N00158.AR.000259
NAS WILLOW GROVE
5090.3a

TETRA TECH NUS

PHIL- 21201

TO: RUSS TURNER **DATE:** JULY 10, 2007

FROM: MEGAN RITCHIE **COPIES:** FILE

SUBJECT: ORGANIC DATA VALIDATION – VOC, SVOC, AND PESTICIDE/PCB
NAS JRB WILLOW GROVE SITE 3, WILLOW GROVE, PENNSYLVANIA
SDG NO. C7E040173

SAMPLES: **2/Aqueous/**

03TB-04 03-FB-050307

4/Solid/

03TP09-0506-01 03TP09-0506-02 03TP10-0405-01 03TP10-0304-02

OVERVIEW

The sample set for the NAS JRB Willow Grove Site 3 Test Pits – Willow Grove, PA, SDG C7E040173 consists of 4 solid environmental samples (designated 03TP09- and 03TP10-), and 2 field quality control (QC) blanks (designated 03TB- and 03-FB-). No samples were designated for matrix spike/matrix spike duplicate (MS/MSD) analyses. No field duplicate pairs were included in this sample set. All samples except the trip blank were analyzed for select Volatile Organic Compounds (VOCs), Semivolatile Organic Compounds (SVOCs), pesticides, and Polychlorinated Biphenyls (PCBs). The trip blank was analyzed for VOCs only.

The samples were collected by Tetra Tech NUS on May 3, 2007 and analyzed by Severn Trent Laboratories (STL) of Pittsburgh, Pennsylvania.

All analyses were conducted using EPA SW-846 Methods. VOCs were analyzed by 8260B, SVOCs by 8270C, and pesticides by 8081A, and PCBs by 8082.

SUMMARY

All analytes were successfully analyzed in all samples. The findings offered in this report are based upon a general review of all available data including data completeness, holding times until analysis, GC/MS tuning and calibration data, laboratory and field quality control blank results, system monitoring compound recoveries, matrix spike/matrix spike duplicate results, laboratory control spike/spike duplicate results, internal standards performance, compound identification, and compound quantitation.

MINOR PROBLEMS

- The following table summarizes the analytes detected as contaminants in the laboratory blank at the maximum concentration indicated:

Compound	Maximum Concentration	Action Level
Methylene Chloride	1.6 ug/Kg	16 ug/Kg

Samples affected: The soil action levels apply to all soil samples.

Adjustments were made for the samples aliquot size, percent moisture, and dilution factors. Results reported at concentrations within the action level are qualified (B) and are considered to be false positives (artifacts of blank contamination).

- The internal standard area for perylene-d_{12} exceeded the upper QC limit of +100% in sample 03-FB-050307. The non-detected results for compound concentrations quantitated using perylene-d_{12} were qualified as estimated (UJ).
- The percent difference (%D) between the detected concentrations on two columns exceeded the QC criteria of ±25% for alpha-chlordane in sample 03TP10-0405-01. This result was qualified as estimated (J).
- The aqueous LCS recovery for fluoranthene was below the lower QC limit of 55%. The non-detected fluoranthene results in sample 03-FB-050307 was qualified as biased low (UL).
- Positive results at concentrations less than the reporting limits (RLs) were qualified as estimated (J).

N t s

Volatiles

The continuing calibration percent difference (%D) for 2-hexanone exceeded the QC criteria of 25%. No qualifications were made because there were no positive detections of 2-hexanone in the associated samples.

Recoveries for acetone and 2-hexanone exceeded the upper QC limits in the aqueous LCS. No qualifications were made because there were no detections of acetone or 2-hexanone in the associated sample.

Bromoform was detected in one field QC blank. Bromoform was not detected in the environmental samples, therefore, no action was taken.

Semivolatiles

The initial calibration RSD for benzaldehyde exceeded the 30% criteria. No qualifications were made because there were no positive detections of these compounds.

The soil LCS recovery for 3+4-methylphenol exceeded the upper QC limit of 105%. No action was taken because these compounds were not detected in the soil environmental samples.

EXECUTIVE SUMMARY

Laboratory Performance: Methylene chloride was detected in the laboratory method blank. One VOC compound %D exceeded continuing calibration criteria. One SVOC compound RSD exceeded initial calibration criteria. Two LCS compound recoveries exceeded criteria in the VOC analysis. One LCS compound recovery exceeded criteria in the SVOC analysis. One LCS compound recovery was below the lower QC criteria in the SVOC analysis. One SVOC internal standard area in a field QC blank exceeded the QC limit.

Other Factors Affecting Data Quality: Bromoform was detected in a field QC blank. The detected pesticide concentration between two columns exceeded QC criteria for one pesticide compound in one sample.

The data for these analyses were reviewed with reference to the EPA "Functional Guidelines for Organic Data Review", as amended for use within EPA Region 3 (9/94).

The text of this report has been formatted to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the Functional Guidelines and the Quality Assurance Project Plan (QAPjP)."

Megan N. Ritchie
Chemist

Tetra Tech NUS, Inc.
Russell Sloboda
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Laboratory Analytical Results
3. Appendix C – Support Documentation

APPENDIX A

Qualified Analytical Results

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP09-0506-01	nsample	03TP09-0506-01	nsample	03TP09-0506-02
samp_date	5/3/2007	samp_date	5/3/2007	samp_date	5/3/2007
lab_id	C7E040173001	lab_id	C7E040173001	lab_id	C7E040173002
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	80.0	Pct_Solids	80.0	Pct_Solids	79.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.7	U	
1,1,2,2-TETRACHLOROETHANE	5.7	U	
1,1,2-TRICHLOROETHANE	5.7	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.7	U	
1,1-DICHLOROETHANE	5.7	U	
1,1-DICHLOROETHENE	5.7	U	
1,2,3-TRICHLOROBENZENE	5.7	U	
1,2,4-TRICHLOROBENZENE	5.7	U	
1,2-DIBROMO-3-CHLOROPROPANE	5.7	U	
1,2-DIBROMOETHANE	5.7	U	
1,2-DICHLOROBENZENE	5.7	U	
1,2-DICHLOROETHANE	5.7	U	
1,2-DICHLOROPROPANE	5.7	U	
1,3-DICHLOROBENZENE	5.7	U	
1,4-DICHLOROBENZENE	5.7	U	
2-BUTANONE	5.7	U	
2-HEXANONE	5.7	U	
4-METHYL-2-PENTANONE	5.7	U	
ACETONE	23	U	
BENZENE	5.7	U	
BROMOCHLOROMETHANE	5.7	U	
BROMODICHLOROMETHANE	5.7	U	
BROMOFORM	5.7	U	
BROMOMETHANE	5.7	U	
CARBON DISULFIDE	5.7	U	
CARBON TETRACHLORIDE	5.7	U	
CHLOROBENZENE	5.7	U	
CHLORODIBROMOMETHANE	5.7	U	
CHLOROETHANE	5.7	U	
CHLOROFORM	5.7	U	
CHLOROMETHANE	5.7	U	
CIS-1,2-DICHLOROETHENE	5.7	U	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5.7	U	
CYCLOHEXANE	5.7	U	
DICHLORODIFLUOROMETHANE	5.7	U	
ETHYLBENZENE	5.7	U	
ISOPROPYLBENZENE	5.7	U	
M+P-XYLENES	11	U	
METHYL ACETATE	5.7	U	
METHYL CYCLOHEXANE	5.7	U	
METHYL TERT-BUTYL ETHER	5.7	U	
METHYLENE CHLORIDE	3.4	B	A
O-XYLENE	5.7	U	
STYRENE	5.7	U	
TETRACHLOROETHENE	5.7	U	
TOLUENE	5.7	U	
TRANS-1,2-DICHLOROETHENE	5.7	U	
TRANS-1,3-DICHLOROPROPENE	5.7	U	
TRICHLOROETHENE	5.7	U	
TRICHLOROFLUOROMETHANE	5.7	U	
VINYL CHLORIDE	5.7	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.9	U	
1,1,2,2-TETRACHLOROETHANE	5.9	U	
1,1,2-TRICHLOROETHANE	5.9	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.9	U	
1,1-DICHLOROETHANE	5.9	U	
1,1-DICHLOROETHENE	5.9	U	
1,2,3-TRICHLOROBENZENE	5.9	U	
1,2,4-TRICHLOROBENZENE	5.9	U	
1,2-DIBROMO-3-CHLOROPROPANE	5.9	U	
1,2-DIBROMOETHANE	5.9	U	
1,2-DICHLOROBENZENE	5.9	U	
1,2-DICHLOROETHANE	5.9	U	
1,2-DICHLOROPROPANE	5.9	U	
1,3-DICHLOROBENZENE	5.9	U	
1,4-DICHLOROBENZENE	5.9	U	
2-BUTANONE	5.9	U	
2-HEXANONE	5.9	U	
4-METHYL-2-PENTANONE	5.9	U	
ACETONE	24	U	
BENZENE	5.9	U	
BROMOCHLOROMETHANE	5.9	U	
BROMODICHLOROMETHANE	5.9	U	
BROMOFORM	5.9	U	
BROMOMETHANE	5.9	U	
CARBON DISULFIDE	5.9	U	
CARBON TETRACHLORIDE	5.9	U	
CHLOROBENZENE	5.9	U	
CHLORODIBROMOMETHANE	5.9	U	
CHLOROETHANE	5.9	U	
CHLOROFORM	5.9	U	
CHLOROMETHANE	5.9	U	
CIS-1,2-DICHLOROETHENE	5.9	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP09-0506-02
samp_date	5/3/2007
lab_id	C7E040173002
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5.9	U	
CYCLOHEXANE	5.9	U	
DICHLORODIFLUOROMETHANE	5.9	U	
ETHYLBENZENE	5.9	U	
ISOPROPYLBENZENE	5.9	U	
M+P-XYLENES	12	U	
METHYL ACETATE	5.9	U	
METHYL CYCLOHEXANE	5.9	U	
METHYL TERT-BUTYL ETHER	5.9	U	
METHYLENE CHLORIDE	6.1	B	A
O-XYLENE	5.9	U	
STYRENE	5.9	U	
TETRACHLOROETHENE	5.9	U	
TOLUENE	5.9	U	
TRANS-1,2-DICHLOROETHENE	5.9	U	
TRANS-1,3-DICHLOROPROPENE	5.9	U	
TRICHLOROETHENE	5.9	U	
TRICHLOROFLUOROMETHANE	5.9	U	
VINYL CHLORIDE	5.9	U	

nsample	03TP10-0304-02
samp_date	5/3/2007
lab_id	C7E040173004
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	6.3	U	
1,1,2,2-TETRACHLOROETHANE	6.3	U	
1,1,2-TRICHLOROETHANE	6.3	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	6.3	U	
1,1-DICHLOROETHANE	6.3	U	
1,1-DICHLOROETHENE	6.3	U	
1,2,3-TRICHLOROBENZENE	6.3	U	
1,2,4-TRICHLOROBENZENE	6.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	6.3	U	
1,2-DIBROMOETHANE	6.3	U	
1,2-DICHLOROBENZENE	6.3	U	
1,2-DICHLOROETHANE	6.3	U	
1,2-DICHLOROPROPANE	6.3	U	
1,3-DICHLOROBENZENE	6.3	U	
1,4-DICHLOROBENZENE	6.3	U	
2-BUTANONE	6.3	U	
2-HEXANONE	6.3	U	
4-METHYL-2-PENTANONE	6.3	U	
ACETONE	25	U	
BENZENE	6.3	U	
BROMOCHLOROMETHANE	6.3	U	
BROMODICHLOROMETHANE	6.3	U	
BROMOFORM	6.3	U	
BROMOMETHANE	6.3	U	
CARBON DISULFIDE	6.3	U	
CARBON TETRACHLORIDE	6.3	U	
CHLOROBENZENE	6.3	U	
CHLORODIBROMOMETHANE	6.3	U	
CHLOROETHANE	6.3	U	
CHLOROFORM	6.3	U	
CHLOROMETHANE	6.3	U	
CIS-1,2-DICHLOROETHENE	6.3	U	

nsample	03TP10-0304-02
samp_date	5/3/2007
lab_id	C7E040173004
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	6.3	U	
CYCLOHEXANE	6.3	U	
DICHLORODIFLUOROMETHANE	6.3	U	
ETHYLBENZENE	6.3	U	
ISOPROPYLBENZENE	6.3	U	
M+P-XYLENES	13	U	
METHYL ACETATE	6.3	U	
METHYL CYCLOHEXANE	6.3	U	
METHYL TERT-BUTYL ETHER	6.3	U	
METHYLENE CHLORIDE	3.4	B	A
O-XYLENE	6.3	U	
STYRENE	6.3	U	
TETRACHLOROETHENE	6.3	U	
TOLUENE	6.3	U	
TRANS-1,2-DICHLOROETHENE	6.3	U	
TRANS-1,3-DICHLOROPROPENE	6.3	U	
TRICHLOROETHENE	6.3	U	
TRICHLOROFLUOROMETHANE	6.3	U	
VINYL CHLORIDE	6.3	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: OV

