day

* 640 gals of solution

VLV

50° clear Tues Nov 9, 1999

0645 on site
0715 Tailgate Safety Meeting
0725 mob to injection pt #14 0-12'
0750 interval 8'-12' 80 gals
0820 finish injection
0830 mob to injection pt #15 0-12'
0837 interval 8'-12' 80 gals
0907 finished injections
0912 mob to injection pt #16 0-12'
0921 interval 8'-12' 80 gals
0951 finished injection
1000 mob to injection pt #17 0-12'
1012 interval 8'-12' 80 gals
1042 finished injection
photo #47 at inj pt #17
1055 mob to injection pt #18 0-16'
1115 1st injection 12'-16' 80 gals
1150 2nd injection 4'-8' 80 gals
1222 finished injections
1230 break for lunch
1330 mob to injection pt #19 0-12'
1412 injection 8-12' 80 gals
1442 finished injection
1400 mob to MW09 in firing range area
water level = 12.55
total depth = 17.44
$V_c = (0.163) \times (17.44 - 12.55)$
$V_c = 0.797$ (1 well volume)
$2.39 = 0.797 \times 3$ well volumes
ORP - 100 mv
no "PINK" discoloration - clear water
1443 mob to MW03
water level = 10.04
total depth = 12.15

Nov 9, 1999

ting
7 '4 0-12'
80 gals

#15 0-12'
80 gals

16 0-12'
80 gals

17 0-12'
80 gals

#17
8 0-16'
gals
80 gals

#19 0-12'
gals

nge area

)

ne)

water

11-9-99

Vc = (0.163) x (12.15 - 10.04)
Vc = 0.344 (1 well volume)
1.03 = 0.344 x 3 well volumes
ORP = 190 mv
No "PINK" discoloration - cloudy water
1455 mob to injection pt #20 0-12'
1508 injection 8'-12' 80 gals
1540 finished injection
1502 mob to MW01 ORP = 70 No "Pink" discoloration clear-water
water level = 11.66
total depth = 26.2
Vc = (0.163) x (26.2 - 11.66)
Vc = 2.37 1 well volume
7.11 = 2.37 x 3 well volumes
1558 mob to MW04
water level = 10.35
total depth = 17.56
Vc = (0.163) x (17.56 - 10.35)
Vc = 1.175 1 well volume
3.52 = 1.175 x 3 well volumes
ORP = 10 mv
No "PINK" discoloration in water - cloudy
1545 mob to injection pt #21 0-12'
1600 injection 8'-12' 80 gals
1630 injection finished
1637 mob to injection pt #22 0-12'
1644 injection 8'-12' 80 gals
1715 finished injection
1745 secured equipment and locked gates - departed site

* 800 gals - solution

VLV

Wed Nov. 10, 99

56° F breezy

0645 on-site
0710 Tailgate Safety meeting
0730 mob to injection pt #23 0-30'
0750 1st injection 26'-30' 80gals
0850 2nd injection 22'-26' 80gals
0925 finished injections
Craig Patterson sifted more solution in 1g holding tank
0937 mob to injection pt #24 0-30'
1040 1st injection 26'-30' 80gals
1110 2nd injection 22'-26' 80 gals
photo #48 injection pt 24
1150 finished injections
had resistence of fluid in #23 & #24 injection pts.
1220 break for lunch
1310 set up inside area #92 for ~~#30~~ injection pt #25 0-16'
1330 interval 12'-16' 80 gals
1400 finished injection
1325 at MW09 will purge 3 well volumes (2.39) ORP = 75 mV
1355 at MW03 - 3 well vols = 1.03
ORP = 200 mV
1406 at MW01 - 3 well vols = 7.11
ORP = 35 mV
1415 mob to injection pt #26
1438 1st interval 29-25' 80gals
1526 2nd interval 25'-21' 80gals
1605 finished injections
1450 at MW04 - 3 well vols. = 3.52
ORP = 85 mV
1510 talked with Chris Norman -

Nov. 10, 99

3 0-30'
80gals
80gals

resolution

4 0-30'
80gals
80 gals
-24

#23 & #24

olumes

23

-11

gals
gals

52

an -

11-10-99

got locations for inj pts #27 & 28
gave him ORP readings
1415 Sherm & stopped by with a class of students from Capitol College.
securing / loading equipment
1710 depart site for day

* 560 gals injected solution

VLV

Nov 11, 99

40°F breezy, cool

0650 on-site

0710 Tailgate Safety Meeting

0720 mob to area next to fence road will do 1 soil boring first to determine where the sand lens is, no previous data for this area

0740 drilling begins
4' continuous sleeve
0-4' - lt brown clay, stiff, dry trace poorly sorted gravel (100%)
4'-8' - lt greenish gray, stiff, dry trace silt and trace poorly sorted gravel (100%)
8'-12' - 8-10' same as above
10'-10.5' - poorly sorted gravel trace sand with clay (grey) wet, loose
10.5'-12' - clay, lt green/grey trace poorly sorted gravel dry stiff (100% recovery)

0755 called Chris Norman, let him know where we hit water, will wait for him to return call before we do permanganate injections

0835 Chris Norman called back we will inject 8'-12' on #29, 30, 31 injection pt #30 (0-12')

0837 injection 8'-12' 80 gals

0905 finished injection
photo #49 injection pt #30

0915 mob to injection pt #29 (0-12')

0927 injection 8'-12' 80 gals

0957 finished injection

Nov 11, 99

11-11-99

1007 mob to injection pt #31 (0-12')
1019 injection 8'-12' 80 gals
1050 finished injection
1225 mob to injection pt # 28 (0-30')
1247 1st interval 26'-30' 80 gals
1335 2nd interval 22'-26' 80 gals
1440 finished injections
1110 break for lunch
1240 at MW04 - 3 well volumes = 3.52 gals
ORP - 65 mv
1302 at MW01 - 3 well volumes = 7.11 gals
ORP - 25 mv
1345 at MW03 - 3 well volumes = 1.03 gal
ORP - 190 mv
1450 mob to injection pt # 27 (0-30')
1504 1st interval 26'-30' 80 gals
1547 2nd interval 22'-26' 80 gals
1625 finished injections
clean-up site - put away equip.
1645 depart from site - headed to IT office to pick-up reports for base delivery

* 560 gals slurry

V&V

Nov. 12, 99

45°F clear

0645 on-site

0730 Tailgate Safety Meeting

0740 mob to injection pt #~~29~~ 33 (0-30')

0812 1st interval 26'-30' 80 gals

0920 2nd interval 22'-26' 80 gals

09:55 finished injections

0830 Craig Patterson has left for area C bldg 89, to deliver 8 boxes of reports to Enviro. Mgt bldg.

0940 photo # 50, pt #29, Sherm S + Tim Setty

0941 photo # 51, pt #29, Sherm S + V. Voisard

1005 mob to injection pt #~~30~~ 32 (0-30')

1030 1st interval 26'-30' 80 gals

1110 2nd interval 22'-26' 80 gals

1150 finished injections

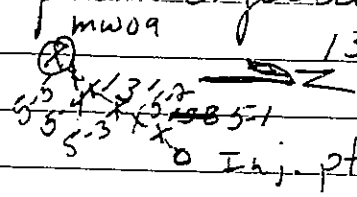
1200 clean-up of tank and area

1245 C Patterson taking tank + equipment back to the IT trailer in area C. Have returned to get base pass.

1305 break for lunch

1405 mob to firing range area

1420 collected a water sample from injection pt #5 - 2 40ml vials



pink water (INJ PT. #5)

1425 water sample inj pt #6 ORP 240 no "pink" water

1440 collected soil sample 5-1 interval 12'-16' clay, trace sand, soft moist

1450 water sample inj pt #6 ORP 240 no "pink" water

2, 99

ing
(0-30')
80gals
80gals

t for
ver 8
o. Mgt bldg.
m Setty
Voisard
(0-30')
80 gals
80gals

a
ipment
Area C.
pass.

e area
mple
40mL vials
ink water
INJ PT. #5)

ORP 240

interval
soft

240

11-12-99

1455 collected soil sample 5-2 (12'-16')
1500 water sample 5-1 cloudy, pink, dark silty
1510 " " 5-2 " " "
1530 " " 5-3 silty
1550 " " 5-4 silty
1605 injection pt #4 water sample (INJ PT #4)
1608 water sample 5-5 silty
1620 water sample MW09 clear
1700 Rajib S is driving the white truck back to IT office Bill Scoville will follow him. Secured gates, area is clean. depart from site

320 gals solution

VLV

Mon Nov. 15, 1999

35°F cool + clear

0700 stop at Hazco to pick-up equipment

0725 on-site

will sample MW03, MW05, MW07, MW08 and MW09

calibrate Horiba U-10

auto-cal solution Lot #1931, Exp. 5-6-200

pH	cond.	turb.
3.91	4.48 ms/cm	0

0800 MW05

water level = 13.84

total depth = 18.87

$V_c = 0.22\,(18.87 - 13.84)$

$V_c = 1.1066$

$V_f = 0.144\,(18.87 - 13.84) \cdot 30\%$ $V_f = \cancel{5.063}$ 0.217

$V_T = (1.1066 + \cancel{5.063}\ 0.217) \cdot 7.48$

$V_T = 9.9$ gallons

purge Volume

Time	gals Removed	°C Temp	pH	cond	turb	DO
0814	0	14.3	6.07	103	183	8.83
0820	1	14.9	6.35	101	45	8.58
0830	1.5	14.5	6.48	102	37	8.85
0840	2.5	14.7	6.52	102	20	8.94
0850	3	14.5	6.62	102	308	9.32
0900	3.5	14.3	6.58	100	999	9.45

- dry

0915 sampled WP-SP11-MW05-GW01

VOC - 3 40 mls, Fe (500 mL) TALK (1000 mL)

0925 Mob to MW09

water level = 12.42

total depth = 17.43

$V_c = 0.22\,(17.43 - 12.42)$

$V_c = 1.10$

$V_f = 0.144\,(17.43 - 12.42) \cdot 30\%$

ov. 15, 1999

ick-up

03, MW05,
d MW09
10
t #1931, Exp. 5-6

0% Vf = ~~5.063~~ 0.217

Volume

ond	turb	DO
53	183	8.83
1	45	8.58
2	37	8.85
2	20	8.94
2	308	9.32
	999	9.45

10.5-GW01
K (1000 mL)