nsample	03TP10-0405-01	nsample	03TP10-0405-01
samp_date	5/3/2007	samp_date	5/3/2007
lab_id	C7E040173003	lab_id	C7E040173003
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	82.0	Pct_Solids	82.0
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.6	U	
1,1,2,2-TETRACHLOROETHANE	5.6	U	
1,1,2-TRICHLOROETHANE	5.6	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.6	U	
1,1-DICHLOROETHANE	5.6	U	
1,1-DICHLOROETHENE	5.6	U	
1,2,3-TRICHLOROBENZENE	5.6	U	
1,2,4-TRICHLOROBENZENE	5.6	U	
1,2-DIBROMO-3-CHLOROPROPANE	5.6	U	
1,2-DIBROMOETHANE	5.6	U	
1,2-DICHLOROBENZENE	5.6	U	
1,2-DICHLOROETHANE	5.6	U	
1,2-DICHLOROPROPANE	5.6	U	
1,3-DICHLOROBENZENE	5.6	U	
1,4-DICHLOROBENZENE	5.6	U	
2-BUTANONE	5.6	U	
2-HEXANONE	5.6	U	
4-METHYL-2-PENTANONE	5.6	U	
ACETONE	22	U	
BENZENE	5.6	U	
BROMOCHLOROMETHANE	5.6	U	
BROMODICHLOROMETHANE	5.6	U	
BROMOFORM	5.6	U	
BROMOMETHANE	5.6	U	
CARBON DISULFIDE	5.6	U	
CARBON TETRACHLORIDE	5.6	U	
CHLOROBENZENE	5.6	U	
CHLORODIBROMOMETHANE	5.6	U	
CHLOROETHANE	5.6	U	
CHLOROFORM	5.6	U	
CHLOROMETHANE	5.6	U	
CIS-1,2-DICHLOROETHENE	5.6	U	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5.6	U	
CYCLOHEXANE	5.6	U	
DICHLORODIFLUOROMETHANE	5.6	U	
ETHYLBENZENE	5.6	U	
ISOPROPYLBENZENE	5.6	U	
M+P-XYLENES	11	U	
METHYL ACETATE	5.6	U	
METHYL CYCLOHEXANE	5.6	U	
METHYL TERT-BUTYL ETHER	5.6	U	
METHYLENE CHLORIDE	2.4	B	A
O-XYLENE	5.6	U	
STYRENE	5.6	U	
TETRACHLOROETHENE	5.6	U	
TOLUENE	5.6	U	
TRANS-1,2-DICHLOROETHENE	5.6	U	
TRANS-1,3-DICHLOROPROPENE	5.6	U	
TRICHLOROETHENE	5.6	U	
TRICHLOROFLUOROMETHANE	5.6	U	
VINYL CHLORIDE	5.6	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: WATER DATA FRACTION: OV

nsample	03-FB-050307	nsample	03-FB-050307	nsample	03TB-04
samp_date	5/3/2007	samp_date	5/3/2007	samp_date	5/3/2007
lab_id	C7E040173006	lab_id	C7E040173006	lab_id	C7E040173005
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5	U	
1,1,2,2-TETRACHLOROETHANE	5	U	
1,1,2-TRICHLOROETHANE	5	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5	U	
1,1-DICHLOROETHANE	5	U	
1,1-DICHLOROETHENE	5	U	
1,2,3-TRICHLOROBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	5	U	
1,2-DIBROMO-3-CHLOROPROPANE	5	U	
1,2-DIBROMOETHANE	5	U	
1,2-DICHLOROBENZENE	5	U	
1,2-DICHLOROETHANE	5	U	
1,2-DICHLOROPROPANE	5	U	
1,3-DICHLOROBENZENE	5	U	
1,4-DICHLOROBENZENE	5	U	
2-BUTANONE	5	U	
2-HEXANONE	5	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	20	U	
BENZENE	5	U	
BROMOCHLOROMETHANE	5	U	
BROMODICHLOROMETHANE	5	U	
BROMOFORM	2.4	J	P
BROMOMETHANE	5	U	
CARBON DISULFIDE	5	U	
CARBON TETRACHLORIDE	5	U	
CHLOROBENZENE	5	U	
CHLORODIBROMOMETHANE	5	U	
CHLOROETHANE	5	U	
CHLOROFORM	5	U	
CHLOROMETHANE	5	U	
CIS-1,2-DICHLOROETHENE	5	U	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5	U	
CYCLOHEXANE	5	U	
DICHLORODIFLUOROMETHANE	5	U	
ETHYLBENZENE	5	U	
ISOPROPYLBENZENE	5	U	
M+P-XYLENES	10	U	
METHYL ACETATE	5	U	
METHYL CYCLOHEXANE	5	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	5	U	
O-XYLENE	5	U	
STYRENE	5	U	
TETRACHLOROETHENE	5	U	
TOLUENE	5	U	
TRANS-1,2-DICHLOROETHENE	5	U	
TRANS-1,3-DICHLOROPROPENE	5	U	
TRICHLOROETHENE	5	U	
TRICHLOROFLUOROMETHANE	5	U	
VINYL CHLORIDE	5	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5	U	
1,1,2,2-TETRACHLOROETHANE	5	U	
1,1,2-TRICHLOROETHANE	5	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5	U	
1,1-DICHLOROETHANE	5	U	
1,1-DICHLOROETHENE	5	U	
1,2,3-TRICHLOROBENZENE	5	U	
1,2,4-TRICHLOROBENZENE	5	U	
1,2-DIBROMO-3-CHLOROPROPANE	5	U	
1,2-DIBROMOETHANE	5	U	
1,2-DICHLOROBENZENE	5	U	
1,2-DICHLOROETHANE	5	U	
1,2-DICHLOROPROPANE	5	U	
1,3-DICHLOROBENZENE	5	U	
1,4-DICHLOROBENZENE	5	U	
2-BUTANONE	5	U	
2-HEXANONE	5	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	20	U	
BENZENE	5	U	
BROMOCHLOROMETHANE	5	U	
BROMODICHLOROMETHANE	5	U	
BROMOFORM	5	U	
BROMOMETHANE	5	U	
CARBON DISULFIDE	5	U	
CARBON TETRACHLORIDE	5	U	
CHLOROBENZENE	5	U	
CHLORODIBROMOMETHANE	5	U	
CHLOROETHANE	5	U	
CHLOROFORM	5	U	
CHLOROMETHANE	5	U	
CIS-1,2-DICHLOROETHENE	5	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: WATER DATA FRACTION: OV

nsample	03TB-04
samp_date	5/3/2007
lab_id	C7E040173005
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CIS-1,3-DICHLOROPROPENE	5	U	
CYCLOHEXANE	5	U	
DICHLORODIFLUOROMETHANE	5	U	
ETHYLBENZENE	5	U	
ISOPROPYLBENZENE	5	U	
M+P-XYLENES	10	U	
METHYL ACETATE	5	U	
METHYL CYCLOHEXANE	5	U	
METHYL TERT-BUTYL ETHER	5	U	
METHYLENE CHLORIDE	5	U	
O-XYLENE	5	U	
STYRENE	5	U	
TETRACHLOROETHENE	5	U	
TOLUENE	5	U	
TRANS-1,2-DICHLOROETHENE	5	U	
TRANS-1,3-DICHLOROPROPENE	5	U	
TRICHLOROETHENE	5	U	
TRICHLOROFLUOROMETHANE	5	U	
VINYL CHLORIDE	5	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP09-0506-01
samp_date	5/3/2007
lab_id	C7E040173001
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1-BIPHENYL	410	U	U	
1,2,4,5-TETRACHLOROBENZENE	410	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	410	U	U	
2,3,4,6-TETRACHLOROPHENOL	410	U	U	
2,4,5-TRICHLOROPHENOL	410	U	U	
2,4,6-TRICHLOROPHENOL	410	U	U	
2,4-DICHLOROPHENOL	410	U	U	
2,4-DIMETHYLPHENOL	410	U	U	
2,4-DINITROPHENOL	2000	U	U	
2,4-DINITROTOLUENE	410	U	U	
2,6-DINITROTOLUENE	410	U	U	
2-CHLORONAPHTHALENE	410	U	U	
2-CHLOROPHENOL	410	U	U	
2-METHYLNAPHTHALENE	410	U	U	
2-METHYLPHENOL	410	U	U	
2-NITROANILINE	2000	U	U	
2-NITROPHENOL	410	U	U	
3,3'-DICHLOROBENZIDINE	2000	U	U	
3-NITROANILINE	2000	U	U	
4,6-DINITRO-2-METHYLPHENOL	2000	U	U	
4-BROMOPHENYL PHENYL ETHER	410	U	U	
4-CHLORO-3-METHYLPHENOL	410	U	U	
4-CHLOROANILINE	410	U	U	
4-CHLOROPHENYL PHENYL ETHER	410	U	U	
4-METHYLPHENOL	410	U	U	
4-NITROANILINE	2000	U	U	
4-NITROPHENOL	2000	U	U	
ACENAPHTHENE	410	U	U	
ACENAPHTHYLENE	410	U	U	
ACETOPHENONE	410	U	U	
ANTHRACENE	410	U	U	
ATRAZINE	410	U	U	

nsample	03TP09-0506-01
samp_date	5/3/2007
lab_id	C7E040173001
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZALDEHYDE	410	U	U	
BENZO(A)ANTHRACENE	410	U	U	
BENZO(A)PYRENE	410	U	U	
BENZO(B)FLUORANTHENE	410	U	U	
BENZO(G,H,I)PERYLENE	410	U	U	
BENZO(K)FLUORANTHENE	410	U	U	
BIS(2-CHLOROETHOXY)METHANE	410	U	U	
BIS(2-CHLOROETHYL)ETHER	410	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	410	U	U	
BUTYL BENZYL PHTHALATE	410	U	U	
CAPROLACTAM	410	U	U	
CARBAZOLE	410	U	U	
CHRYSENE	410	U	U	
DIBENZO(A,H)ANTHRACENE	410	U	U	
DIBENZOFURAN	410	U	U	
DIETHYL PHTHALATE	410	U	U	
DIMETHYL PHTHALATE	410	U	U	
DI-N-BUTYL PHTHALATE	410	U	U	
DI-N-OCTYL PHTHALATE	410	U	U	
FLUORANTHENE	410	U	U	
FLUORENE	410	U	U	
HEXACHLOROBENZENE	410	U	U	
HEXACHLOROBUTADIENE	410	U	U	
HEXACHLOROCYCLOPENTADIENE	2000	U	U	
HEXACHLOROETHANE	410	U	U	
INDENO(1,2,3-CD)PYRENE	410	U	U	
ISOPHORONE	410	U	U	
NAPHTHALENE	410	U	U	
NITROBENZENE	410	U	U	
N-NITROSO-DI-N-PROPYLAMINE	410	U	U	
N-NITROSODIPHENYLAMINE	410	U	U	
PENTACHLOROPHENOL	2000	U	U	

nsample	03TP09-0506-01
samp_date	5/3/2007
lab_id	C7E040173001
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
PHENANTHRENE	410	U	U	
PHENOL	410	U	U	
PYRENE	410	U	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP09-0506-02
samp_date	5/3/2007
lab_id	C7E040173002
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1-BIPHENYL	420	U	U	
1,2,4,5-TETRACHLOROBENZENE	420	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	420	U	U	
2,3,4,6-TETRACHLOROPHENOL	420	U	U	
2,4,5-TRICHLOROPHENOL	420	U	U	
2,4,6-TRICHLOROPHENOL	420	U	U	
2,4-DICHLOROPHENOL	420	U	U	
2,4-DIMETHYLPHENOL	420	U	U	
2,4-DINITROPHENOL	2000	U	U	
2,4-DINITROTOLUENE	420	U	U	
2,6-DINITROTOLUENE	420	U	U	
2-CHLORONAPHTHALENE	420	U	U	
2-CHLOROPHENOL	420	U	U	
2-METHYLNAPHTHALENE	420	U	U	
2-METHYLPHENOL	420	U	U	
2-NITROANILINE	2000	U	U	
2-NITROPHENOL	420	U	U	
3,3'-DICHLOROBENZIDINE	2000	U	U	
3-NITROANILINE	2000	U	U	
4,6-DINITRO-2-METHYLPHENOL	2000	U	U	
4-BROMOPHENYL PHENYL ETHER	420	U	U	
4-CHLORO-3-METHYLPHENOL	420	U	U	
4-CHLOROANILINE	420	U	U	
4-CHLOROPHENYL PHENYL ETHER	420	U	U	
4-METHYLPHENOL	420	U	U	
4-NITROANILINE	2000	U	U	
4-NITROPHENOL	2000	U	U	
ACENAPHTHENE	420	U	U	
ACENAPHTHYLENE	420	U	U	
ACETOPHENONE	420	U	U	
ANTHRACENE	420	U	U	
ATRAZINE	420	U	U	

nsample	03TP09-0506-02
samp_date	5/3/2007
lab_id	C7E040173002
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZALDEHYDE	420	U	U	
BENZO(A)ANTHRACENE	420	U	U	
BENZO(A)PYRENE	420	U	U	
BENZO(B)FLUORANTHENE	420	U	U	
BENZO(G,H,I)PERYLENE	420	U	U	
BENZO(K)FLUORANTHENE	420	U	U	
BIS(2-CHLOROETHOXY)METHANE	420	U	U	
BIS(2-CHLOROETHYL)ETHER	420	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	420	U	U	
BUTYL BENZYL PHTHALATE	420	U	U	
CAPROLACTAM	420	U	U	
CARBAZOLE	420	U	U	
CHRYSENE	420	U	U	
DIBENZO(A,H)ANTHRACENE	420	U	U	
DIBENZOFURAN	420	U	U	
DIETHYL PHTHALATE	420	U	U	
DIMETHYL PHTHALATE	420	U	U	
DI-N-BUTYL PHTHALATE	420	U	U	
DI-N-OCTYL PHTHALATE	420	U	U	
FLUORANTHENE	420	U	U	
FLUORENE	420	U	U	
HEXACHLOROBENZENE	420	U	U	
HEXACHLOROBUTADIENE	420	U	U	
HEXACHLOROCYCLOPENTADIENE	2000	U	U	
HEXACHLOROETHANE	420	U	U	
INDENO(1,2,3-CD)PYRENE	420	U	U	
ISOPHORONE	420	U	U	
NAPHTHALENE	420	U	U	
NITROBENZENE	420	U	U	
N-NITROSO-DI-N-PROPYLAMINE	420	U	U	
N-NITROSODIPHENYLAMINE	420	U	U	
PENTACHLOROPHENOL	2000	U	U	

nsample	03TP09-0506-02
samp_date	5/3/2007
lab_id	C7E040173002
qc_type	NM
units	UG/KG
Pct_Solids	79.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
PHENANTHRENE	420	U	U	
PHENOL	420	U	U	
PYRENE	420	U	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP10-0304-02
samp_date	5/3/2007
lab_id	C7E040173004
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1-BIPHENYL	400	U	U	
1,2,4,5-TETRACHLOROBENZENE	400	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	400	U	U	
2,3,4,6-TETRACHLOROPHENOL	400	U	U	
2,4,5-TRICHLOROPHENOL	400	U	U	
2,4,6-TRICHLOROPHENOL	400	U	U	
2,4-DICHLOROPHENOL	400	U	U	
2,4-DIMETHYLPHENOL	400	U	U	
2,4-DINITROPHENOL	1900	U	U	
2,4-DINITROTOLUENE	400	U	U	
2,6-DINITROTOLUENE	400	U	U	
2-CHLORONAPHTHALENE	400	U	U	
2-CHLOROPHENOL	400	U	U	
2-METHYLNAPHTHALENE	400	U	U	
2-METHYLPHENOL	400	U	U	
2-NITROANILINE	1900	U	U	
2-NITROPHENOL	400	U	U	
3,3'-DICHLOROBENZIDINE	1900	U	U	
3-NITROANILINE	1900	U	U	
4,6-DINITRO-2-METHYLPHENOL	1900	U	U	
4-BROMOPHENYL PHENYL ETHER	400	U	U	
4-CHLORO-3-METHYLPHENOL	400	U	U	
4-CHLOROANILINE	400	U	U	
4-CHLOROPHENYL PHENYL ETHER	400	U	U	
4-METHYLPHENOL	400	U	U	
4-NITROANILINE	1900	U	U	
4-NITROPHENOL	1900	U	U	
ACENAPHTHENE	400	U	U	
ACENAPHTHYLENE	400	U	U	
ACETOPHENONE	400	U	U	
ANTHRACENE	400	U	U	
ATRAZINE	400	U	U	

nsample	03TP10-0304-02
samp_date	5/3/2007
lab_id	C7E040173004
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZALDEHYDE	400	U	U	
BENZO(A)ANTHRACENE	400	U	U	
BENZO(A)PYRENE	400	U	U	
BENZO(B)FLUORANTHENE	400	U	U	
BENZO(G,H,I)PERYLENE	400	U	U	
BENZO(K)FLUORANTHENE	400	U	U	
BIS(2-CHLOROETHOXY)METHANE	400	U	U	
BIS(2-CHLOROETHYL)ETHER	400	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	400	U	U	
BUTYL BENZYL PHTHALATE	400	U	U	
CAPROLACTAM	400	U	U	
CARBAZOLE	400	U	U	
CHRYSENE	400	U	U	
DIBENZO(A,H)ANTHRACENE	400	U	U	
DIBENZOFURAN	400	U	U	
DIETHYL PHTHALATE	400	U	U	
DIMETHYL PHTHALATE	400	U	U	
DI-N-BUTYL PHTHALATE	400	U	U	
DI-N-OCTYL PHTHALATE	400	U	U	
FLUORANTHENE	400	U	U	
FLUORENE	400	U	U	
HEXACHLOROBENZENE	400	U	U	
HEXACHLOROBUTADIENE	400	U	U	
HEXACHLOROCYCLOPENTADIENE	1900	U	U	
HEXACHLOROETHANE	400	U	U	
INDENO(1,2,3-CD)PYRENE	400	U	U	
ISOPHORONE	400	U	U	
NAPHTHALENE	400	U	U	
NITROBENZENE	400	U	U	
N-NITROSO-DI-N-PROPYLAMINE	400	U	U	
N-NITROSODIPHENYLAMINE	400	U	U	
PENTACHLOROPHENOL	1900	U	U	

nsample	03TP10-0304-02
samp_date	5/3/2007
lab_id	C7E040173004
qc_type	NM
units	UG/KG
Pct_Solids	83.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
PHENANTHRENE	400	U	U	
PHENOL	400	U	U	
PYRENE	400	U	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: OS

nsample	03TP10-0405-01
samp_date	5/3/2007
lab_id	C7E040173003
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1-BIPHENYL	400	U	U	
1,2,4,5-TETRACHLOROBENZENE	400	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	400	U	U	
2,3,4,6-TETRACHLOROPHENOL	400	U	U	
2,4,5-TRICHLOROPHENOL	400	U	U	
2,4,6-TRICHLOROPHENOL	400	U	U	
2,4-DICHLOROPHENOL	400	U	U	
2,4-DIMETHYLPHENOL	400	U	U	
2,4-DINITROPHENOL	2000	U	U	
2,4-DINITROTOLUENE	400	U	U	
2,6-DINITROTOLUENE	400	U	U	
2-CHLORONAPHTHALENE	400	U	U	
2-CHLOROPHENOL	400	U	U	
2-METHYLNAPHTHALENE	400	U	U	
2-METHYLPHENOL	400	U	U	
2-NITROANILINE	2000	U	U	
2-NITROPHENOL	400	U	U	
3,3'-DICHLOROBENZIDINE	2000	U	U	
3-NITROANILINE	2000	U	U	
4,6-DINITRO-2-METHYLPHENOL	2000	U	U	
4-BROMOPHENYL PHENYL ETHER	400	U	U	
4-CHLORO-3-METHYLPHENOL	400	U	U	
4-CHLOROANILINE	400	U	U	
4-CHLOROPHENYL PHENYL ETHER	400	U	U	
4-METHYLPHENOL	400	U	U	
4-NITROANILINE	2000	U	U	
4-NITROPHENOL	2000	U	U	
ACENAPHTHENE	400	U	U	
ACENAPHTHYLENE	400	U	U	
ACETOPHENONE	400	U	U	
ANTHRACENE	400	U	U	
ATRAZINE	400	U	U	

nsample	03TP10-0405-01
samp_date	5/3/2007
lab_id	C7E040173003
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BENZALDEHYDE	400	U	U	
BENZO(A)ANTHRACENE	400	U	U	
BENZO(A)PYRENE	400	U	U	
BENZO(B)FLUORANTHENE	400	U	U	
BENZO(G,H,I)PERYLENE	400	U	U	
BENZO(K)FLUORANTHENE	400	U	U	
BIS(2-CHLOROETHOXY)METHANE	400	U	U	
BIS(2-CHLOROETHYL)ETHER	400	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	400	U	U	
BUTYL BENZYL PHTHALATE	400	U	U	
CAPROLACTAM	400	U	U	
CARBAZOLE	400	U	U	
CHRYSENE	400	U	U	
DIBENZO(A,H)ANTHRACENE	400	U	U	
DIBENZOFURAN	400	U	U	
DIETHYL PHTHALATE	400	U	U	
DIMETHYL PHTHALATE	400	U	U	
DI-N-BUTYL PHTHALATE	400	U	U	
DI-N-OCTYL PHTHALATE	400	U	U	
FLUORANTHENE	400	U	U	
FLUORENE	400	U	U	
HEXACHLOROBENZENE	400	U	U	
HEXACHLOROBUTADIENE	400	U	U	
HEXACHLOROCYCLOPENTADIENE	2000	U	U	
HEXACHLOROETHANE	400	U	U	
INDENO(1,2,3-CD)PYRENE	400	U	U	
ISOPHORONE	400	U	U	
NAPHTHALENE	400	U	U	
NITROBENZENE	400	U	U	
N-NITROSO-DI-N-PROPYLAMINE	400	U	U	
N-NITROSODIPHENYLAMINE	400	U	U	
PENTACHLOROPHENOL	2000	U	U	

nsample	03TP10-0405-01
samp_date	5/3/2007
lab_id	C7E040173003
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
PHENANTHRENE	400	U	U	
PHENOL	400	U	U	
PYRENE	400	U	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: WATER DATA FRACTION: OS

nsample	03-FB-050307
samp_date	5/3/2007
lab_id	C7E040173006
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-BIPHENYL	9.8	U	
1,2,4,5-TETRACHLOROBENZENE	9.8	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	9.8	U	
2,3,4,6-TETRACHLOROPHENOL	9.8	U	
2,4,5-TRICHLOROPHENOL	9.8	U	
2,4,6-TRICHLOROPHENOL	9.8	U	
2,4-DICHLOROPHENOL	9.8	U	
2,4-DIMETHYLPHENOL	9.8	U	
2,4-DINITROPHENOL	49	U	
2,4-DINITROTOLUENE	9.8	U	
2,6-DINITROTOLUENE	9.8	U	
2-CHLORONAPHTHALENE	9.8	U	
2-CHLOROPHENOL	9.8	U	
2-METHYLNAPHTHALENE	9.8	U	
2-METHYLPHENOL	9.8	U	
2-NITROANILINE	49	U	
2-NITROPHENOL	9.8	U	
3,3'-DICHLOROBENZIDINE	49	U	
3-NITROANILINE	49	U	
4,6-DINITRO-2-METHYLPHENOL	49	U	
4-BROMOPHENYL PHENYL ETHER	9.8	U	
4-CHLORO-3-METHYLPHENOL	9.8	U	
4-CHLOROANILINE	9.8	U	
4-CHLOROPHENYL PHENYL ETHER	9.8	U	
4-METHYLPHENOL	9.8	U	
4-NITROANILINE	49	U	
4-NITROPHENOL	49	U	
ACENAPHTHENE	9.8	U	
ACENAPHTHYLENE	9.8	U	
ACETOPHENONE	9.8	U	
ANTHRACENE	9.8	U	
ATRAZINE	9.8	U	

nsample	03-FB-050307
samp_date	5/3/2007
lab_id	C7E040173006
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZALDEHYDE	9.8	U	
BENZO(A)ANTHRACENE	9.8	U	
BENZO(A)PYRENE	9.8	UJ	N
BENZO(B)FLUORANTHENE	9.8	UJ	N
BENZO(G,H,I)PERYLENE	9.8	UJ	N
BENZO(K)FLUORANTHENE	9.8	UJ	N
BIS(2-CHLOROETHOXY)METHANE	9.8	U	
BIS(2-CHLOROETHYL)ETHER	9.8	U	
BIS(2-ETHYLHEXYL)PHTHALATE	9.8	U	
BUTYL BENZYL PHTHALATE	9.8	U	
CAPROLACTAM	9.8	U	
CARBAZOLE	9.8	U	
CHRYSENE	9.8	U	
DIBENZO(A,H)ANTHRACENE	9.8	UJ	N
DIBENZOFURAN	9.8	U	
DIETHYL PHTHALATE	9.8	U	
DIMETHYL PHTHALATE	9.8	U	
DI-N-BUTYL PHTHALATE	9.8	U	
DI-N-OCTYL PHTHALATE	9.8	UJ	N
FLUORANTHENE	9.8	UL	E
FLUORENE	9.8	U	
HEXACHLOROBENZENE	9.8	U	
HEXACHLOROBUTADIENE	9.8	U	
HEXACHLOROCYCLOPENTADIENE	49	U	
HEXACHLOROETHANE	9.8	U	
INDENO(1,2,3-CD)PYRENE	9.8	UJ	N
ISOPHORONE	9.8	U	
NAPHTHALENE	9.8	U	
NITROBENZENE	9.8	U	
N-NITROSO-DI-N-PROPYLAMINE	9.8	U	
N-NITROSODIPHENYLAMINE	9.8	U	
PENTACHLOROPHENOL	49	U	