%

$V_f = 0.216$

$V_T = (1.10 + 0.216) \cdot 7.48$

$V_T = 9.84$ gallons

Time	gals Removed	°C Temp	pH	cond	turb	DO
0950	0	14.7	6.32	109	820	8.63
0955	.5	14.9	6.41	108	8	8.36
1000	1.5	14.7	6.42	108	5	8.34
1005	2	14.7	6.50	109	3	8.34

1010 sampled WP-SP11-MW09-GW01
Laurie Marshall collected duplicate VOC samples from this well also (OEPA)
VOC's, Fe, Total Alkalinity

1025 Mob to MW08
water level = 9.23
total depth = 31.4

$V_c = 0.22 (31.4 - 9.23)$

$V_c = 4.88$

$V_f = 0.144 (31.4 - 9.23) \cdot 30\%$

$V_f = 0.96$

$V_T = (4.88 + 0.96) \cdot 7.48$

$V_T = 43.68$

Time	gals removed	Temp	pH	cond	turb	DO
1045	0	13.8	6.96	130	76	9.63
1050	.75	13.8	6.93	128	45	9.96
1055	1.25	13.8	6.87	127	38	9.85
1100	1.5	13.7	6.87	126	26	9.65
1105	2	13.9	6.88	125	17	9.66

1110 sampled WP-SP11-MW08-GW01
VOC's, Fe, Total Alkalinity

1120 Mob to MW07
water level = 11.75
total depth = 22.4

$V_c = 0.22 (22.4 - 11.75)$

$V_c = 2.34$

11-15-99

$V_f = 0.144 (22.4 - 11.75) \cdot 30\%$

$V_f = 0.46$

$V_T = (2.34 + 0.46) \cdot 7.48$

$V_T = 20.94$ gallons

Time	gals removed	°C Temp	pH	cond	turb	DO
1145	0	16.7	6.47	261	21	9.80
1150	.5	16.4	6.55	2.58	12	9.76
1155	1	16.9	6.60	258	11	8.77
1200	1.25	16.8	6.62	255	11	8.38
1205	1.75	16.8	6.68	253	11	8.20
1210	2	16.8	6.67	254	14	8.

1215 sampled WP-SP11-MW07-GW01
VOC's, Fe, Total Alkalinity

1230 Moved to MW03
water level = 10.13
total depth = 12.12

$V_c = 0.22 (12.12 - 10.13)$

$V_c = 0.44$

$V_f = 0.144 (12.12 - 10.13) \cdot 30\%$

$V_f = 0.086$

$V_T = (0.44 + 0.086) \cdot 7.48$

$V_T = 3.93$ gallons

Time	gals removed	°C Temp	pH	cond	turb	DO
1245	0	18.3	6.43	276	369	8.15
1250	.25	18.9	6.39	271	29	7.85
1255	.5	19.2	6.40	271	109	7.74
1300	1.	19.4	6.37	271	66	7.78
1305	1.5	19.1	6.33	271	37	7.89
1310	1.75	19.1	6.34	271	26	7.82

1315 sampled WP-SP11-MW03-GW01
VOC's, Fe, Total Alkalinity

1330 depart from site, wait for courier to pick up samples & be delivered to Test America

11-15-99

) · 30%

ond	turb	DO
61	21	9.80
58	12	9.76
58	11	8.77
5	11	8.38
3	11	8.20
4	14	8.

MW07 - GW01
linity

)

) · 30%

7.48

turb	DO
369	8.15
29	7.85
109	7.74
66	7.78
37	7.89
26	7.82

MW03 - GW01
Alkalinity
rait for
samples
America

11-15-99

1350 Courrier has taken cooler of samples for Test America will go to Hazco now and drop off equipment

1410 at Hazco, will stop for gas then depart for [illegible].

VLV

Wed Dec 15, 99

0615 left Cincinnati 30°F windy
0700 stop at Hazco to pick up equipement
0803 leave Hazco
0830 stop Area A - photo badge
0847 leave Area A for Area B
0900 Area B - stop at firing range office to have gate unlocked
all wells were minipurged

MW09

Time	Temp °C	pH	cond mS/cm	turb
0930	13.1	6.05	1.07	999
0935	14.1	6.11	1.03	86
0945	14.3	6.13	1.04	24
0950	14.2	6.13	1.05	7

0955 samples collected, VOC's Fe and T. HK.
Laurie Marshall of Ohio EPA also collected VOC samples from this well

MW08

Time	Temp °C	pH	cond mS/cm	turb
1045	13.5	6.14	1.30	32
1050	13.3	6.15	1.28	24
1055	13.2	6.15	1.27	13
1100	13.1	6.15	1.27	8

1105 samples collected - VOC's Fe + total HK.

Dec 15, 99

30°F windy
to pick up

hwto badge
for Area B
firing range
gate unlocked
inopurged

ms/cm cond	turb
1.07	999
1.03	86
1.04	24
1.05	7

lected, VOC's

Ohio EPA
VOC samples

ms/cm cond	turb
1.30	32
1.28	24
1.27	13
1.27	8

cted - VOC's

12/15/99

MW05

Time	°C Temp	pH	ms/cm cond	turb
1120	13.5	6.75	0.98	176
1125	14.1	7.20	0.94	134
1130	14.2	7.28	0.93	150
1135	14.0	7.19	0.92	39
1140	14.0	7.19	0.94	24
1145	14.0	7.14	0.96	27
1150	14.0	7.18	0.96	28

1155 samples collected VOC's
Fe + total Alk

MW07

Time	°C Temp	pH	ms/cm cond	turb
1215	13.7	6.81	2.28	999
1220	14.8	6.78	2.08	171
1230	14.6	6.82	1.94	73
1235	14.8	6.85	1.94	52
1240	15.1	6.88	1.93	28
1245	15.2	6.81	1.88	21
1250	15.0	6.78	1.88	14

1255 samples collected - VOC's
Fe + total ALK

IN01

Time	°C temp	pH	ms/cm cond	turb
1310	14.8	7.22	1.71	38
1315	15.5	6.95	1.64	21
1320	15.5	6.86	1.63	14
1325	15.5	6.84	1.63	12

1330 samples collected - VOC's,
Fe + total ALK

12/15/99

IN07

Time	temp °C	pH	cond mS/cm	turb
1350	13.5	6.67	2.24	137
1355	14.8	6.52	2.16	13
1400	14.9	6.52	2.15	5
1405	14.9	6.50	2.13	4

1410 samples collected - VOC's, Fe & Total ALK

MW03

Time	temp °C	pH	cond	turb
1420	13.9	6.49	10.1	999
1425	15.3	6.47	9.7	423
1430	15.7	6.41	9.8	999
1435	15.8	6.40	2.40	416
1440	15.8	6.40	9.7	127
1445	15.7	6.40	9.8	73
1450	15.9	6.36	2.36	73
1455	15.9	6.34	2.33	77

1500 samples collected - VOC's, Fe & total ALK

1520 break for lunch

1600 waiting on courier to pick up cooler of samples for Test America Lab.

1625 courier arrived for cooler left WPAFB

1640 dropped off equipment at Hazco

1650 departed for Cincinnati

12/15/99

s/cm ond	turb
2...1	137
2.16	13
2.15	5
2.13	4

ted - VOC's,
K

cond	turb
10.1	999
9.7	423
9.8	999
2.40	416
9.7	127
9.8	73
2.06	73
2.33	77

ted - VOC's,
K

nch
rrier to
of samples
a Lab.
ed for cooli

ipment at

Cincinnati

2-16-00 Wed

36°F cloudy, breezy

0715 left office - Cincinnati

0800 stopped at Hazco picked up Horiba U-10

0820 arrived on site, AST - (geoprobe) Tim Setty on site

0830 Health & Safety meeting

0840 setting up for 1st soil boring will collect water sample (VOC) only from this hole, next to SB18 also a sample for Sherm S.

0945 Sherm Siegel arrived - has permits

0955 GW sample SB-20 screen 16'-20'

ph	cond	temp	turb	do
7.54	.776	11.4	999	10.40

1030 mob to SB-21 located east of SB-07 screen 9'-13'

1050 GW sample SB-21

ph	cond	temp	turb	do
7.25	1.36	5.2	999	10.31

1105 mob to SB-22 located west of SB 07

1125 GW sample SB-22 screen 9'-13'

ph	cond	temp	turb	do
7.60	1.05	8.7	999	9.58

pulled a sample for Sherm S also

1200 break for lunch

1305 mob to SB-23 located west of SB-16 & MW09 (firing range area)

1330 GW sample SB-23 screen 19'-23'

ph	cond	temp	turb	do
7.34	1.36	10.4	999	9.88

1340 mob to SB-24 - inside fenced area just North of SB-14

cont 2-16-00

1510 GW sample SB-24 screen ~~ph cond temp turb do~~

No Water in hole

*No water at 14' refusal @ 24' No Water

1505 pulled sample from MW03 for Sherm Siegal

1525 pulled sample from MW07 for Sherm Siegal

1555 mob to SB-25 will take a soil sample at 20'-22'

1620 collected SB-25SS and gave Sherm a soil sample also

1645 GW sample SB-25 screen 25'-29'

1647 GW Sample SB-25D (dup)

1657 mob to MW07 - SB-26 directly north of well - collect sample at bedrock

1735 SB-26 @ 27' soil

1745 samples to courier

1815 departed site

1830 stopped at Hazco to drop off equipment, then departing to Cincinnati

Scope of Services:

Collect soil and groundwater samples at select locations to measure any decrease in VOC concentration due to permanganate injection. Samples to be collected using a GeoProbe push probe rig. Field activity will be completed in one day.

Sample Locations:

Samples are to be collected from up to five different locations. The following locations, sample depths and sample media are listed below in order of priority.