nsample	03-FB-050307
samp_date	5/3/2007
lab_id	C7E040173006
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
PHENANTHRENE	9.8	U	
PHENOL	9.8	U	
PYRENE	9.8	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	03TP09-0506-01	nsample	03TP09-0506-02	nsample	03TP10-0304-02
samp_date	5/3/2007	samp_date	5/3/2007	samp_date	5/3/2007
lab_id	C7E040173001	lab_id	C7E040173002	lab_id	C7E040173004
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	80.0	Pct_Solids	79.0	Pct_Solids	83.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.1	U	
4,4'-DDE	2.1	U	
4,4'-DDT	2.1	U	
ALDRIN	2.1	U	
ALPHA-BHC	2.1	U	
ALPHA-CHLORDANE	2.1	U	
AROCLOR-1016	21	U	
AROCLOR-1221	21	U	
AROCLOR-1232	21	U	
AROCLOR-1242	21	U	
AROCLOR-1248	21	U	
AROCLOR-1254	21	U	
AROCLOR-1260	21	U	
AROCLOR-1262	21	U	
AROCLOR-1268	21	U	
BETA-BHC	2.1	U	
DELTA-BHC	2.1	U	
DIELDRIN	2.1	U	
ENDOSULFAN I	2.1	U	
ENDOSULFAN II	2.1	U	
ENDOSULFAN SULFATE	2.1	U	
ENDRIN	2.1	U	
ENDRIN ALDEHYDE	2.1	U	
ENDRIN KETONE	2.1	U	
GAMMA-BHC (LINDANE)	2.1	U	
GAMMA-CHLORDANE	2.1	U	
HEPTACHLOR	2.1	U	
HEPTACHLOR EPOXIDE	2.1	U	
METHOXYCHLOR	4.1	U	
TOXAPHENE	84	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.1	U	
4,4'-DDE	2.1	U	
4,4'-DDT	2.1	U	
ALDRIN	2.1	U	
ALPHA-BHC	2.1	U	
ALPHA-CHLORDANE	2.1	U	
AROCLOR-1016	21	U	
AROCLOR-1221	21	U	
AROCLOR-1232	21	U	
AROCLOR-1242	21	U	
AROCLOR-1248	21	U	
AROCLOR-1254	21	U	
AROCLOR-1260	21	U	
AROCLOR-1262	21	U	
AROCLOR-1268	21	U	
BETA-BHC	2.1	U	
DELTA-BHC	2.1	U	
DIELDRIN	2.1	U	
ENDOSULFAN I	2.1	U	
ENDOSULFAN II	2.1	U	
ENDOSULFAN SULFATE	2.1	U	
ENDRIN	2.1	U	
ENDRIN ALDEHYDE	2.1	U	
ENDRIN KETONE	2.1	U	
GAMMA-BHC (LINDANE)	2.1	U	
GAMMA-CHLORDANE	2.1	U	
HEPTACHLOR	2.1	U	
HEPTACHLOR EPOXIDE	2.1	U	
METHOXYCHLOR	4.2	U	
TOXAPHENE	84	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.1	U	
4,4'-DDE	2.1	U	
4,4'-DDT	2.1	U	
ALDRIN	2.1	U	
ALPHA-BHC	2.1	U	
ALPHA-CHLORDANE	0.39	J	P
AROCLOR-1016	20	U	
AROCLOR-1221	20	U	
AROCLOR-1232	20	U	
AROCLOR-1242	20	U	
AROCLOR-1248	20	U	
AROCLOR-1254	20	U	
AROCLOR-1260	20	U	
AROCLOR-1262	20	U	
AROCLOR-1268	20	U	
BETA-BHC	2.1	U	
DELTA-BHC	2.1	U	
DIELDRIN	2.1	U	
ENDOSULFAN I	2.1	U	
ENDOSULFAN II	2.1	U	
ENDOSULFAN SULFATE	2.1	U	
ENDRIN	2.1	U	
ENDRIN ALDEHYDE	2.1	U	
ENDRIN KETONE	2.1	U	
GAMMA-BHC (LINDANE)	2.1	U	
GAMMA-CHLORDANE	2.1	U	
HEPTACHLOR	2.1	U	
HEPTACHLOR EPOXIDE	2.1	U	
METHOXYCHLOR	4	U	
TOXAPHENE	81	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	03TP10-0405-01
samp_date	5/3/2007
lab_id	C7E040173003
qc_type	NM
units	UG/KG
Pct_Solids	82.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	2.1	U	
4,4'-DDE	2.1	U	
4,4'-DDT	2.1	U	
ALDRIN	2.1	U	
ALPHA-BHC	2.1	U	
ALPHA-CHLORDANE	0.26	J	PU
AROCLOR-1016	20	U	
AROCLOR-1221	20	U	
AROCLOR-1232	20	U	
AROCLOR-1242	20	U	
AROCLOR-1248	20	U	
AROCLOR-1254	20	U	
AROCLOR-1260	20	U	
AROCLOR-1262	20	U	
AROCLOR-1268	20	U	
BETA-BHC	2.1	U	
DELTA-BHC	2.1	U	
DIELDRIN	2.1	U	
ENDOSULFAN I	2.1	U	
ENDOSULFAN II	2.1	U	
ENDOSULFAN SULFATE	2.1	U	
ENDRIN	2.1	U	
ENDRIN ALDEHYDE	2.1	U	
ENDRIN KETONE	2.1	U	
GAMMA-BHC (LINDANE)	2.1	U	
GAMMA-CHLORDANE	2.1	U	
HEPTACHLOR	2.1	U	
HEPTACHLOR EPOXIDE	2.1	U	
METHOXYCHLOR	4	U	
TOXAPHENE	82	U	

PROJ_NO: 2192

SDG: C7E040173 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	03-FB-050307
samp_date	5/3/2007
lab_id	C7E040173006
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.048	U	
4,4'-DDE	0.048	U	
4,4'-DDT	0.048	U	
ALDRIN	0.048	U	
ALPHA-BHC	0.048	U	
ALPHA-CHLORDANE	0.048	U	
AROCLOR-1016	0.39	U	
AROCLOR-1221	0.39	U	
AROCLOR-1232	0.39	U	
AROCLOR-1242	0.39	U	
AROCLOR-1248	0.39	U	
AROCLOR-1254	0.39	U	
AROCLOR-1260	0.39	U	
BETA-BHC	0.048	U	
DELTA-BHC	0.048	U	
DIELDRIN	0.048	U	
ENDOSULFAN I	0.048	U	
ENDOSULFAN II	0.048	U	
ENDOSULFAN SULFATE	0.048	U	
ENDRIN	0.048	U	
ENDRIN ALDEHYDE	0.048	U	
ENDRIN KETONE	0.048	U	
GAMMA-BHC (LINDANE)	0.048	U	
GAMMA-CHLORDANE	0.048	U	
HEPTACHLOR	0.048	U	
HEPTACHLOR EPOXIDE	0.048	U	
METHOXYCHLOR	0.097	U	
TOXAPHENE	1.9	U	

Data Qualifier Key:

B	-	Positive result is considered to be an artifact of blank contamination and should not be considered present.
J	-	Value is considered estimated due to exceedance of technical quality control or because result is less than the Contract Required Quantitation Limit (CRQL).
K	-	Positive result is considered biased high due to exceedance of technical quality control criteria.
L	-	Positive result is considered biased low due to exceedance of technical quality control criteria.
U	-	Value is a non-detected result as reported by the laboratory.
UL	-	Non-detected result is considered biased low due to exceedance of technical quality control criteria.
UR	-	Non-detected result is considered unusable due to exceedance of technical quality control criteria.

Qualifier Codes:

a	=	Lab Blank Contamination
b	=	Field Blank Contamination
c	=	Calibration (i.e., %RSDs, %Ds, ICVs, CCVs, RPDs, RRFs, etc.) Noncompliance
d	=	MS/MSD Noncompliance
e	=	LSC/LSCD Noncompliance
f	=	Laboratory Duplicate Imprecision
g	=	Field Duplicate Imprecision
h	=	Holding Time Exceedance
i	=	ICP Serial Dilution Noncompliance
j	=	GFAA PDS – GFAA MSA's r<0.995 (correlation coefficient)
k	=	ICP Interference – include ICSAB %Rs
l	=	Instrument Calibration Range Exceedance
m	=	Sample Preservation
n	=	Internal Standard Noncompliance
o	=	Poor Instrument Performance (i.e. baseline drifting)
p	=	Uncertainty Near Detection Limit (<2 x IDL for inorganics and < CRQL for organics)
q	=	Other Problems (can encompass of number of issues)
r	=	Surrogates Recovery Noncompliance
s	=	Pesticide/PCB Resolution
t	=	% Breakdown Noncompliance for DDT and Endrin
u	=	Pesticide/PCB % Difference Between Columns for Positive Results
v	=	Non-linear Calibrations, Tuning r <0.995 (correlation coefficient)

APPENDIX B

Laboratory Analytical Results

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-01

GC/MS Volatiles

Lot-Sample #...:	C7E040173-001	**Work Order #...:**	JV93R1AC	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	13:46		
Dilution Factor:	0.91	**Initial Wgt/Vol:**	5.48 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	20	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.7	ug/kg	1.4
Chlorodibromomethane	ND	5.7	ug/kg	1.1
o-Xylene	ND	5.7	ug/kg	1.2
m-Xylene & p-Xylene	ND	11	ug/kg	2.8
1,2,3-Trichlorobenzene	ND	5.7	ug/kg	1.3
Acetone	ND	23	ug/kg	1.4
Benzene	ND	5.7	ug/kg	1.2
Bromodichloromethane	ND	5.7	ug/kg	1.1
Bromoform	ND	5.7	ug/kg	1.2
Bromomethane	ND	5.7	ug/kg	1.4
2-Butanone	ND	5.7	ug/kg	1.1
Carbon disulfide	ND	5.7	ug/kg	1.4
Carbon tetrachloride	ND	5.7	ug/kg	1.0
Chlorobenzene	ND	5.7	ug/kg	1.3
Chloroethane	ND	5.7	ug/kg	1.6
Chloroform	ND	5.7	ug/kg	1.2
Chloromethane	ND	5.7	ug/kg	1.3
Cyclohexane	ND	5.7	ug/kg	1.1
1,2-Dibromo-3-chloro-propane	ND	5.7	ug/kg	0.96
1,2-Dibromoethane	ND	5.7	ug/kg	1.2
1,3-Dichlorobenzene	ND	5.7	ug/kg	1.2
1,4-Dichlorobenzene	ND	5.7	ug/kg	1.3
1,2-Dichlorobenzene	ND	5.7	ug/kg	1.3
Dichlorodifluoromethane	ND	5.7	ug/kg	1.5
1,1-Dichloroethane	ND	5.7	ug/kg	1.1
1,2-Dichloroethane	ND	5.7	ug/kg	1.2
1,1-Dichloroethene	ND	5.7	ug/kg	1.3
cis-1,2-Dichloroethene	ND	5.7	ug/kg	1.2
trans-1,2-Dichloroethene	ND	5.7	ug/kg	1.3
1,2-Dichloropropane	ND	5.7	ug/kg	1.3
cis-1,3-Dichloropropene	ND	5.7	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.99
Ethylb nzene	ND	5.7	ug/kg	1.3
2-Hexanone	ND	5.7	ug/kg	0.90
Isopropylbenzene	ND	5.7	ug/kg	1.2
Methyl acetate	ND	5.7	ug/kg	1.2

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Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-01