Location ID	Matrix	Sample Depth
SB14	Groundwater	14 feet below ground surface
SB13	Groundwater	28 feet below ground surface
SB13	Soil	20-22 feet below ground surface
SB18	Groundwater	17 feet below ground surface
SB07	Groundwater	10 feet below ground surface
SB07/SB01	Groundwater	10 feet below ground surface
SB16	Groundwater	20 feet below ground surface

Approximate sample locations are on the attached drawing. Final locations will be determined in the field based on utility clearance and additional review of baseline characterization data. Final locations will be documented in a field log and in the final Treatability Study Report.

Sampling Procedure:

Sampling procedures outlined in the *Final Work Plan Treatability Tests at Further Action Area A and Further Action Area B* shall be followed for collection of both for both soil and groundwater samples.

Sample Analysis:

All samples shall be analyzed for the presence of VOCs by U.S. EPA Method 8260.

Driller:

AST Environmental 513.743.0002

Laboratory:

~~Belmonte Park Lab~~ ~~937.837.3744~~
Test America 800. 572.9839
Debbie Janning

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SB07/SB01	Groundwater	10 feet below ground surface
SB16	Groundwater	20 feet below ground surface

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AST Environmental 513.743.0002

Laboratory:

~~Belmonte Park Lab~~ ~~937.837.3744~~
Test America 800. 572.9839
Debbie Janning

after

BASE CIVIL ENGINEERING WORK CLEARANCE REQUEST

DATE PREPARED: 15 FEB 00

1. Clearance is requested to proceed with work at 20092

on Work Order/Job No. _____, Contract No. _____, involving excavation or utility disturbance per attached sketch. The area involved ☐ Has ☐ Has not been staked or clearly marked.

TYPE OF FACILITY/WORK INVOLVED

	A. PAVEMENTS		B. DRAINAGE SYSTEMS		C. RAILROAD TRACKS		D. FIRE DETECTION AND PROTECTION SYSTEMS		E. UTILITY ☐ OVERHEAD ☐ UNDERGROUND
	F. COMM. ☐ OVERHEAD ☐ UNDERGROUND		G. AIRCRAFT OR VEHICULAR TRAFFIC FLOW		H. SECURITY		I. OTHER *(Specify)*		

3. INSTRUCTIONS: The BCE work clearance request is used for any work (contract or in house) that may disrupt aircraft or vehicular traffic flow, base utility services, protection provided by fire and intrusion alarm system, or routine activities of the installation. This form is used to coordinate the required work with key base activities and keep customer inconvenience to a minimum. It is also used to identify potentially hazardous work conditions in an attempt to prevent accidents. The work clearance request is processed just prior to the start of work. If delays are encountered and the conditions at the job site change (or may have changed) this work clearance request must be reprocessed.

4. DATE CLEARANCE REQUIRED	5. DATE CLEARANCE TERMINATED
15 Feb 00	

6. REQUESTING OFFICIAL *(Signature)*	7. PHONE NO.	8. ORGANIZATION
Glenn Siegel	7-2201 EXT 241	88 ABW/EMO

CLEARANCE REVIEW

	ORGANIZATION	REMARKS	REVIEWER'S NAME AND INITIALS
9. BASE CIVIL ENGINEERING	A. ELECTRICAL DISTRIBUTION	Cable Marked (ST. CTS)	[illegible]
	B. STEAM DISTRIBUTION		[illegible]
	C. WATER DISTRIBUTION	Marked	[illegible]
	D. POL DISTRIBUTION		
	E. SEWER LINES / Gas	Clear	[illegible]
	F. DRAINAGE SYSTEMS	line marked	Leonard T Ow
	G. PAVEMENTS, GROUNDS, RAILROADS		
	H. FIRE DEPARTMENT		
	I. ENGINEERING & ENVIRONMENTAL PLANNING		
	J. CATHODIC PROTECTION	Clear	[illegible]
	K. OTHER		
10. SECURITY POLICE			
11. SAFETY			
12. COMMUNICATIONS		All Clear 0046-1-17	[illegible]
13. BASE OPERATIONS			
14. COMMERCIAL UTILITY COMPANY *(Telephone, Gas, Electrical, etc.)*		211055-072	
15. OTHER *(Specify)*			

AF FORM JUL 82 103 PREVIOUS EDITION WILL BE USED.

TESTAMERICA INC.

Chain of Custody Record

Page ___ of ___

☐ Asheville, NC (A) (828) 254-5169 ☐ Bartlett, IL (C) (630) 289-3100 ☐ Cedar Falls, IA (E) (319) 277-2401 ☐ Charlotte, NC (G) (704) 392-1164 ☒ Dayton, OH (I) (937) 294-6856 ☐ Lumberton, NC (K) (910) 738-6190 ☐ Nashville, TN (M) (615) 726-0177 ☐ Pontiac, MI (O) (248) 332-1940 ☐ Rockford, Il (Q) - (815) 874-2171
☐ Atlanta, GA (B) (770) 368-0636 ☐ Brighton, CO (D) (303) 659-0497 ☐ Charleston, SC (F) (843) 849-6550 ☐ Columbia, SC (H) (803) 796-8989 ☐ Davenport, IA (J) (319) 323-7944 ☐ Indianapolis, IN (L) (317) 842-4261 ☐ Macon, GA (N) (912) 757-0811 ☐ Orlando, FL (P) (407) 851-2560 ☐ Watertown, WI (R) (920) 261-1660

Client: IT CORP
Report Address: 11499 Chester Rd Cin. OH 45246
Attn: Chris Norman
Phone No.: 513-782-4971
Fax No.: 513-782-4749

Project No.: 783900
Invoice Address: IT Corp 11499 Chester Rd. Cin, OH
Attn: Chris Norman
Sampled By: V Voisard
P.O. No:
Quote No.
State Samples Collected: OH

TURNAROUND TIME
☒ Standard
☐ Rush (surcharges may apply) Date Needed:

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes___ No ✓
Is this work being conducted for regulatory enforcement action? Yes___ No ✓
Which regulations apply:
RCRA___ NPDES Wastewater___
UST___ Drinking Water___
Other ✓ None___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	VOC 8260	# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
SP11-SB20	2-16-00	0955	G	GW		X	3						
SP11-SB21		1050				X	3						
SP11-SB22		1125				X	3						
SP11-SB23		1330				X	3						
~~SP11-SB24~~		~~1410~~											
SP11-SB25		1645				X	3						
SP11-SB25D		1647		GW		X	3						
SP11-SB25S		1620		SS		X						1	20'-22'
Trip Blanks				GW		X	3						
SP11-SB26S	2-16-00	1735	G	SS		X						1	27'

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp: Rec Lab Temp:

COMMENTS:

Relinquished By:	Date	Time	Received By:	Date	Time
[signature]	2/16/00	1545	[signature]	2-16-00	17:11
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time

LAB USE ONLY:
Custody Seal: ☐ Yes ☐ No ☐ N/A
Bottles Supplied by TA: ☐ Yes ☐ No

TestAmerica
INCORPORATED

BOTTLE ORDER

DATE: 2/15/00

ACCOUNT NAME: IT Corp

ATTN: Chris Norman

PHONE: 513/782-4971

BILLING:
_____ CASH
✓ Acct Est'd
_____ Send Credit App.

SHIPPING INSTRUCTIONS:
_____ UPS
_____ Pick Up
X Deliver to Gate 22B at WPAFB Wed 2/16 at 9:30am

DIRECTIONS FOR DELIVERY:

TEST/BOTTLES REQUIRED:

water (7) VOC'S w/HCl - 8260
water (1) VOC w/HCl + Annex Water - 8260 TRIP BLANK
soil (1) 4 OZ jar unpres - VOC 8260

FORMS:
_____ Potable Chemical
_____ Total Coliform
I Chain of Custody

SHIPPING CONTAINER:
_____ Box
✓ Cooler(s) w/ice packs
_____ Cooler w/blue ice

ROUTING:
BJ Initiated By
JS Prepared By
2-15-00 Date Sent

INSTRUCTIONS:
_____ Inorganic
_____ Bacteriological
_____ VOC's
_____ SOC's

THE FOLLOWING PARAMETERS ARE SUBCONTRACTED TO AN OUTSIDE LABORATORY:

3601 SOUTH DIXIE DRIVE / DAYTON, OH 45439 / 937-294-6856 / FAX: 937-294-7816

Equipment Rental Checklist

Part Number: 4700053 **Model:** U10

Desc: HORIBA U-10 WATER QUALITY CHECKER

Contract #: 2526519 **Date Shipped:**

Serial #: 13430 **Quality Checked:** _____

Items shipped with this order include:

Quantity Shipped	Item Description	Unit of Measure
1	1500 PELICAN CARRYING CASE	EA
1	HORIBA U-10 KCL PH SOLUTION	EA
1	U10 AUTO CAL. SOLUTION (500ML.)	EA
1	HORIBA U-10 CALIBRATION BEAKER	EA
1	HORIBA U-10 DO PROBE TOOL	EA
1	HORIBA U-10 INTERFACE CABLE	EA
1	HORIBA U-10 METER STRAP	EA
1	HORIBA U-10 PROBE GUARD	EA
1	HORIBA U-10 BELLOW BULB SMALL	EA
1	HORIBA U-10 RUBBER BOOT, PH PROBE	EA
1	HORIBA U-10 INSTRUCTION MANUAL	EA
1	9-VOLT ALKALINE BATTERY	EA

Thank you for selecting Total Safety/HAZCO for your instrument rental needs - we appreciate and value your business.

As part of our continued Quality Assurance program, this document indicates the component parts of this rental so that you can easily identify each. To avoid any unexpected charges, please make certain that all items listed are returned with the rental unit with the exception of any obvious disposable items such as solutions, gas, etc.

A detailed quality assurance procedure has been specifically performed on the unit to ensure safe and reliable operation before being shipped to you. We take pride in the quality of our products and workmanship, and stand behind our guarantee 100%!

Total Safety/HAZCO also provides a complete line of calibration and maintenance products for each rental unit such as gases, tubing, regulators, batteries, solutions, etc. If additional supplies are required, please let us know.

Should you have any questions or concerns regarding the rental or operation of this equipment, just give us a call - that's why we're here!

Again, thanks for your order. We look forward to serving you again real soon!

Declared Insurance Value: $ 2,850.00

Please return equipment to:

Total Safety/HAZCO, 6501 Centerville Business Parkway Dayton, Ohio 45459

1.800.332.0435

SAM
S/N 13430

2 11 00

LOT #2102

HAZCO

Local Rental Drop-Off

Date 2-16-00 Time 6:30 A.M. P.M.

Company Name IT Corp

Equipment Code	Serial #	Contract Number
C110	13430	

Missing Accessories None

Equipment Received by [illegible]
HAZCO Quality Control Technician

Customer Signature Vicki L. Voisard

Printed Name of Customer Vicki L. Voisard

Copy to: *Customer receives a signed copy by HAZCO Technician copy goes to Billing Department.*

Customer Comments Copy of the final bill faxed to name above. 513-782-4749

TOTAL SAFETY

800-332-0435 • 937-824-4400

Ship from:
6501 CENTERVILLE BUSINESS PKWY
DAYTON, OH 45459
937-824-4400

I T ENVIRONMENTAL PROGRAMS, INC
WRIGHT PATT AFB
DAYTON, OH 45459
ATTN: VICKI VOISARD
C#:513-782-4700 J#: 513-782-4789

RENTAL CONTRACT

Contract #: 2526519
Contract dt. 2/16/00
Start rental 2/16/00 8:00 AM
Est return: 2/16/00 5:00 PM
Job Loc..... WILL CALL DAY, DAYTON
Job No..... 2 - I T ENVIRONMENTA
P.O. #..... VISA
Ordered By.. VICKI VOISARD
Terms..... Net 30
Ship date...
Ship via...

Customer #: 37910
I T ENVIRONMENTAL PROGRAMS, INC
11499 CHESTER RD
CINCINNATI, OH 45246

Qty	Serial#	Description
1	13430	HORIBA U-10 WATER QUALITY CHECKER
	Make: HORIBA	Model: U10

* Will Call * 02/16/00 7:30am pickup
attn: VICKI VOISARD

IN THE RARE EVENT THAT YOU SHOULD EXPERIENCE TECHNICAL DIFFICULTIES OR HAVE QUESTIONS ABOUT YOUR EQUIPMENT, PLEASE CALL OUR TECHNICAL SUPPORT TEAM AT 800-332-0435 EXTENSION 4292 IMMEDIATELY!

WILL CALL
Return Instrument to:
Total Safety Inc. / Hazco
6501 Centerville-Business Parkway
Centerville, OH 45459

DATE/TIME OUT

Signature Vicki Voisard

Date 2-16-00 **Time** 8:00

DATE/TIME IN

Signature _____

Date _____ **Time** _____

Total Safety Solutions for a World of Customer Needs!

ny claim for shortage must be made in writing within 10 days after delivery. Written approval required for returns prior to 30 days from the date of this invoice. There is a minimum 15% restocking charge on all returned items. No material accepted for credit after 30 days.

HAZCO

HAZCO becomes a Total Safety, Inc. Company!
What does this mean? More value-added services and quality produ to offer our clients to protect lives, property and the environment.
Total Safety/HAZCO—Synergy creating value for our customers!

ORIGINAL

Received by: _____

DAY

Rep#: 30 Emp: SENGEL

IT TAILGATE SAFETY MEETING

Division/Subsidiary IT Corp Facility WPAFB SP11

Date 2-16-00 Time 8:30 Job Number 983900 020/000

Customer WPAFB Address:

Specific Location

Type of Work geoprobe - GW & S samples

Chemicals Used

SAFETY TOPICS PRESENTED

Protective Clothing/Equipment Level D

Chemical Hazards

Physical Hazards slip, trip, falls

Emergency Procedures administer first aid as needed, transport to base hospital

Hospital / Clinic on base Phone ( ) 911 Paramedic Phone ( ) 911

Hospital Address

Special Equipment Horiba U-10, first aid kit, fire extinguisher

Other

ATTENDEES

NAME PRINTED	SIGNATURE
JIM Setty	TS

Meeting conducted by: Vicki L. Voisard (NAME PRINTED) Vicki L Voisard (SIGNATURE)

Supervisor Manager

36-8-85

Voisard, Vicki

From: Norman, Chris
Sent: Monday, December 13, 1999 9:25 AM
To: Voisard, Vicki
Subject: WPAFB Sampling

5- MW's
2- Inj wells

MW03, MW05, MW07, MW08, MW09, IN01, IN07

By the Way - Laura Marshall of Ohio EPA will be splitting samples with you.

937-285-6062

Chris Norman, P.E.
IT Corporation
11499 Chester Road
Cincinnati, OH 45246-4012

Ph. 513.782.4971
cnorman@theitgroup.com

* 10:00 MW09

APPENDIX H

CHAIN OF CUSTODIES

Chain of Custody Record

TESTAMERICA INC.

Page ___ of ___

❒ Asheville, NC (A) (828) 254-5169	❒ Bartlett, IL (C) (630) 289-3100	❒ Cedar Falls, IA (E) (319) 277-2401	❒ Charlotte, NC (G) (704) 392-1164	❒ Dayton, OH (I) (937) 294-6856	❒ Lumberton, NC (K) (910) 738-6190	❒ Nashville, TN (M) (615) 726-0177	❒ Pontiac, MI (O) (248) 332-1940	❒ Rockford, Il (Q) (815) 874-2171
❒ Atlanta, GA (B) (770) 368-0636	❒ Brighton, CO (D) (303) 659-0497	❒ Charleston, SC (F) (843) 849-6550	❒ Columbia, SC (H) (803) 796-8989	❒ Davenport, IA (J) (319) 323-7944	❒ Indianapolis, IN (L) (317) 842-4261	❒ Macon, GA (N) (912) 757-0811	❒ Orlando, FL (P) (407) 851-2560	❒ Watertown, WI (R) (920) 261-1660

Client:	Project No.:
Report Address:	Invoice Address:
Attn:	Attn:
Phone No.:	Sampled By:
Fax No.:	P.O. No:
TURNAROUND TIME	Quote No.
❒ Standard	State Samples Collected
❒ Rush (surcharges may apply)	Date Needed: ___

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes___ No___

Is this work being conducted for regulatory enforcement action? Yes___ No___

Which regulations apply:
RCRA___ NPDES Wastewater___
UST___ Drinking Water___
Other___ None___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use										# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS

QC Deliverables: ❒ None ❒ Level 2 - Batch QC ❒ Level 3 ❒ Level 4 ❒ Other

Init Lab Temp | Rec Lab Temp

COMMENTS:

Relinquished By:	Date / Time	Received By:	Date / Time	**LAB USE ONLY:**
Relinquished By:	Date / Time	Received By:	Date / Time	
Relinquished By:	Date / Time	Received By:	Date / Time	**Custody Seal:** ❒ Yes ❒ No ❒ N/A
Relinquished By:	Date / Time	Received By:	Date / Time	**Bottles Supplied by TA:** ❒ Yes ❒ No

TESTAMERICA INC.

Chain of Custody Record

Page 1 of 1

- ☐ Asheville, NC (A) (828) 254-5169
- ☐ Bartlett, IL (C) (630) 289-3100
- ☐ Cedar Falls, IA (E) (319) 277-2401
- ☐ Charlotte, NC (G) (704) 392-1164
- ☒ Dayton, OH (I) (937) 294-6856
- ☐ Lumberton, NC (K) (910) 738-6190
- ☐ Nashville, TN (M) (615) 726-0177
- ☐ Pontiac, MI (O) (248) 332-1940
- ☐ Rockford, IL (Q) (815) 874-21[illegible]
- ☐ Atlanta, GA (B) (770) 368-0636
- ☐ Brighton, CO (D) (303) 659-0497
- ☐ Charleston, SC (F) (843) 849-6550
- ☐ Columbia, SC (H) (803) 796-8989
- ☐ Davenport, IA (J) (319) 323-7944
- ☐ Indianapolis, IN (L) (317) 842-4261
- ☐ Macon, GA (N) (912) 757-0811
- ☐ Orlando, FL (P) (407) 851-2560
- ☐ Watertown, WI (R) (920) 261-166[illegible]

Client: IT Corp	Project No.:
Report Address: 11499	Invoice Address: 8 Ane
Chester Rd. Cincinnati Ohio	
Attn: Rasib Sinha	Attn: Accounts Payable
Phone No.: 513-782-4700	Sampled By:
Fax No.:	P.O. No:
	Quote No.
	State Samples Collected

TURNAROUND TIME

☐ Standard PER REQUEST

☐ Rush (surcharges may apply) Date Needed:

REQUESTED PARAMETERS

8260B

Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___

Is this work being conducted for regulatory enforcement [illegible] Yes ___ No ___

Which regulations apply? RCRA ___ NPDES Waste [illegible] UST ___ Drinking Water [illegible] Other ___ None ___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	40ml	HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
MW09-GW51	08-Oct 1999	1055		Water		X2						X	
MW07-GW51	08-Oct 1999	1155		↓		X2						X	
WP-FAAB-IW03 SS51	07-Oct 1999	1635		Soil		X1						X	
WP-FAAB-IW03 SS52	07-Oct 1999	1640		↓		X1						X	
WP-FAAB-IW05 SS51	08-Oct 1999	1145		↓		X1						X	
WP-FAAB-IW05 SS52	08-Oct 1999	1150		↓		X1						X	
← LAST ITEM →													

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp

COMMENTS: Sample ID's on Bottles

Relinquished By: [signature]	Date 10-08 1999 Time 1640	Received By:	Date Time	
Relinquished By: [signature] #36	Date 10/08 Time 1645	Received By:	Date Time	
Relinquished By:	Date Time	Received By:	Date Time	Custody Seal
Relinquished By:	Date Time	Received By:	Date Time	Bottles Supplied by

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.[3]