GC/MS Volatiles

Lot-Sample #...: C7E040173-001 **Work Order #...:** JV93R1AC **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**3.4 J,B**	**5.7**	**ug/kg**	**0.87**
Methylcyclohexane	ND	5.7	ug/kg	1.3
4-Methyl-2-pentanone	ND	5.7	ug/kg	0.99
Methyl tert-butyl ether	ND	5.7	ug/kg	1.1
Styren	ND	5.7	ug/kg	1.3
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	1.3
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	1.2
Tetrachloroethene	ND	5.7	ug/kg	1.5
1,1,1-Trichloroethane	ND	5.7	ug/kg	1.2
1,1,2-Trichloroethane	ND	5.7	ug/kg	1.2
Trichloroethene	ND	5.7	ug/kg	1.3
Trichlorofluoromethane	ND	5.7	ug/kg	1.8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg	1.4
Toluene	ND	5.7	ug/kg	0.90
Vinyl chloride	ND	5.7	ug/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(70 - 130)
Toluene-d8	104	(85 - 115)
4-Bromofluorobenzene	99	(85 - 120)
Dibromofluoromethane	94	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-02

GC/MS Volatiles

Lot-Sample #...:	C7E040173-002	**Work Order #...:**	JV9331AK	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	14:10		
Dilution Factor:	0.94	**Initial Wgt/Vol:**	5.3 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	21	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.9	ug/kg	1.4
Chlorodibromomethane	ND	5.9	ug/kg	1.1
o-Xylene	ND	5.9	ug/kg	1.2
m-Xylene & p-Xylene	ND	12	ug/kg	2.9
1,2,3-Trichlorobenzene	ND	5.9	ug/kg	1.3
Acetone	ND	24	ug/kg	1.4
Benzene	ND	5.9	ug/kg	1.2
Bromodichloromethane	ND	5.9	ug/kg	1.2
Bromoform	ND	5.9	ug/kg	1.2
Bromomethane	ND	5.9	ug/kg	1.5
2-Butanone	ND	5.9	ug/kg	1.1
Carbon disulfide	ND	5.9	ug/kg	1.5
Carbon tetrachloride	ND	5.9	ug/kg	1.1
Chlorobenzene	ND	5.9	ug/kg	1.3
Chloroethane	ND	5.9	ug/kg	1.7
Chloroform	ND	5.9	ug/kg	1.3
Chloromethane	ND	5.9	ug/kg	1.3
Cyclohexane	ND	5.9	ug/kg	1.2
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	1.0
1,2-Dibromoethane	ND	5.9	ug/kg	1.2
1,3-Dichlorobenzene	ND	5.9	ug/kg	1.2
1,4-Dichlorobenzene	ND	5.9	ug/kg	1.3
1,2-Dichlorobenzene	ND	5.9	ug/kg	1.3
Dichlorodifluoromethane	ND	5.9	ug/kg	1.5
1,1-Dichloroethane	ND	5.9	ug/kg	1.2
1,2-Dichloroethane	ND	5.9	ug/kg	1.3
1,1-Dichloroethene	ND	5.9	ug/kg	1.4
cis-1,2-Dichloroethene	ND	5.9	ug/kg	1.3
trans-1,2-Dichloroethene	ND	5.9	ug/kg	1.4
1,2-Dichloropropane	ND	5.9	ug/kg	1.3
cis-1,3-Dichloropropene	ND	5.9	ug/kg	1.1
trans-1,3-Dichloropropene	ND	5.9	ug/kg	1.0
Ethylbenzene	ND	5.9	ug/kg	1.4
2-Hexanone	ND	5.9	ug/kg	0.94
Isopropylbenzene	ND	5.9	ug/kg	1.3
Methyl acetate	ND	5.9	ug/kg	1.3

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Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-02

GC/MS Volatiles

Lot-Sample #...: C7E040173-002 **Work Order #...:** JV9331AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**6.1 B**	**5.9**	**ug/kg**	**0.91**
Methylcyclohexane	ND	5.9	ug/kg	1.3
4-Methyl-2-pentanone	ND	5.9	ug/kg	1.0
Methyl tert-butyl ether	ND	5.9	ug/kg	1.1
Styrene	ND	5.9	ug/kg	1.3
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	1.3
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	1.2
Tetrachloroethene	ND	5.9	ug/kg	1.5
1,1,1-Trichloroethane	ND	5.9	ug/kg	1.2
1,1,2-Trichloroethane	ND	5.9	ug/kg	1.3
Trichloroethene	ND	5.9	ug/kg	1.3
Trichlorofluoromethane	ND	5.9	ug/kg	1.9
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	ug/kg	1.5
Toluene	ND	5.9	ug/kg	0.94
Vinyl chloride	ND	5.9	ug/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	90	(70 - 130)
Toluene-d8	100	(85 - 115)
4-Bromofluorobenzene	95	(85 - 120)
Dibromofluoromethane	93	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0304-02

GC/MS Volatiles

Lot-Sample #...:	C7E040173-004	**Work Order #...:**	JV9391AK	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received...:**	05/04/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	14:57		
Dilution Factor:	1.04	**Initial Wgt/Vol:**	4.8 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	17	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	6.3	ug/kg	1.5
Chlorodibromomethane	ND	6.3	ug/kg	1.2
o-Xylene	ND	6.3	ug/kg	1.3
m-Xylene & p-Xylene	ND	13	ug/kg	3.1
1,2,3-Trichlorobenzene	ND	6.3	ug/kg	1.4
Acetone	ND	25	ug/kg	1.5
Benzene	ND	6.3	ug/kg	1.3
Bromodichloromethane	ND	6.3	ug/kg	1.2
Bromoform	ND	6.3	ug/kg	1.3
Bromomethane	ND	6.3	ug/kg	1.6
2-Butanone	ND	6.3	ug/kg	1.2
Carbon disulfide	ND	6.3	ug/kg	1.5
Carbon tetrachloride	ND	6.3	ug/kg	1.1
Chlorobenzene	ND	6.3	ug/kg	1.4
Chloroethane	ND	6.3	ug/kg	1.8
Chloroform	ND	6.3	ug/kg	1.3
Chloromethane	ND	6.3	ug/kg	1.4
Cyclohexane	ND	6.3	ug/kg	1.3
1,2-Dibromo-3-chloro-propane	ND	6.3	ug/kg	1.1
1,2-Dibromoethane	ND	6.3	ug/kg	1.3
1,3-Dichlorobenzene	ND	6.3	ug/kg	1.3
1,4-Dichlorobenzene	ND	6.3	ug/kg	1.4
1,2-Dichlorobenzene	ND	6.3	ug/kg	1.4
Dichlorodifluoromethane	ND	6.3	ug/kg	1.6
1,1-Dichloroethane	ND	6.3	ug/kg	1.2
1,2-Dichloroethane	ND	6.3	ug/kg	1.4
1,1-Dichloroethene	ND	6.3	ug/kg	1.5
cis-1,2-Dichloroethene	ND	6.3	ug/kg	1.4
trans-1,2-Dichloroethene	ND	6.3	ug/kg	1.5
1,2-Dichloropropane	ND	6.3	ug/kg	1.4
cis-1,3-Dichloropropene	ND	6.3	ug/kg	1.1
trans-1,3-Dichloropropene	ND	6.3	ug/kg	1.1
Ethylbenzene	ND	6.3	ug/kg	1.5
2-Hexanone	ND	6.3	ug/kg	0.99
Isopropylbenzene	ND	6.3	ug/kg	1.3
Methyl acetate	ND	6.3	ug/kg	1.3

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Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0304-02

GC/MS Volatiles

Lot-Sample #...: C7E040173-004 **Work Order #...:** JV9391AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**3.4 J,B**	**6.3**	**ug/kg**	**0.96**
Methylcyclohexane	ND	6.3	ug/kg	1.4
4-Methyl-2-pentanone	ND	6.3	ug/kg	1.1
Methyl tert-butyl ether	ND	6.3	ug/kg	1.2
Styrene	ND	6.3	ug/kg	1.4
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	1.4
1,2,4-Trichloro-benzene	ND	6.3	ug/kg	1.3
Tetrachloroethene	ND	6.3	ug/kg	1.6
1,1,1-Trichloroethane	ND	6.3	ug/kg	1.3
1,1,2-Trichloroethane	ND	6.3	ug/kg	1.3
Trichloroethene	ND	6.3	ug/kg	1.4
Trichlorofluoromethane	ND	6.3	ug/kg	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.3	ug/kg	1.5
Toluene	ND	6.3	ug/kg	0.99
Vinyl chloride	ND	6.3	ug/kg	1.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	88	(70 - 130)
Toluene-d8	101	(85 - 115)
4-Bromofluorobenzene	95	(85 - 120)
Dibromofluoromethane	92	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0405-01

GC/MS Volatiles

Lot-Sample #...:	C7E040173-003	**Work Order #...:**	JV9351AK	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7130078
Prep Date.....:	05/10/07	**Analysis Date..:**	05/10/07		
Prep Batch #...:	7130081	**Analysis Time..:**	14:33		
Dilution Factor:	0.92	**Initial Wgt/Vol:**	5.46 g	**Final Wgt/Vol..:**	5 mL
% Moisture.....:	18	**Analyst ID.....:**	010099	**Instrument ID..:**	HP4
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Bromochloromethane	ND	5.6	ug/kg	1.3
Chlorodibromomethane	ND	5.6	ug/kg	1.0
o-Xylene	ND	5.6	ug/kg	1.2
m-Xylene & p-Xylene	ND	11	ug/kg	2.8
1,2,3-Trichlorobenzene	ND	5.6	ug/kg	1.3
Acetone	ND	22	ug/kg	1.3
Benzene	ND	5.6	ug/kg	1.2
Bromodichloromethane	ND	5.6	ug/kg	1.1
Bromoform	ND	5.6	ug/kg	1.1
Bromomethane	ND	5.6	ug/kg	1.4
2-Butanone	ND	5.6	ug/kg	1.1
Carbon disulfide	ND	5.6	ug/kg	1.4
Carbon tetrachloride	ND	5.6	ug/kg	1.0
Chlorobenzene	ND	5.6	ug/kg	1.2
Chloroethane	ND	5.6	ug/kg	1.6
Chloroform	ND	5.6	ug/kg	1.2
Chloromethane	ND	5.6	ug/kg	1.2
Cyclohexane	ND	5.6	ug/kg	1.1
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg	0.94
1,2-Dibromoethane	ND	5.6	ug/kg	1.2
1,3-Dichlorobenzene	ND	5.6	ug/kg	1.2
1,4-Dichlorobenzene	ND	5.6	ug/kg	1.2
1,2-Dichlorobenzene	ND	5.6	ug/kg	1.2
Dichlorodifluoromethane	ND	5.6	ug/kg	1.4
1,1-Dichloroethane	ND	5.6	ug/kg	1.1
1,2-Dichloroethane	ND	5.6	ug/kg	1.2
1,1-Dichloroethene	ND	5.6	ug/kg	1.3
cis-1,2-Dichloroethene	ND	5.6	ug/kg	1.2
trans-1,2-Dichloroethene	ND	5.6	ug/kg	1.3
1,2-Dichloropropane	ND	5.6	ug/kg	1.2
cis-1,3-Dichloropropene	ND	5.6	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.98
Ethylbenzene	ND	5.6	ug/kg	1.3
2-Hexanone	ND	5.6	ug/kg	0.89
Isopropylbenzene	ND	5.6	ug/kg	1.2
Methyl acetate	ND	5.6	ug/kg	1.2

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Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0405-01

GC/MS Volatiles

Lot-Sample #...: C7E040173-003 **Work Order #...:** JV9351AK **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	**2.4 J,B**	**5.6**	**ug/kg**	**0.86**
Methylcyclohexane	ND	5.6	ug/kg	1.3
4-Methyl-2-pentanone	ND	5.6	ug/kg	0.97
Methyl tert-butyl ether	ND	5.6	ug/kg	1.0
Styrene	ND	5.6	ug/kg	1.2
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	1.3
1,2,4-Trichloro-benzene	ND	5.6	ug/kg	1.2
Tetrachloroethene	ND	5.6	ug/kg	1.5
1,1,1-Trichloroethane	ND	5.6	ug/kg	1.1
1,1,2-Trichloroethane	ND	5.6	ug/kg	1.2
Trichloroethene	ND	5.6	ug/kg	1.3
Trichlorofluoromethane	ND	5.6	ug/kg	1.8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	ug/kg	1.4
Toluene	ND	5.6	ug/kg	0.89
Vinyl chloride	ND	5.6	ug/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(70 - 130)
Toluene-d8	102	(85 - 115)
4-Bromofluorobenzene	94	(85 - 120)
Dibromofluoromethane	93	(70 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Tetra Tech NUS, Inc