Project Name WPAFB

Project No. 781791

Samples Shipment Date 10-22-99

ONE CONTAINER PER LINE

Sample[14] Number	Sample[15] Description/Type	Date/Time[16] Collected	Container[17] Type	Sample[18] Volume	Pre-[19] servative	Requested Testing[20] Program	Condition on[21] Receipt	Disposal[22] Record No.
WP-SPIT-MW03 GW82	Groundwater	10-22-99 1439	Glass	40mL	None			
GW83		1451					FOR LAB USE ONLY	
GW84		1503						
GW85		1515					FOR LAB USE ONLY	
GW86		1527						
GW87		1539					FOR LAB USE ONLY	
GW88		1551						
GW 89		1607					FOR LAB USE ONLY	
GW 90		1619						
GW 91		1627					FOR LAB USE ONLY	
GW 92		1633						
GW 93		1639					FOR LAB USE ONLY	
~~GW 94~~		~~1657~~						
~~GW 95~~		~~1703~~					FOR LAB USE ONLY	
~~GW 96~~		~~1715~~						
							FOR LAB USE ONLY	

COPY

White: To accompany samples

Yellow: Field copy

*See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.[30] _____

Project Name WPAFB

Project No. 781791

Samples Shipment Date 10-22-99

ONE CONTAINER PER LINE

Sample[14] Number	Sample[15] Description/Type	Date/Time[16] Collected	Container[17] Type	Sample[18] Volume	Pre-[19] servative	Requested Testing[20] Program	Condition on[21] Receipt	Disposal[22] Record No.
WP-SP11 MW03-GW62	GW	10-22-99 1145	G	40mL	NONE			
GW63		1151					FOR LAB USE ONLY	
GW64		1157						
GW65		1203					FOR LAB USE ONLY	
GW66		1209						
GW67		1215					FOR LAB USE ONLY	
GW68		1221						
GW69		1227						
GW70		1233					FOR LAB USE ONLY	
GW71		1239						
GW72		1245					FOR LAB USE ONLY	
GW73		1251						
GW74		1257						
GW75		~~1303~~ 1315					FOR LAB USE ONLY	
GW76		~~1309~~ 1327						
GW77		~~1315~~ 1339					FOR LAB USE ONLY	
GW78		1351						
GW79	1403	~~1327~~						
GW80	1415	~~1333~~						
GW81	~~1427~~	~~1339~~						

COPY

White: To accompany samples
Yellow: Field copy

*See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 533156
Page ~~1~~ of 4 of 6

Project Name/No. [1] WPAFB
Sample Team Members [2] VV, TP
Profit Center No. [3]
Project Manager [4] B Scoville
Purchase Order No. [6] 1145
Required Report Date [11] 115

Samples Shipment Date [7] 10-22-99
Lab Destination [8] Knoxville, TN
Lab Contact [9]
Project Contact/Phone [12] Chris Norman
Carrier/Waybill No. [13] 8080284071 81

Bill to: [5] IT Corp

Report to: [10] Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
WP-SP11-MW03		10/22/99						
GW54	Groundwater	1057	Glass	40ml	NONE			
GW55		1103					FOR LAB USE ONLY	
GW56		1109						
GW57		1115						
GW58		1121					FOR LAB USE ONLY	
GW59		1127						
GW60		1133						
GW61		1139						

COPY

Special Instructions: [23] Chris Norman 513-782-4971

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by [28] (Signature/Affiliation) [signature] Date: 10-22-99 Time: 1700	1. Received by [28] (Signature/Affiliation) Date: Time:
2. Relinquished by (Signature/Affiliation) Date: Time:	2. Received by (Signature/Affiliation) Date: Time:
3. Relinquished by (Signature/Affiliation) Date: Time:	3. Received by (Signature/Affiliation) Date: Time:

Comments: [29]

White: To accompany samples. Yellow: Field copy. *See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552134
Page 1 of 3 of 6

Project Name/No. 1 WPAFB
Sample Team Members 2 VV, JF
Profit Center No. 3
Project Manager 4 Bill Scoville
Purchase Order No. 6
Required Report Date 11

Samples Shipment Date 7 10-22-99
Lab Destination 8 Knoxville, TN
Lab Contact 9
Project Contact/Phone 12 Chris Norman
Carrier/Waybill No. 13 808028407181

Bill to: 5 IT CORP

Report to: 10 Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Pre-servative 19	Requested Testing Program 20	Condition on Receipt 21	Disposal Record No. 22
WP-SP11-MW03-GW46	Groundwater	10-22-99 1009 ~~1015~~	Glass	40mL	NONE			
GW47		1015 ~~1021~~						
GW48		1021						
GW49		1027						
GW50		1033						
GW51		1039						
GW52		1045						
GW53		1051						

COPY

FOR LAB USE ONLY

FOR LAB USE ONLY

Special Instructions: 23 Chris Norman 513-782-4971

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: 25
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: 26
Normal ☒ Rush ☐

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by 28 (Signature/Affiliation) [signature]	Date: 10-22-99 Time: 1700	1. Received by 28 (Signature/Affiliation)	Date: Time:
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: 29

White: To accompany samples Yellow: Field copy *See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552133
Page 1 of 2 of 6

Project Name/No. [1] WPAFB
Sample Team Members [2] VV, JP
Profit Center No. [3]
Project Manager [4] B. Scoville
Purchase Order No. [6]
Required Report Date [11]

Samples Shipment Date [7] 10-22-99
Lab Destination [8] Knoxville, TN
Lab Contact [9]
Project Contact/Phone [12] Chris Norman
Carrier/Waybill No. [13] 8080284071 81

Bill to: [5] IT Corp

Report to: [10] Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
WP-SPIT-MW03 GW 38	Groundwater	0923	Glass	40mL	---		FOR LAB USE ONLY	
GW 39		0929						
GW 40		0935						
GW 41		0941						
GW 42		0947					FOR LAB USE ONLY	
GW 43		0953						
GW 44		0959						
GW 45		1003						

COPY

Special Instructions: [23] Chris Norman 513-782-4971

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by [28] (Signature/Affiliation) [signature]	Date: 10-22-99 Time: 1700	1. Received by [28] (Signature/Affiliation)	Date: Time:
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

White: To accompany samples
Yellow: Field copy
*See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552132
Page 1 of 1 of 6

Project Name/No. [1] WPAFB
Sample Team Members [2] VV, JP
Profit Center No. [3]
Project Manager [4] B. Scouille
Purchase Order No. [6]
Required Report Date [11]

Samples Shipment Date [7] 10-22-99
Lab Destination [8] Knoxville, ~~KY~~ TN
Lab Contact [9]
Project Contact/Phone [12] 513-782-4971
Carrier/Waybill No. [13] 808028407181

Bill to: [5] IT Corp
11499 Chester Rd
Cincinnati, OH 45246

Report to: [10] Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
	Groundwater	~~10-21-99~~	Glass	40mL	—			
WP-SP11-MW03-GW31		10-21-99 0815					FOR LAB USE ONLY	
WP-SP11-MW03-GW32		10-22-99 0845						
GW33		0851						
GW34		0858					FOR LAB USE ONLY	
GW35		0906						
GW36		0911						
GW37		0917						

COPY

Special Instructions: [23] Chris Norman 513-782-4971

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by [28] (Signature/Affiliation) [signature]	Date: 10-22-99 Time: 1700	1. Received by [28] (Signature/Affiliation)	Date: Time:
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

White: To accompany samples
Yellow: Field copy
*See back of form for special instructions.

MCA 3/15/91

TESTAMERICA INC.

Chain of Custody Record

☐ Asheville, NC (A) (828) 254-5169	☐ Bartlett, IL (C) (630) 289-3100	☐ Cedar Falls, IA (E) (319) 277-2401	☐ Charlotte, NC (G) (704) 392-1164	☒ Dayton, OH (I) (937) 294-6856	☐ Lumberton, NC (K) (910) 738-6190	☐ Nashville, TN (M) (615) 726-0177	☐ Pontiac, MI (O) (248) 332-1940	☐ Rockford, IL (Q) (815) 874-21[illegible]
☐ Atlanta, GA (B) (770) 368-0636	☐ Brighton, CO (D) (303) 659-0497	☐ Charleston, SC (F) (843) 849-6550	☐ Columbia, SC (H) (803) 796-8989	☐ Davenport, IA (J) (319) 323-7944	☐ Indianapolis, IN (L) (317) 842-4261	☐ Macon, GA (N) (912) 757-0811	☐ Orlando, FL (P) (407) 851-2560	☐ Watertown, WI (R) (920) 261-1660

Client: IT CORP

Report Address: 11494 Chester Rd

Attn: Chris Norman

Phone No.: 513-782-4971

Fax No.: 513-782-4749

Project No.: 781791

Invoice Address: 11499 Chester Rd Cin., OH 45246

Attn: Chris Norman

Sampled By: V Voisard

P.O. No:

Quote No.

State Samples Collected OH

TURNAROUND TIME

☒ Standard

☐ Rush (surcharges may apply) Date Needed:

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes ___ No X

Is this work being conducted under regulatory enforcement action? Yes ___ No X

Which regulation applies? RCRA ___ NPDES/Water ___ UST ___ Drinking Water ___ Other ___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	40 ml Glass (VOC)	500 ml Plastic (Fe)	1000 Plastic (Total Alkalinity)					# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
WP-SP11-MW05-GW01	11-15	0915	G	GW		X	X	X					3		1			1	
WP-SP11-MW08-GW01	11-15-99	1110	G	GW		X	X	X					3		1			1	
WP-SP11-MW09-GW01	11-15	1010	G	GW		X	X	X					3		1			1	
WP-SP11-MW07-GW01	11-15	1215	G	GW		X	X	X					3		1			1	
WP-SP11-MW03-GW01	11-15	1315	G	GW		X	X	X					3		1			1	

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

COMMENTS:

Relinquished By: Vicki Voisard	Date 11-15-99	Time 1730	Received By: [illegible]	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time
				Date	Time

Bottles supplied by [illegible]

TestAmerica
INCORPORATED

WPAFB

BOTTLE ORDER

DATE: 10/29/99

ACCOUNT NAME: PT Corporation
4499 Chester Rd.
Cincinnati, OH 45246

ATTN: Carl Norman

PHONE: (513) 782-4700

BILLING:
- ____ CASH
- X Acct Est'd
- ____ Send Credit App.