Client Sample ID: 03-FB-050307

GC/MS Volatiles

Lot-Sample #...:	C7E040173-006	**Work Order #...:**	JV94K1AA	**Matrix.....:**	WATER
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7134053
Prep Date.....:	05/14/07	**Analysis Date..:**	05/14/07		
Prep Batch #...:	7134083	**Analysis Time..:**	08:02		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	010099	**Instrument ID..:**	HP3		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chlorodibromomethane	ND	5.0	ug/L	0.50
o-Xylene	ND	5.0	ug/L	0.89
m-Xylene & p-Xylene	ND	10	ug/L	1.6
1,2,3-Trichlorobenzene	ND	5.0	ug/L	0.33
Bromochloromethane	ND	5.0	ug/L	0.96
Acetone	ND	20	ug/L	0.83
Benzene	ND	5.0	ug/L	0.81
Bromodichloromethane	ND	5.0	ug/L	0.58
Bromoform	**2.4 J**	**5.0**	**ug/L**	**0.37**
Bromomethane	ND	5.0	ug/L	0.75
2-Butanone	ND	5.0	ug/L	0.73
Carbon disulfide	ND	5.0	ug/L	1.1
Carbon tetrachloride	ND	5.0	ug/L	0.91
Chlorobenzene	ND	5.0	ug/L	0.71
Chloroethane	ND	5.0	ug/L	1.2
Chloroform	ND	5.0	ug/L	0.78
Chloromethane	ND	5.0	ug/L	0.87
Cyclohexane	ND	5.0	ug/L	1.1
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	1.3
1,2-Dibromoethane	ND	5.0	ug/L	0.64
1,3-Dichlorobenzene	ND	5.0	ug/L	0.66
1,4-Dichlorobenzene	ND	5.0	ug/L	0.60
1,2-Dichlorobenzene	ND	5.0	ug/L	0.65
Dichlorodifluoromethane	ND	5.0	ug/L	1.0
1,1-Dichloroethane	ND	5.0	ug/L	1.0
1,2-Dichloroethane	ND	5.0	ug/L	0.64
1,1-Dichloroethene	ND	5.0	ug/L	0.87
cis-1,2-Dichloroethene	ND	5.0	ug/L	1.0
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.90
1,2-Dichloropropane	ND	5.0	ug/L	0.67
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.79
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.57
Ethylbenzene	ND	5.0	ug/L	0.58
2-Hexanone	ND	5.0	ug/L	0.45
Isopropylbenzene	ND	5.0	ug/L	0.72
Methyl acetate	ND	5.0	ug/L	0.47

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Tetra Tech NUS, Inc

Client Sample ID: 03-FB-050307

GC/MS Volatiles

Lot-Sample #...: C7E040173-006 Work Order #...: JV94K1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	ND	5.0	ug/L	0.75
Methylcyclohexane	ND	5.0	ug/L	1.1
4-Methyl-2-pentanone	ND	5.0	ug/L	0.46
Methyl tert-butyl ether	ND	5.0	ug/L	0.77
Styrene	ND	5.0	ug/L	0.80
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.63
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.42
Tetrachloroethene	ND	5.0	ug/L	0.57
1,1,1-Trichloroethane	ND	5.0	ug/L	0.79
1,1,2-Trichloroethane	ND	5.0	ug/L	0.79
Trichloroethene	ND	5.0	ug/L	0.88
Trichlorofluoromethane	ND	5.0	ug/L	0.80
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	1.2
Toluene	ND	5.0	ug/L	0.80
Vinyl chloride	ND	5.0	ug/L	0.94

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	102	(70 - 120)
Toluene-d8	105	(85 - 120)
4-Bromofluorobenzene	99	(75 - 120)
Dibromofluoromethane	99	(85 - 115)

NOTE(S):

J Estimated: The analyte was positively identified; the quantitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TB-04

GC/MS Volatiles

Lot-Sample #...:	C7E040173-005	**Work Order #...:**	JV94D1AA	**Matrix.....:**	WATER
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7134053
Prep Date.....:	05/14/07	**Analysis Date..:**	05/14/07		
Prep Batch #...:	7134083	**Analysis Time..:**	07:14		
Dilution Factor:	1	**Initial Wgt/Vol:**	5 mL	**Final Wgt/Vol..:**	5 mL
Analyst ID.....:	010099	**Instrument ID..:**	HP3		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Chlorodibromomethane	ND	5.0	ug/L	0.50
o-Xylene	ND	5.0	ug/L	0.89
m-Xylene & p-Xylene	ND	10	ug/L	1.6
1,2,3-Trichlorobenzene	ND	5.0	ug/L	0.33
Bromochloromethane	ND	5.0	ug/L	0.96
Acetone	ND	20	ug/L	0.83
Benzene	ND	5.0	ug/L	0.81
Bromodichloromethane	ND	5.0	ug/L	0.58
Bromoform	ND	5.0	ug/L	0.37
Bromomethane	ND	5.0	ug/L	0.75
2-Butanone	ND	5.0	ug/L	0.73
Carbon disulfide	ND	5.0	ug/L	1.1
Carbon tetrachloride	ND	5.0	ug/L	0.91
Chlorobenzene	ND	5.0	ug/L	0.71
Chloroethane	ND	5.0	ug/L	1.2
Chloroform	ND	5.0	ug/L	0.78
Chloromethane	ND	5.0	ug/L	0.87
Cyclohexane	ND	5.0	ug/L	1.1
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L	1.3
1,2-Dibromoethane	ND	5.0	ug/L	0.64
1,3-Dichlorobenzene	ND	5.0	ug/L	0.66
1,4-Dichlorobenzene	ND	5.0	ug/L	0.60
1,2-Dichlorobenzene	ND	5.0	ug/L	0.65
Dichlorodifluoromethane	ND	5.0	ug/L	1.0
1,1-Dichloroethane	ND	5.0	ug/L	1.0
1,2-Dichloroethane	ND	5.0	ug/L	0.64
1,1-Dichloroethene	ND	5.0	ug/L	0.87
cis-1,2-Dichloroethene	ND	5.0	ug/L	1.0
trans-1,2-Dichloroethene	ND	5.0	ug/L	0.90
1,2-Dichloropropane	ND	5.0	ug/L	0.67
cis-1,3-Dichloropropene	ND	5.0	ug/L	0.79
trans-1,3-Dichloropropene	ND	5.0	ug/L	0.57
Ethylbenzene	ND	5.0	ug/L	0.58
2-Hexanone	ND	5.0	ug/L	0.45
Isopropylbenzene	ND	5.0	ug/L	0.72
Methyl acetate	ND	5.0	ug/L	0.47

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Tetra Tech NUS, Inc

Client Sample ID: 03TB-04

GC/MS Volatiles

Lot-Sample #...: C7E040173-005 **Work Order #...:** JV94D1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methylene chloride	ND	5.0	ug/L	0.75
Methylcyclohexane	ND	5.0	ug/L	1.1
4-Methyl-2-pentanone	ND	5.0	ug/L	0.46
Methyl tert-butyl ether	ND	5.0	ug/L	0.77
Styrene	ND	5.0	ug/L	0.80
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	0.63
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.42
Tetrachloroethene	ND	5.0	ug/L	0.57
1,1,1-Trichloroethane	ND	5.0	ug/L	0.79
1,1,2-Trichloroethane	ND	5.0	ug/L	0.79
Trichloroethene	ND	5.0	ug/L	0.88
Trichlorofluoromethane	ND	5.0	ug/L	0.80
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/L	1.2
Toluene	ND	5.0	ug/L	0.80
Vinyl chloride	ND	5.0	ug/L	0.94

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	107	(70 - 120)
Toluene-d8	112	(85 - 120)
4-Bromofluorobenzene	107	(75 - 120)
Dibromofluoromethane	102	(85 - 115)

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-01

GC/MS Semivolatiles

Lot-Sample #...:	C7E040173-001	Work Order #...:	JV93R1AD	Matrix.....:	SOLID
Date Sampled...:	05/03/07 08:20	Date Received..:	05/04/07 09:15	MS Run #.....:	7127006
Prep Date.....:	05/07/07	Analysis Date..:	05/25/07		
Prep Batch #...:	7127015	Analysis Time..:	14:18		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	20	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	410	ug/kg	24
2,3,4,6-Tetrachlorophenol	ND	410	ug/kg	29
Acenaphthene	ND	410	ug/kg	33
Acenaphthylene	ND	410	ug/kg	38
Acetophenone	ND	410	ug/kg	62
Anthracene	ND	410	ug/kg	39
Atrazine	ND	410	ug/kg	59
Benzo(a)anthracene	ND	410	ug/kg	41
Benzo(a)pyrene	ND	410	ug/kg	38
Benzo(b)fluoranthene	ND	410	ug/kg	56
Benzo(ghi)perylene	ND	410	ug/kg	36
Benzo(k)fluoranthene	ND	410	ug/kg	54
Benzaldehyde	ND	410	ug/kg	85
1,1'-Biphenyl	ND	410	ug/kg	48
bis(2-Chloroethoxy) methane	ND	410	ug/kg	47
bis(2-Chloroethyl)-eth r	ND	410	ug/kg	47
bis(2-Ethylhexyl) phthalate	ND	410	ug/kg	40
4-Bromophenyl phenyl ether	ND	410	ug/kg	34
Butyl benzyl phthalate	ND	410	ug/kg	44
Caprolactam	ND	410	ug/kg	60
Carbazole	ND	410	ug/kg	36
4-Chloroaniline	ND	410	ug/kg	28
4-Chloro-3-methylphenol	ND	410	ug/kg	35
2-Chloronaphthalene	ND	410	ug/kg	37
2-Chlorophenol	ND	410	ug/kg	71
4-Chlorophenyl phenyl ether	ND	410	ug/kg	29
Chrysene	ND	410	ug/kg	40
Dibenz(a,h)anthracene	ND	410	ug/kg	27
Dibenzofuran	ND	410	ug/kg	39
3,3'-Dichlorobenzidine	ND	2000	ug/kg	25
2,4-Dichlorophenol	ND	410	ug/kg	43

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Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-01

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-001 Work Order #...: JV93R1AD Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	410	ug/kg	38
2,4-Dimethylphenol	ND	410	ug/kg	36
Dimethyl phthalate	ND	410	ug/kg	34
Di-n-butyl phthalate	ND	410	ug/kg	37
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	27
2,4-Dinitrophenol	ND	2000	ug/kg	620
2,4-Dinitrotoluene	ND	410	ug/kg	37
2,6-Dinitrotoluene	ND	410	ug/kg	31
Di-n-octyl phthalate	ND	410	ug/kg	36
Fluoranthene	ND	410	ug/kg	39
Fluorene	ND	410	ug/kg	36
Hexachlorobenzene	ND	410	ug/kg	34
Hexachlorobutadiene	ND	410	ug/kg	57
Hexachlorocyclopentadiene	ND	2000	ug/kg	28
Hexachloroethane	ND	410	ug/kg	57
Indeno(1,2,3-cd)pyrene	ND	410	ug/kg	29
Isophorone	ND	410	ug/kg	54
2-Methylnaphthalene	ND	410	ug/kg	43
2-Methylphenol	ND	410	ug/kg	61
4-Methylphenol	ND	410	ug/kg	93
Naphthalene	ND	410	ug/kg	43
2-Nitroaniline	ND	2000	ug/kg	39
3-Nitroaniline	ND	2000	ug/kg	39
4-Nitroaniline	ND	2000	ug/kg	24
Nitrobenzene	ND	410	ug/kg	52
2-Nitrophenol	ND	410	ug/kg	57
4-Nitrophenol	ND	2000	ug/kg	29
N-Nitrosodi-n-propylamine	ND	410	ug/kg	42
N-Nitrosodiphenylamine	ND	410	ug/kg	46
2,2'-oxybis(1-Chloropropane)	ND	410	ug/kg	67
Pentachlorophenol	ND	2000	ug/kg	28
Phenanthrene	ND	410	ug/kg	39
Phenol	ND	410	ug/kg	45
Pyrene	ND	410	ug/kg	45
2,4,5-Trichlorophenol	ND	410	ug/kg	40
2,4,6-Trichlorophenol	ND	410	ug/kg	29

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Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-01

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-001 Work Order #...: JV93R1AD Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	60	(45 - 105)
2-Fluorophenol	59	(35 - 105)
Phenol-d5	56	(40 - 100)
2,4,6-Tribromophenol	69	(35 - 125)
Nitrobenzene-d5	57	(35 - 100)
Terphenyl-d14	85	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-02