SHIPPING INSTRUCTIONS:
- ____ UPS
- X Pick Up
- X Deliver

Cupper: 1:00 PM Today 10/29/99

DIRECTIONS FOR DELIVERY: Cupper To Pick Up At 10/29/99

TEST/BOTTLES REQUIRED:

(7) (Sets of 3) - 40ml VOA Vials w/ HCl: (VOC's)

(1) - Trip Blank Set w/ HCl

FORMS:
- ____ Potable Chemical
- ____ Total Coliform
- X Chain of Custody (5)

SHIPPING CONTAINER:
- ____ Box
- 1 Cooler(s)
- ____ Cooler w/blue ice

ROUTING:
- ____ Initiated By
- LAE Prepared By
- 10-29-99 Date Sent

INSTRUCTIONS:
- ____ Inorganic
- ____ Bacteriological
- ____ VOC's
- ____ SOC's

THE FOLLOWING PARAMETERS ARE SUBCONTRACTED TO AN OUTSIDE LABORATORY:

3601 South Dixie Drive / Dayton, OH 45439 / 937-294-6856 / Fax: 937-294-7816

TestAmerica
INCORPORATED

BOTTLE ORDER DATE: 11/11/99

ACCOUNT NAME: IT Corp.
11499 Chester Rd
Cincinnati, OH 45246

ATTN: Chris Norman PHONE: (513) 782-4700

BILLING:
- ____ CASH
- X Acct Est'd
- ____ Send Credit App.

SHIPPING INSTRUCTIONS:
- X UPS Next Day
- ____ Pick Up
- ____ Deliver

DIRECTIONS FOR DELIVERY: Due 11/12/99

TEST/BOTTLES REQUIRED:
(10) sets of 3 - 40ml VOA vials w/HCl (VOCs)
(10) - 500ml Plastic w/HNO3 (Metals)
(10) - 1000ml Plastic No Preset (Wet Chem)

FORMS:
- ____ Potable Chemical
- ____ Total Coliform
- X Chain of Custody

SHIPPING CONTAINER:
- ____ Box
- X Cooler(s)
- ____ Cooler w/blue ice

ROUTING:
- [illegible] Initiated By
- [illegible] Prepared By
- 11-11-99 Date Sent

INSTRUCTIONS:
- ____ Inorganic
- ____ Bacteriological
- ____ VOC's
- ____ SOC's

THE FOLLOWING PARAMETERS ARE SUBCONTRACTED TO AN OUTSIDE LABORATORY:

3601 South Dixie Drive / Dayton, OH 45439 / 937-294-6856 / Fax: 937-294-7816

TESTAMERICA INC.

Chain of Custody Record

Page [illegible] of [illegible]

- ☐ Asheville, NC (A) (828) 254-5169
- ☐ Bartlett, IL (C) (630) 289-3100
- ☐ Cedar Falls, IA (E) (319) 277-2401
- ☐ Charlotte, NC (G) (704) 392-1164
- ☒ Dayton, OH (I) (937) 294-6856
- ☐ Lumberton, NC (K) (910) 738-6190
- ☐ Nashville, TN (M) (615) 726-0177
- ☐ Pontiac, MI (O) (248) 332-1940
- ☐ Rockford, IL (Q) (815) 874-2171
- ☐ Atlanta, GA (B) (770) 368-0636
- ☐ Brighton, CO (D) (303) 659-0497
- ☐ Charleston, SC (F) (843) 849-6550
- ☐ Columbia, SC (H) (803) 796-8989
- ☐ Davenport, IA (J) (319) 323-7944
- ☐ Indianapolis, IN (L) (317) 842-4261
- ☐ Macon, GA (N) (912) 757-0811
- ☐ Orlando, FL (P) (407) 851-2560
- ☐ Watertown, WI (R) (920) 261-1660

Client: IT Corp	Project No.: 781791
Report Address: 11499 Chester Rd Cincinnati, OH 45246	Invoice Address: 11499 Chester Rd Cincinnati, OH 45246
Attn: Chris Norman	Attn:
Phone No.: 513-782-4971	Sampled By: Voisard
Fax No.: 513-782-4700	P.O. No:
	Quote No.
	State Samples Collected OH

TURNAROUND TIME

☒ Standard

☐ Rush (surcharges may apply)

Date Needed:

REQUESTED PARAMETERS

Is this work being conducted for regulatory compliance monitoring? Yes ___ No X

Is this work being conducted for regulatory enforcement action? Yes ___ No X

Which regulations apply? RCRA ___ NPDES Waste Water ___ UST ___ Drinking Water ___ Other X ___ None ___

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	VOC	HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
WP-SP11-IW07-GW01	11-1-99	0905	G	GW		X	3						
WP-SP11-MW03-GW01	11-1-99	0950	G	GW		X	3						
WP-SP11-IW01-GW01	11-1-99	1110	G	GW		X	3						
WP-SP11-MW07-GW01	11-1-99	1218	G	GW		X	3						

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp

COMMENTS:

Relinquished By: Vick Voisard	Date 11-1-99	Time 3:50	Received By: [signature]	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time
Relinquished By:	Date	Time	Received By:	Date	Time

Custody Seal ___ Bottles Supplied by ___

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.
Page 6 of 6

Project Name WPAFB

Project No. 781791

Samples Shipment Date 10-22-99

ONE CONTAINER PER LINE

Sample 14 Number	Sample 15 Description/Type	Date/Time 16 Collected	Container 17 Type	Sample 18 Volume	Pre-19 servative	Requested Testing 20 Program	Condition on 21 Receipt	Disposal 22 Record No.
WP-SP11-MW03 GW82	Groundwater	10-22-99 1439	Glass	40mL	None			
GW83		1451						
GW84		1503						
GW85		1515						
GW86		1527						
GW87		1539						
GW88		1551						
GW 89		1603						
GW 90		1615						
GW 91		1627						
GW 92		1633						
GW 93		1639						
~~GW 94~~		~~1651~~						
~~GW 95~~		~~1703~~						
~~GW 96~~		~~1775~~						

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

COPY

Write Total Company Samples Yellow Field copy See back of form for special instructions

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552131
Page 1 of 1

Project Name/No. 1 WPAFB 78179/
Sample Team Members 2 Voisard
Profit Center No. 3
Project Manager 4 Bill Scoville
Purchase Order No. 6
Required Report Date 11

Samples Shipment Date 7 10-25-99
Lab Destination 8 NET
Lab Contact 9
Project Contact/Phone 12 Chris Norman 573-782-4971
Carrier/Waybill No. 13

Bill to: 5 IT Corp 11499 Chester Rd Cincinnati, OH 45246

Report to: 10 Chris Norman IT Corp 11499 Chester Rd Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Pre-servative 19	Requested Testing Program 20	Condition on Receipt 21	Disposal Record No. 22
WP-SP11-IW02-GW01	Groundwater	10-25-99 1055	Plastic	250mL	NONE	CL		
WP-SP11-IW06-GW01	"	10-25-99 1215	"	"	"	CL		
WP-SP11-IW04-GW01	"	10-25-99 1300	"	"	"	CL		

FOR LAB USE ONLY

FOR LAB USE ONLY

COPY

Special Instructions: 23

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: 25
Return to Client ☐ Disposal by Lab ☒ Archive ☐ (mos.)

Turnaround Time Required: 26
Normal ☒ Rush ☐

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by 28 (Signature/Affiliation) [signature] IT Corp	Date: 10-25-99 Time: 1640	1. Received by 28 (Signature/Affiliation) [signature] 978	Date: 10/25/99 Time: 1640
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: 29

White: To accompany samples
Yellow: Field copy
*See back of form for special instructions.

MCA 3/10

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552138
Page 1 of 1

Project Name/No. 1 WPAFB 781791
Sample Team Members 2 VV, JP
Profit Center No. 3
Project Manager 4 Chris Norman
Purchase Order No. 6
Required Report Date 11

Samples Shipment Date 7 10-22-99
Lab Destination 8 NET
Lab Contact 9
Project Contact/Phone 12 Chris Norman
Carrier/Waybill No. 13 513-782-4971

Bill to: 5 IT Corp
11499 Chester Rd
Cincinnati, OH 45246

Report to: 10 IT CORP
Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Pre-servative 19	Requested Testing Program 20	Condition on Receipt 21	Disposal Record No. 22
WP-SP11-MW07-GW01	GROUNDWATER	10-22-99 0948	Plastic	250	–	CL		
WP-SP11-IW01-GW01		10-22-99 1208	Plastic	250	–	CL		
WP-SP11-IW03-GW01		10-22-99 1409	Plastic	250	–	CL		
WP-SP11 IW05-GW01		10-22-99 1530	Plastic	250	–	CL		
WP-SP11-MW07-GW01		10-22-99 0948	Plastic	500	–	Total Alkalinity		
WP-SP11-MW07-GW01		10-22-99 0948	Plastic	500	HNO_3	Fe, Mn		
WP-SP11 IW05-GW01		10-22-99 1530	Plastic	500	HNO_3	Fe, Mn		
WP-SP11 IW05-GW01		10-22-99 1530	Plastic	500	–	Total Alkalinity		

FOR LAB USE ONLY

FOR LAB USE ONLY

COPY

10-22-99

Special Instructions: 23

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: 25
Return to Client ☐ Disposal by Lab ☒ Archive ____ (mos)

Turnaround Time Required: 26
Normal ☒ Rush ☐

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by 28 (Signature/Affiliation) [signature] IT Corporation	Date: 10-22-99 Time: 1724	1. Received by 28 (Signature/Affiliation) Robert Imboli 105 Clipper	Date: 10/22/99 Time: 1724
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: 29

White: To accompany samples. Yellow: Field copy. *See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No. 30

Page 5 of 6

Project Name WPAFB

Project No. 781791

Samples Shipment Date 10-22-99

ONE CONTAINER PER LINE

Sample 14 Number	Sample 15 Description/Type	Date/Time 16 Collected	Container 17 Type	Sample 18 Volume	Pre-19 servative	Requested Testing 20 Program	Condition on 21 Receipt	Disposal 22 Record No.
WP-SP11 MW03-GW62	GW	10-22-99 1145	G	40mL	NONE			
GW63		1151						
GW64		1157						
GW65		1203						
GW66		1209						
GW67		1215						
GW68		1221						
GW69		1227						
GW70		1233						
GW71		1239						
GW72		1245						
GW73		1251						
GW74		1257						
GW75		~~1303~~ 1315						
GW76		13~~09~~ 27						
GW77		13~~15~~ 39						
GW78		1351						
GW79	1403	~~1327~~						
GW80	1415	~~1333~~						
GW81	1427	~~1339~~						

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

FOR LAB USE ONLY

COPY

Make 1 to 4 company samples. Yellow: Field copy. See back of form for special instructions.

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 533156
Page 1 of 4 of 6

Project Name/No. [1] WPAFB
Sample Team Members [2] VV, JP
Profit Center No. [3]
Project Manager [4] B Scoville
Purchase Order No. [6] 1145
Required Report Date [11] 115

Samples Shipment Date [7] 10-22-99
Lab Destination [8] Knoxville, TN
Lab Contact [9]
Project Contact/Phone [12] Chris Norman
Carrier/Waybill No. [13] 8080284071 81

Bill to: [5] IT Corp

Report to: [10] Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
WP-SP11-MW03 GW54	Ground Water	10/22/99 0957	Glass	40ml	NONE			
GW55		1203						
GW56		1100						
GW 57		115						
GW 58		1121						
GW 59		1127						
GW 60		1133						
GW 61		1139						

FOR LAB USE ONLY

FOR LAB USE ONLY

COPY

Special Instructions: [23] Chris Norman 513-782-4971

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive ____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by [28] (Signature/Affiliation)	Date: 10-22-99 Time: 1700	1. Received by [28] (Signature/Affiliation)	Date: Time:
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

*White: To accompany samples. Yellow: Field copy. *See back of form for special instructions.

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552134
Page 3 of 6

Project Name/No. 1 WPAFB
Sample Team Members 2 VV, JF
Profit Center No. 3
Project Manager 4 Bill Scoville
Purchase Order No. 6
Required Report Date 11

Samples Shipment Date 7 10-22-99
Lab Destination 8 Knoxville, TN
Lab Contact 9
Project Contact/Phone 12 Chris Norman
Carrier/Waybill No. 13 8080284071 81

Bill to: 5 IT Corp

Report to: 10 Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Pre-servative 19	Requested Testing Program 20	Condition on Receipt 21	Disposal Record No. 22
WP-SP11-MW03-GW46	Groundwater	10-22-99 1009 ~~1015~~	Glass	40mL	NONE			
GW 47		1015 ~~1021~~						
GW48		1021						
GW49		1027						
GW50		1033						
GW51		1039						
GW52		1045						
GW53		1051						

COPY

FOR LAB USE ONLY

FOR LAB USE ONLY

Special Instructions: 23 Chris Norman 513-782-4971

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: 25
Return to Client ☐ Disposal by Lab ☒ Archive ____ (mos.)

Turnaround Time Required: 26
Normal ☒ Rush ☐

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by 28 (Signature/Affiliation) Vili 2 Voisard	Date: 10-22-99 Time: 1700	1. Received by 28 (Signature/Affiliation)	Date: Time:
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	

Comments: 29

White: To accompany samples Yellow: Field copy *See back of form for special [illegible]

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552133
Page 2 of 2

Project Name/No.[1] WPAFB 781791
Sample Team Members[2] VV, JP
Profit Center No.[3]
Project Manager[4] B. Scoville
Purchase Order No.[6]
Required Report Date[11]

Samples Shipment Date[7] 10-22-99
Lab Destination[8] Knoxville, TN
Lab Contact[9]
Project Contact/Phone[12] Chris Norman
Carrier/Waybill No.[13] 808028407181

Bill to:[5] IT Corp
Report to:[10] Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number[14]	Sample Description/Type[15]	Date/Time Collected[16]	Container Type[17]	Sample Volume[18]	Pre-servative[19]	Requested Testing Program[20]	Condition on Receipt[21]	Disposal Record No.[22]
WP-SPIT-MW03 GW38	Groundwater	0923	Glass	40mL	—		FOR LAB USE ONLY	
GW39		0929						
GW40		0935						
GW41		0941						
GW42		0947					FOR LAB USE ONLY	
GW43		0953						
GW44		0959						
GW45		1003						

COPY

Special Instructions:[23] Chris Norman 513-782-4971

Possible Hazard Identification:[24] Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:[25] Return to Client ☐ Disposal by Lab ☒ Archive (mos.)

Turnaround Time Required:[26] Normal ☒ Rush ☐

QC Level:[27] I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by[28] (Signature/Affiliation) [signature]	Date: 10-22-99 Time: 1700	1. Received by[28] (Signature/Affiliation)	Date: Time:
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments:[29]

White: To accompany samples Yellow: Field copy *See back of form for special instructions

INTERNATIONAL TECHNOLOGY CORPORATION 781791

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 552132
Page 1 of 1 of 6

Project Name/No. [1] WPAFB
Sample Team Members [2] VV, JP
Profit Center No. [3]
Project Manager [4] B. Scouille
Purchase Order No. [6]
Required Report Date [11]

Samples Shipment Date [7] 10-22-99
Lab Destination [8] Knoxville, TN
Lab Contact [9]
Project Contact/Phone [12] 513-782-4971
Carrier/Waybill No. [13] 8080284071 81

Bill to: [5] IT Corp
11499 Chester Rd
Cincinnati, OH 45246

Report to: [10] Chris Norman
11499 Chester Rd
Cincinnati, OH 45246

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
	Groundwater	~~10-21-99~~	Glass	40mL	—			
WP-SP11-MW03-GW31		10-21-99 0815					FOR LAB USE ONLY	
WP-SP11-MW03-GW32		10-22-99 0845						
GW33		0851						
GW34		0858					FOR LAB USE ONLY	
GW35		0906						
GW36		0911						
GW37		0917						

COPY

Special Instructions: [23] Chris Norman 513-782-4971

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify): _____

1. Relinquished by [28] (Signature/Affiliation) Vicki Vincent	Date: 10-22-99 Time: 1700	1. Received by [28] (Signature/Affiliation)	Date: Time:
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

White: To accompany samples
Yellow: Field copy
*See back of form for special instructions.

MCA 3/15/91

FedEx. USA Airbill FedEx Tracking Number 808028407181 Form I.D. No. 0210 SNA11 Sender's Copy

1 From (please print and press hard)

Date 10/22/99 Sender's FedEx Account Number 1782-9170-0

Sender's Name [illegible] Phone (513) 782-4700

Company IT CORPORATION

Address 11499 CHESTER RD Dept./Floor/Suite/Room

City CINCINNATI State OH ZIP 45246

2 Your Internal Billing Reference Information (Optional) (First 24 characters will appear on invoice) 781791

3 To (please print and press hard)

Recipient's Name Phone ( )

Company IT Corporation

Address 304 Directors Drive Dept./Floor/Suite/Room

To "HOLD" at FedEx location, print FedEx address here) (We Cannot Deliver to P.O. Boxes or P.O. ZIP Codes)

☐ Check here if residence (Extra charge applies for FedEx Express Saver)

City Knoxville State TN ZIP 37923-4700

For HOLD at FedEx Location check here

☐ Hold Weekday (Not available with FedEx First Overnight) ☐ Hold Saturday (Not available at all locations) (Available for FedEx Priority Overnight and FedEx 2Day only)

For WEEKEND Delivery check here (Extra Charge. Not available to all locations)

☒ Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day only) ☐ NEW Sunday Delivery (Available for FedEx Priority Overnight only)

4a Express Package Service *Packages under 150 lbs.* Delivery commitment may be later in some areas.

☒ FedEx Priority Overnight (Next business morning) ☐ FedEx Standard Overnight (Next business afternoon)

☐ FedEx First Overnight (Earliest next business morning delivery to select locations) (Higher rates apply)

☐ FedEx 2Day (Second business day) ☐ FedEx Express Saver (Third business day)

FedEx Letter Rate not available. Minimum charge: One pound rate.

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

☐ FedEx Overnight Freight (Next business day) ☐ FedEx 2Day Freight (Second business day) ☐ FedEx Express Saver Freight (Up to 3 business days)

(Call for delivery schedule. See back for detailed descriptions of freight services.)

5 Packaging ☐ FedEx Letter ☐ FedEx Pak (Declared value limit $500.) ☐ FedEx Box ☐ FedEx Tube ☒ Other Pkg.

6 Special Handling (One box must be checked)

Does this shipment contain dangerous goods?* ☐ No ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required)

☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg. ☐ Cargo Aircraft Only

*Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment

Bill to: ☒ Sender (Account No. in Section 1 will be billed) ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

(Enter FedEx Account No. or Credit Card No. below)

FedEx Account No.

Credit Card No. Exp. Date

Total Packages	Total Weight	Total Declared Value*	Total Charges
1	57	$ .00	$

*When declaring a value higher than $100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

8 Release Signature *Sign to authorize delivery without obtaining signature.*

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

321

Service Conditions, Declared Value, and Limit of Liability — By using this Airbill, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We will not be responsible for any claim in excess of $100 per package whether the result of loss, damage, or delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of $100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is $500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

Questions? Call 1-800-Go-FedEx® (800)463-3339

The World On Time.