GC/MS Semivolatiles

Lot-Sample #...:	C7E040173-002	Work Order #...:	JV9331AL	Matrix.....:	SOLID
Date Sampled...:	05/03/07 08:50	Date Received..:	05/04/07 09:15	MS Run #.....:	7127006
Prep Date.....:	05/07/07	Analysis Date..:	05/25/07		
Prep Batch #...:	7127015	Analysis Time..:	14:47		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	21	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	420	ug/kg	25
2,3,4,6-Tetrachlorophenol	ND	420	ug/kg	29
Acenaphthene	ND	420	ug/kg	33
Acenaphthylene	ND	420	ug/kg	38
Acetophenone	ND	420	ug/kg	62
Anthracene	ND	420	ug/kg	40
Atrazine	ND	420	ug/kg	60
Benzo(a)anthracene	ND	420	ug/kg	41
Benzo(a)pyrene	ND	420	ug/kg	38
Benzo(b)fluoranthene	ND	420	ug/kg	56
Benzo(ghi)perylene	ND	420	ug/kg	36
Benzo(k)fluoranthene	ND	420	ug/kg	54
Benzaldehyde	ND	420	ug/kg	86
1,1'-Biphenyl	ND	420	ug/kg	48
bis(2-Chloroethoxy) methane	ND	420	ug/kg	47
bis(2-Chloroethyl)-ether	ND	420	ug/kg	48
bis(2-Ethylhexyl) phthalate	ND	420	ug/kg	41
4-Bromophenyl phenyl ether	ND	420	ug/kg	35
Butyl benzyl phthalate	ND	420	ug/kg	44
Caprolactam	ND	420	ug/kg	60
Carbazole	ND	420	ug/kg	36
4-Chloroaniline	ND	420	ug/kg	28
4-Chloro-3-methylphenol	ND	420	ug/kg	35
2-Chloronaphthalene	ND	420	ug/kg	37
2-Chlorophenol	ND	420	ug/kg	72
4-Chlorophenyl phenyl ether	ND	420	ug/kg	29
Chrysene	ND	420	ug/kg	40
Dibenz(a,h)anthracene	ND	420	ug/kg	28
Dibenzofuran	ND	420	ug/kg	39
3,3'-Dichlorobenzidine	ND	2000	ug/kg	25
2,4-Dichlorophenol	ND	420	ug/kg	44

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Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-02

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-002 Work Order #...: JV9331AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	420	ug/kg	38
2,4-Dimethylphenol	ND	420	ug/kg	36
Dimethyl phthalate	ND	420	ug/kg	34
Di-n-butyl phthalate	ND	420	ug/kg	37
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	27
2,4-Dinitrophenol	ND	2000	ug/kg	630
2,4-Dinitrotoluene	ND	420	ug/kg	38
2,6-Dinitrotoluene	ND	420	ug/kg	31
Di-n-octyl phthalate	ND	420	ug/kg	36
Fluoranthene	ND	420	ug/kg	39
Fluorene	ND	420	ug/kg	36
Hexachlorobenzene	ND	420	ug/kg	34
Hexachlorobutadiene	ND	420	ug/kg	57
Hexachlorocyclopentadien	ND	2000	ug/kg	28
Hexachloroethane	ND	420	ug/kg	57
Indeno(1,2,3-cd)pyrene	ND	420	ug/kg	29
Isophorone	ND	420	ug/kg	55
2-Methylnaphthalene	ND	420	ug/kg	43
2-Methylphenol	ND	420	ug/kg	61
4-Methylphenol	ND	420	ug/kg	93
Naphthalene	ND	420	ug/kg	43
2-Nitroaniline	ND	2000	ug/kg	39
3-Nitroaniline	ND	2000	ug/kg	39
4-Nitroaniline	ND	2000	ug/kg	24
Nitrobenzene	ND	420	ug/kg	52
2-Nitrophenol	ND	420	ug/kg	57
4-Nitrophenol	ND	2000	ug/kg	29
N-Nitrosodi-n-propylamine	ND	420	ug/kg	42
N-Nitrosodiphenylamine	ND	420	ug/kg	47
2,2'-oxybis(1-Chloropropane)	ND	420	ug/kg	68
Pentachlorophenol	ND	2000	ug/kg	29
Phenanthrene	ND	420	ug/kg	40
Phenol	ND	420	ug/kg	46
Pyrene	ND	420	ug/kg	45
2,4,5-Trichlorophenol	ND	420	ug/kg	40
2,4,6-Trichlorophenol	ND	420	ug/kg	29

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Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-02

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-002 Work Order #...: JV9331AL Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	61	(45 - 105)
2-Fluorophenol	59	(35 - 105)
Phenol-d5	57	(40 - 100)
2,4,6-Tribromophenol	69	(35 - 125)
Nitrobenzene-d5	56	(35 - 100)
Terphenyl-d14	88	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0304-02

GC/MS Semivolatiles

Lot-Sample #...:	C7E040173-004	**Work Order #...:**	JV9391AL	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07 14:30	**Date Received..:**	05/04/07 09:15	**MS Run #.....:**	7127006
Prep Date.....:	05/07/07	**Analysis Date..:**	05/25/07		
Prep Batch #...:	7127015	**Analysis Time..:**	15:44		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	0.5 mL
% Moisture.....:	17	**Analyst ID.....:**	007062	**Instrument ID..:**	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	400	ug/kg	24
2,3,4,6-Tetrachlorophenol	ND	400	ug/kg	28
Acenaphthene	ND	400	ug/kg	32
Acenaphthylene	ND	400	ug/kg	37
Acetophenone	ND	400	ug/kg	60
Anthracene	ND	400	ug/kg	38
Atrazine	ND	400	ug/kg	57
Benzo(a)anthracene	ND	400	ug/kg	40
Benzo(a)pyrene	ND	400	ug/kg	36
Benzo(b)fluoranthene	ND	400	ug/kg	54
Benzo(ghi)perylene	ND	400	ug/kg	35
Benzo(k)fluoranthene	ND	400	ug/kg	52
Benzaldehyde	ND	400	ug/kg	82
1,1'-Biphenyl	ND	400	ug/kg	46
bis(2-Chloroethoxy) methane	ND	400	ug/kg	45
bis(2-Chloroethyl)-ether	ND	400	ug/kg	46
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	39
4-Bromophenyl phenyl ether	ND	400	ug/kg	33
Butyl benzyl phthalate	ND	400	ug/kg	43
Caprolactam	ND	400	ug/kg	58
Carbazole	ND	400	ug/kg	35
4-Chloroaniline	ND	400	ug/kg	27
4-Chloro-3-methylphenol	ND	400	ug/kg	34
2-Chloronaphthalene	ND	400	ug/kg	36
2-Chlorophenol	ND	400	ug/kg	69
4-Chlorophenyl phenyl ether	ND	400	ug/kg	28
Chrysene	ND	400	ug/kg	39
Dibenz(a,h)anthracene	ND	400	ug/kg	27
Dibenzofuran	ND	400	ug/kg	38
3,3'-Dichlorobenzidine	ND	1900	ug/kg	24
2,4-Dichlorophenol	ND	400	ug/kg	42

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Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0304-02

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-004 Work Order #...: JV9391AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	400	ug/kg	37
2,4-Dimethylphenol	ND	400	ug/kg	35
Dimethyl phthalate	ND	400	ug/kg	32
Di-n-butyl phthalate	ND	400	ug/kg	36
4,6-Dinitro-2-methylphenol	ND	1900	ug/kg	26
2,4-Dinitrophenol	ND	1900	ug/kg	600
2,4-Dinitrotoluene	ND	400	ug/kg	36
2,6-Dinitrotoluene	ND	400	ug/kg	30
Di-n-octyl phthalate	ND	400	ug/kg	35
Fluoranthene	ND	400	ug/kg	37
Fluorene	ND	400	ug/kg	35
Hexachlorobenzene	ND	400	ug/kg	33
Hexachlorobutadiene	ND	400	ug/kg	55
Hexachlorocyclopentadiene	ND	1900	ug/kg	27
Hexachloroethane	ND	400	ug/kg	55
Indeno(1,2,3-cd)pyrene	ND	400	ug/kg	28
Isophorone	ND	400	ug/kg	52
2-Methylnaphthalene	ND	400	ug/kg	41
2-Methylphenol	ND	400	ug/kg	59
4-Methylphenol	ND	400	ug/kg	90
Naphthalene	ND	400	ug/kg	41
2-Nitroaniline	ND	1900	ug/kg	37
3-Nitroaniline	ND	1900	ug/kg	37
4-Nitroaniline	ND	1900	ug/kg	23
Nitrobenzene	ND	400	ug/kg	50
2-Nitrophenol	ND	400	ug/kg	55
4-Nitrophenol	ND	1900	ug/kg	28
N-Nitrosodi-n-propylamine	ND	400	ug/kg	40
N-Nitrosodiphenylamine	ND	400	ug/kg	45
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	65
Pentachlorophenol	ND	1900	ug/kg	27
Phenanthrene	ND	400	ug/kg	38
Phenol	ND	400	ug/kg	44
Pyrene	ND	400	ug/kg	43
2,4,5-Trichlorophenol	ND	400	ug/kg	39
2,4,6-Trichlorophenol	ND	400	ug/kg	28

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Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0304-02

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-004 **Work Order #...:** JV9391AL **Matrix.....:** SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	57	(45 - 105)
2-Fluorophenol	51	(35 - 105)
Phenol-d5	50	(40 - 100)
2,4,6-Tribromophenol	50	(35 - 125)
Nitrobenzene-d5	55	(35 - 100)
Terphenyl-d14	86	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0405-01

GC/MS Semivolatiles

Lot-Sample #...:	C7E040173-003	Work Order #...:	JV9351AL	Matrix.....:	SOLID
Date Sampled...:	05/03/07 14:05	Date Received..:	05/04/07 09:15	MS Run #.....:	7127006
Prep Date.....:	05/07/07	Analysis Date..:	05/25/07		
Prep Batch #...:	7127015	Analysis Time..:	15:16		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	0.5 mL
% Moisture.....:	18	Analyst ID.....:	007062	Instrument ID..:	722
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	400	ug/kg	24
2,3,4,6-Tetrachlorophenol	ND	400	ug/kg	28
Acenaphthene	ND	400	ug/kg	32
Acenaphthylene	ND	400	ug/kg	37
Acetophenone	ND	400	ug/kg	60
Anthracene	ND	400	ug/kg	39
Atrazin	ND	400	ug/kg	58
Benzo(a)anthracene	ND	400	ug/kg	40
Benzo(a)pyrene	ND	400	ug/kg	37
Benzo(b)fluoranthene	ND	400	ug/kg	54
Benzo(ghi)perylene	ND	400	ug/kg	35
Benzo(k)fluoranthene	ND	400	ug/kg	52
Benzaldehyde	ND	400	ug/kg	83
1,1'-Biphenyl	ND	400	ug/kg	47
bis(2-Chloroethoxy) methane	ND	400	ug/kg	45
bis(2-Chloroethyl)-ether	ND	400	ug/kg	46
bis(2-Ethylhexyl) phthalate	ND	400	ug/kg	39
4-Bromophenyl phenyl ether	ND	400	ug/kg	34
Butyl benzyl phthalate	ND	400	ug/kg	43
Caprolactam	ND	400	ug/kg	58
Carbazole	ND	400	ug/kg	35
4-Chloroaniline	ND	400	ug/kg	27
4-Chloro-3-methylphenol	ND	400	ug/kg	34
2-Chloronaphthalene	ND	400	ug/kg	36
2-Chlorophenol	ND	400	ug/kg	70
4-Chlorophenyl phenyl ether	ND	400	ug/kg	28
Chrysene	ND	400	ug/kg	39
Dibenz(a,h)anthracene	ND	400	ug/kg	27
Dibenzofuran	ND	400	ug/kg	38
3,3'-Dichlorobenzidine	ND	2000	ug/kg	24
2,4-Dichlorophenol	ND	400	ug/kg	42

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Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0405-01

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-003 Work Order #...: JV9351AL Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	400	ug/kg	37
2,4-Dimethylphenol	ND	400	ug/kg	35
Dimethyl phthalate	ND	400	ug/kg	33
Di-n-butyl phthalate	ND	400	ug/kg	36
4,6-Dinitro-2-methylphenol	ND	2000	ug/kg	26
2,4-Dinitrophenol	ND	2000	ug/kg	610
2,4-Dinitrotoluene	ND	400	ug/kg	36
2,6-Dinitrotoluene	ND	400	ug/kg	30
Di-n-octyl phthalate	ND	400	ug/kg	35
Fluoranthene	ND	400	ug/kg	38
Fluorene	ND	400	ug/kg	35
Hexachlorobenzene	ND	400	ug/kg	33
Hexachlorobutadiene	ND	400	ug/kg	55
Hexachlorocyclopentadiene	ND	2000	ug/kg	27
Hexachloroethane	ND	400	ug/kg	56
Indeno(1,2,3-cd)pyrene	ND	400	ug/kg	29
Isophorone	ND	400	ug/kg	53
2-Methylnaphthalene	ND	400	ug/kg	42
2-Methylphenol	ND	400	ug/kg	59
4-Methylphenol	ND	400	ug/kg	91
Naphthalene	ND	400	ug/kg	42
2-Nitroaniline	ND	2000	ug/kg	38
3-Nitroaniline	ND	2000	ug/kg	38
4-Nitroaniline	ND	2000	ug/kg	23
Nitrobenzene	ND	400	ug/kg	50
2-Nitrophenol	ND	400	ug/kg	55
4-Nitrophenol	ND	2000	ug/kg	28
N-Nitrosodi-n-propylamine	ND	400	ug/kg	41
N-Nitrosodiphenylamine	ND	400	ug/kg	45
2,2'-oxybis(1-Chloropropane)	ND	400	ug/kg	66
Pentachlorophenol	ND	2000	ug/kg	28
Phenanthrene	ND	400	ug/kg	38
Phenol	ND	400	ug/kg	44
Pyrene	ND	400	ug/kg	44
2,4,5-Trichlorophenol	ND	400	ug/kg	39
2,4,6-Trichlorophenol	ND	400	ug/kg	28