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WCSL 0798
Rev. Date 3/98
Part #153023
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SNA11

FedEx. USA Airbill FedEx Tracking Number 808028407192 Form I.D. No. 0210 **Sender's Copy**

1 From (please print and press hard)

Date 10/22/99 Sender's FedEx Account Number 1782-9170-0

Sender's Name _____ Phone (513) 782-4700

Company IT CORPORATION

Address 11499 CHESTER RD Dept./Floor/Suite/Room

City CINCINNATI State OH ZIP 45246

2 Your Internal Billing Reference Information (Optional) (First 24 characters will appear on invoice) 781791

3 To (please print and press hard)

Recipient's Name _____ Phone (423) 690-3211

Company IT Corporation

Address 304 Directors Drive (To "HOLD" at FedEx location, print FedEx address here) (We Cannot Deliver to P.O. Boxes or P.O. ZIP Codes) Dept./Floor/Suite/Room

☐ Check here if residence (Extra charge applies for FedEx Express Saver)

City Knoxville State TN ZIP 37923-4700

For HOLD at FedEx Location check here

☐ Hold Weekday (Not available with FedEx First Overnight) ☐ Hold Saturday (Not available at all locations) (Available for FedEx Priority Overnight and FedEx 2Day only)

For WEEKEND Delivery check here (Extra Charge. Not available to all locations)

☒ Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day only) ☐ NEW Sunday Delivery (Available for FedEx Priority Overnight only)

Service Conditions, Declared Value, and Limit of Liability – By using this Airbill, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We' 'e responsible for any claim in excess of $100 per package whether the ss, damage, or delay, non-delivery, misdelivery, or misinformation, unl clare a higher value, pay an additional charge, and document your actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of $100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is $500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

4a Express Package Service *Packages under 150 lbs.* Delivery commitment may be later in some areas

☒ FedEx Priority Overnight (Next business morning) ☐ FedEx Standard Overnight (Next business afternoon)

☐ FedEx First Overnight (Earliest next business morning delivery to select locations)(Higher rates apply)

☐ FedEx 2Day (Second business day) ☐ FedEx Express Saver (Third business day)

FedEx Letter Rate not available. Minimum charge: One pound rate.

4b Express Freight Service *Packages over 150 lbs.* Delivery commitment may be later in some areas.

☐ FedEx Overnight Freight (Next business day) ☐ FedEx 2Day Freight (Second business day) ☐ FedEx Express Saver Freight (Up to 3 business days)

(Call for delivery schedule. See back for detailed descriptions of freight services.)

5 Packaging ☐ FedEx Letter ☐ FedEx Pak (Declared value limit $500.) ☐ FedEx Box ☐ FedEx Tube ☒ Other Pkg.

6 Special Handling (One box must be checked)

Does this shipment contain dangerous goods?* ☐ No ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required)

☐ Dry Ice Dry Ice, 9, UN 1845 _____ x _____ kg. ☐ Cargo Aircraft Only

*Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment

Bill to: ☒ Sender (Account No. in Section 1 will be billed) ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check (Enter FedEx Account No. or Credit Card No. below)

FedEx Account No. _____

Credit Card No. _____ Exp. Date _____

Total Packages	Total Weight	Total Declared Value*	Total Charges
1	50	$ .00	$

*When declaring a value higher than $100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

8 Release Signature *Sign to authorize delivery without obtaining signature.*

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

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Questions? **Call 1·800·Go·FedEx**$ (800)463-3339 *The World On Time.* 006824703 8

LANDMARK® CHAIN-OF-CUSTODY RECORD

LABORATORY & FIELD SERVICES DIVISION

05172

667 W. Main St. • Benton Harbor, MI 49023-1047 • Phone: 616-927-3004 • Fax: 616-927-3411

WORK ORDER NO.

Project Name	Project Location	
FAAB	WFAFB	
Project No.	**Client/Project Contact**	**Project Telephone No.**
781791		513-782-4700
		Project Fax No.

Analysis Desired (Indicate separate containers): 8260B

Due Date

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description (Include matrix and point of sample)	Number of Containers	Remarks
1	WP-FAAB SB10-SS01	9/30 1999	1035			Soil Boring SB10 4.0'-8.0'	X1	A031
2	SB10-SS02	9/30 1999	1040			Soil Boring SB10 8.0-12.0'	X1	A032
3	SB10-GW01	9/30 1999	1130			Groundwater	X2	A033
4	SB11-SS01	9/30 1999	1420			Soil Boring SB11 0.5-4.0'	X1	A034
5	SB11-SS02	9/30 1999	1425			Soil Boring SB11 4.0'-8.0'	X1	A035
6	SB11-GW01	9/30 1999	1500			Groundwater	X2	A036
7								
8								
9								
10								

Transfer Number	Item Number	Transfers Relinquished by	Transfers Accepted by	Date	Time
1	05172	Paul C. McCarter IT Corp 10-01-99	[signature]	10-1-99	9:30
2					
3					
4					

Remarks (Billing information or other instructions - please print)

Sampler's Signature

Print Name

Form FS1001 Field-Technical Services Rev.04/97

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LANDMARK® CHAIN-OF-CUSTODY RECORD

LABORATORY & FIELD SERVICES DIVISION

05171

667 W. Main St. • Benton Harbor, MI 49023-1047 • Phone: 616-927-3004 • Fax: 616-927-3411

WORK ORDER NO.

Project Name	Project Location
FAAB	WPAFB

Project No.	Client/Project Contact	Project Telephone No.
781791		

Project Fax No.

Analysis Desired (Indicate separate containers): 8260B

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description (Include matrix and point of sample)	Number of Containers	Remarks
1	WP-FAAB-SB06-GW01	9/29 1999	1215			Groundwater	x 2	A021
2	SB07-SS01	9/29 1999	1415			Soil Boring SB07 0.0-0.5	x 1	A022
3	SB07-SS02	9/29 1999	1418			Soil Boring SB07	x 1	A023
4	SB07-GW01	9/29 1999	1440			Groundwater	x 2	A024
5	SB08-SS01	9/29 1999	1600			Soil Boring SB08 4.0-8.0	x 1	A025
6	SB08-SS02	9/29 1999	1610			Soil Boring SB08 8.0-12.0	x 1	A026
7	SB08-GW01	9/29 1999	1620			Groundwater	x 2	A027
8	SB09-SS01	9/30 1999	0850			Soil Boring SB09 0.0-0.5	x 1	A028
9	SB09-SS02	9/30 1999	0852			Soil Boring SB09 0.5-4.0	x 1	A029
10	SB09-GW01	9/30 1999	0920			Groundwater	x 2	A030

Transfer Number	Item Number	Transfers Relinquished by	Transfers Accepted by	Date	Time
1	05171	Paul C. McCann IT @ 1235 9/30/99	[signature]	9/30	1220PM
2					
3					
4					

Remarks (Billing information or other instructions - please print)

Sampler's Signature

Print Name

Form FS Field-Technical Services Rev.04/97

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LANDMARK® CHAIN-OF-CUSTODY RECORD

LABORATORY & FIELD SERVICES DIVISION

05170

667 W. Main St. • Benton Harbor, MI 49023-1047 • Phone: 616-927-3004 • Fax: 616-927-3411

WORK ORDER NO.

Project Name	Project Location	Project No.	Client/Project Contact	Project Telephone No.	Project Fax No.
WPAFB - SP11	WPAFB	781741		513-782-4700	513-782-

Due Date: ☐ Rush ☐ Standard

Analysis Desired (Indicate separate containers): 8260B

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description (Include matrix and point of sample)	Number of Containers	Remarks
1	WP-FAAB-SB04-SS01	9/29 1999	0850			Soil Boring SB04 0.0 0.5'	x1	A011
2	SB04-SS02	9/29 1999	0900			Soil Boring SB04 4.0'-8.0'	x1	A012
3	SB04-GW01	9/29 1999	0715			Groundwater	x2	A013
4	SB05-SS01	9/29 1999	1020			Soil Boring SB05 0.0-0.5	x1	A014
5	SB05-SS02	9/29 1999	1025			Soil Boring SB05 0.5-4.0	x1	A015
6	SB05-SS52	7/29 1999	1025			Soil Boring SB05 0.5-4.0	x1	A016
7	SB05-GW01	7/29 1999	1040			Groundwater	x2	A017
8	SB05-GW51	7/29 1999	1040			Groundwater	x2	A018
9	SB06-SS01	7/29 1999	1120			Soil Boring SB06 0.0-0.5'	x1	A019
10	SB06-SS02	[illegible] 1999	1122			Soil Boring SB06 0.5-4.0	x1	A020

Transfer Number	Item Number	Transfers Relinquished by	Transfers Accepted by	Date	Time
1	05170	Paul C McCreen IT @1255	[signature]	7/29	10:30PM
2					
3					
4					

Remarks (Billing information or other instructions - please print)

Sampler's Signature

Print Name

Form FS1001 Field-Technical Services Rev.04/97

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LANDMARK® LABORATORY & FIELD SERVICES DIVISION — CHAIN-OF-CUSTODY RECORD

05169

667 W. Main St. • Benton Harbor, MI 49023-1047 • Phone: 616-927-3004 • Fax: 616-927-3411

WORK ORDER NO.

Project Name	Project Location	Project Telephone No.
WFAFB - SFII	WFAFB	513-782-4200
Project No.	**Client/Project Contact**	**Project Fax No.**
781791		513-782-

Due Date: ☐ Rush ☐ Standard

Analysis Desired (Indicate separate containers): 8260B

Item No.	Sample Number	Date	Time	Comp	Grab	Sample Description (Include matrix and point of sample)	Number of Containers	Remarks
1	WF-FAAB-SB01-SS01	9/28 1999	1100			Soil Soil boring SB01 0.0-0.5'	x1	A001 ~~A001~~ ~~A001~~
2	WF-FAAB-SB01-SS02	9/28 1999	1115			Soil - Soil boring SB01 4.0-5.0	x1	~~A002~~ A002
3	WF-FAAB-SB01-GW01	9/28 1999	1400			Groundwater	40ml x2	A001 ~~A003~~ A003
4	WF-FAAB-SB02-SS01	9/28 1999	1430			Soil boring SB02 0.0-0.5'	x1	A004
5	WF-FAAB-SB02-SS02	9/28 1999	1445			Soil boring SB02 4.0-5.0'	x1	A005
6	WF-FAAB-SB02-GW01	9/28 1999	1505			Groundwater	40ml x2	A006
7	DP SB02-GW02	9/28 1999	1605			Groundwater	40ml x2	A007
8	SB03-SS01	9/28 1999	1630			Soil Boring SB03 0.0-0.5	x1	A008
9	SB03-SS02	↓	1650			Soil Boring SB03 4.0-5.0	x1	A009
10	SB03-GW01	↓	1715			Groundwater	40ml x2	A010

Transfer Number	Item Number	Transfers Relinquished by	Transfers Accepted by	Date	Time
1	05167	[illegible]	[illegible]	9/28	6:00 PM
2					
3					
4					

Remarks (Billing information or other instructions - please print)

Sampler's Signature

Print Name

Form FS[illegible] Field-Technical Services Rev.04/97

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