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Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0405-01

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-003 Work Order #...: JV9351AL Matrix.....: SOLID

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	45	(45 - 105)
2-Fluorophenol	43	(35 - 105)
Phenol-d5	41	(40 - 100)
2,4,6-Tribromophenol	41	(35 - 125)
Nitrobenzene-d5	44	(35 - 100)
Terphenyl-d14	65	(30 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03-FB-050307

GC/MS Semivolatiles

Lot-Sample #...:	C7E040173-006	Work Order #...:	JV94K1AC	Matrix.....:	WATER
Date Sampled...:	05/03/07 15:30	Date Received..:	05/04/07 09:15	MS Run #.....:	
Prep Date.....:	05/09/07	Analysis Date..:	05/31/07		
Prep Batch #...:	7129282	Analysis Time..:	08:03		
Dilution Factor:	0.98	Initial Wgt/Vol:	1020 mL	Final Wgt/Vol..:	1 mL
Analyst ID.....:	007062	Instrument ID..:	722		
		Method.....:	SW846 8270C		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4,5-Tetrachloro-benzene	ND	9.8	ug/L	0.89
2,3,4,6-Tetrachlorophenol	ND	9.8	ug/L	1.6
Acenaphthene	ND	9.8	ug/L	1.2
Acenaphthylene	ND	9.8	ug/L	1.3
Acetophenone	ND	9.8	ug/L	0.85
Anthracene	ND	9.8	ug/L	0.87
Atrazine	ND	9.8	ug/L	2.9
Benzo(a)anthracene	ND	9.8	ug/L	0.77
Benzo(a)pyrene	ND	9.8	ug/L	0.70
Benzo(b)fluoranthene	ND	9.8	ug/L	2.6
Benzo(ghi)perylene	ND	9.8	ug/L	1.6
Benzo(k)fluoranthene	ND	9.8	ug/L	0.67
Benzaldehyde	ND	9.8	ug/L	1.0
1,1'-Biphenyl	ND	9.8	ug/L	1.3
bis(2-Chloroethoxy) methane	ND	9.8	ug/L	0.12
bis(2-Chloroethyl)-ether	ND	9.8	ug/L	0.17
bis(2-Ethylhexyl) phthalate	ND	9.8	ug/L	0.34
4-Bromophenyl phenyl ether	ND	9.8	ug/L	1.3
Butyl benzyl phthalate	ND	9.8	ug/L	0.17
Caprolactam	ND	9.8	ug/L	0.88
Carbazole	ND	9.8	ug/L	0.13
4-Chloroaniline	ND	9.8	ug/L	2.5
4-Chloro-3-methylphenol	ND	9.8	ug/L	1.1
2-Chloronaphthalene	ND	9.8	ug/L	0.13
2-Chlorophenol	ND	9.8	ug/L	0.13
4-Chlorophenyl phenyl ether	ND	9.8	ug/L	0.10
Chrysene	ND	9.8	ug/L	0.66
Dibenz(a,h)anthracene	ND	9.8	ug/L	0.62
Dibenzofuran	ND	9.8	ug/L	0.11
3,3'-Dichlorobenzidine	ND	49	ug/L	4.7
2,4-Dichlorophenol	ND	9.8	ug/L	1.6

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Tetra Tech NUS, Inc

Client Sample ID: 03-FB-050307

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-006 Work Order #...: JV94K1AC Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diethyl phthalate	ND	9.8	ug/L	0.16
2,4-Dimethylphenol	ND	9.8	ug/L	4.2
Dimethyl phthalate	ND	9.8	ug/L	0.12
Di-n-butyl phthalate	ND	9.8	ug/L	0.60
4,6-Dinitro-2-methylphenol	ND	49	ug/L	2.5
2,4-Dinitrophenol	ND	49	ug/L	0.57
2,4-Dinitrotoluene	ND	9.8	ug/L	0.90
2,6-Dinitrotoluene	ND	9.8	ug/L	0.13
Di-n-octyl phthalate	ND	9.8	ug/L	0.15
Fluoranthene	ND	9.8	ug/L	0.12
Flu rene	ND	9.8	ug/L	0.12
Hexachlorobenzene	ND	9.8	ug/L	1.1
Hexachlorobutadiene	ND	9.8	ug/L	0.13
Hexachlorocyclopentadiene	ND	49	ug/L	49
Hexachloroethane	ND	9.8	ug/L	0.15
Indeno(1,2,3-cd)pyrene	ND	9.8	ug/L	0.68
Isophorone	ND	9.8	ug/L	0.12
2-Methylnaphthalene	ND	9.8	ug/L	0.15
2-Methylphenol	ND	9.8	ug/L	0.94
4-Methylphenol	ND	9.8	ug/L	1.3
Naphthalene	ND	9.8	ug/L	0.15
2-Nitroaniline	ND	49	ug/L	0.10
3-Nitroaniline	ND	49	ug/L	1.4
4-Nitroaniline	ND	49	ug/L	1.4
Nitrobenzene	ND	9.8	ug/L	0.17
2-Nitrophenol	ND	9.8	ug/L	0.13
4-Nitrophenol	ND	49	ug/L	2.2
N-Nitrosodi-n-propylamine	ND	9.8	ug/L	0.12
N-Nitrosodiphenylamine	ND	9.8	ug/L	1.6
2,2'-oxybis(1-Chloropropane)	ND	9.8	ug/L	0.79
Pentachlorophenol	ND	49	ug/L	0.77
Phenanthrene	ND	9.8	ug/L	1.0
Phenol	ND	9.8	ug/L	0.15
Pyrene	ND	9.8	ug/L	0.11
2,4,5-Trichlorophenol	ND	9.8	ug/L	1.6
2,4,6-Trichlorophenol	ND	9.8	ug/L	1.9

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Tetra Tech NUS, Inc

Client Sample ID: 03-FB-050307

GC/MS Semivolatiles

Lot-Sample #...: C7E040173-006 Work Order #...: JV94K1AC Matrix.....: WATER

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorobiphenyl	81	(50 - 110)
2-Fluorophenol	54	(20 - 110)
Phenol-d5	80	(10 - 115)
2,4,6-Tribromophenol	91	(40 - 125)
Nitrobenzene-d5	103	(40 - 110)
Terphenyl-d14	121	(50 - 135)

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-01

GC Semivolatiles

Lot-Sample #...:	C7E040173-001	**Work Order #...:**	JV93R1A7	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7128268
Prep Date.....:	05/08/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7128422	**Analysis Time..:**	15:15		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	20	**Analyst ID.....:**	402331	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.1	ug/kg	0.32
beta-BHC	ND	2.1	ug/kg	0.25
delta-BHC	ND	2.1	ug/kg	0.22
gamma-BHC (Lindane)	ND	2.1	ug/kg	0.29
H ptachlor	ND	2.1	ug/kg	0.27
Aldrin	ND	2.1	ug/kg	0.22
Heptachlor epoxide	ND	2.1	ug/kg	0.21
Endosulfan I	ND	2.1	ug/kg	0.22
Dieldrin	ND	2.1	ug/kg	0.16
4,4'-DDE	ND	2.1	ug/kg	0.13
Endrin	ND	2.1	ug/kg	0.17
Endrin ketone	ND	2.1	ug/kg	0.24
Endrin aldehyde	ND	2.1	ug/kg	0.26
Endosulfan II	ND	2.1	ug/kg	0.48
4,4'-DDD	ND	2.1	ug/kg	0.19
Endosulfan sulfate	ND	2.1	ug/kg	0.34
4,4'-DDT	ND	2.1	ug/kg	0.29
Methoxychlor	ND	4.1	ug/kg	0.87
alpha-Chlordane	ND	2.1	ug/kg	0.13
gamma-Chlordane	ND	2.1	ug/kg	0.21
Toxaphene	ND	84	ug/kg	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(70 - 125)
Decachlorobiphenyl	97	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-02

GC Semivolatiles

Lot-Sample #...:	C7E040173-002	**Work Order #...:**	JV9331A7	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7128268
Prep Date.....:	05/08/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7128422	**Analysis Time..:**	15:32		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	21	**Analyst ID.....:**	402331	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.1	ug/kg	0.32
beta-BHC	ND	2.1	ug/kg	0.25
delta-BHC	ND	2.1	ug/kg	0.22
gamma-BHC (Lindane)	ND	2.1	ug/kg	0.29
Heptachlor	ND	2.1	ug/kg	0.27
Aldrin	ND	2.1	ug/kg	0.22
Heptachlor epoxide	ND	2.1	ug/kg	0.21
Endosulfan I	ND	2.1	ug/kg	0.22
Dieldrin	ND	2.1	ug/kg	0.16
4,4'-DDE	ND	2.1	ug/kg	0.13
Endrin	ND	2.1	ug/kg	0.17
Endrin ketone	ND	2.1	ug/kg	0.24
Endrin aldehyde	ND	2.1	ug/kg	0.27
Endosulfan II	ND	2.1	ug/kg	0.48
4,4'-DDD	ND	2.1	ug/kg	0.19
Endosulfan sulfate	ND	2.1	ug/kg	0.34
4,4'-DDT	ND	2.1	ug/kg	0.29
Methoxychlor	ND	4.2	ug/kg	0.87
alpha-Chlordane	ND	2.1	ug/kg	0.13
gamma-Chlordane	ND	2.1	ug/kg	0.22
Toxaphene	ND	84	ug/kg	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	93	(70 - 125)
Decachlorobiphenyl	97	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0304-02

GC Semivolatiles

Lot-Sample #...:	C7E040173-004	**Work Order #...:**	JV9391A7	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7128268
Prep Date.....:	05/08/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7128422	**Analysis Time..:**	16:06		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	17	**Analyst ID.....:**	402331	**Instrument ID..:**	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.1	ug/kg	0.31
beta-BHC	ND	2.1	ug/kg	0.24
delta-BHC	ND	2.1	ug/kg	0.21
gamma-BHC (Lindane)	ND	2.1	ug/kg	0.28
Heptachlor	ND	2.1	ug/kg	0.26
Aldrin	ND	2.1	ug/kg	0.21
Heptachlor epoxide	ND	2.1	ug/kg	0.20
Endosulfan I	ND	2.1	ug/kg	0.21
Dieldrin	ND	2.1	ug/kg	0.15
4,4'-DDE	ND	2.1	ug/kg	0.12
Endrin	ND	2.1	ug/kg	0.16
Endrin ketone	ND	2.1	ug/kg	0.23
Endrin aldehyde	ND	2.1	ug/kg	0.26
Endosulfan II	ND	2.1	ug/kg	0.46
4,4'-DDD	ND	2.1	ug/kg	0.18
Endosulfan sulfate	ND	2.1	ug/kg	0.33
4,4'-DDT	ND	2.1	ug/kg	0.28
Methoxychlor	ND	4.0	ug/kg	0.84
alpha-Chlordane	**0.39 J**	**2.1**	**ug/kg**	**0.13**
gamma-Chlordane	ND	2.1	ug/kg	0.21
Toxaphene	ND	81	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(70 - 125)
Decachlorobiphenyl	96	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quanitation is estimated.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0405-01

GC Semivolatiles

Lot-Sample #...:	C7E040173-003	Work Order #...:	JV9351A7	Matrix.....:	SOLID
Date Sampled...:	05/03/07	Date Received..:	05/04/07	MS Run #.....:	7128268
Prep Date.....:	05/08/07	Analysis Date..:	05/09/07		
Prep Batch #...:	7128422	Analysis Time..:	15:49		
Dilution Factor:	1	Initial Wgt/Vol:	15 g	Final Wgt/Vol..:	20 mL
% Moisture.....:	18	Analyst ID.....:	402331	Instrument ID..:	G/H
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	2.1	ug/kg	0.31
beta-BHC	ND	2.1	ug/kg	0.24
delta-BHC	ND	2.1	ug/kg	0.22
gamma-BHC (Lindane)	ND	2.1	ug/kg	0.28
Heptachlor	ND	2.1	ug/kg	0.26
Aldrin	ND	2.1	ug/kg	0.22
Heptachlor epoxide	ND	2.1	ug/kg	0.20
Endosulfan I	ND	2.1	ug/kg	0.21
Dieldrin	ND	2.1	ug/kg	0.15
4,4'-DDE	ND	2.1	ug/kg	0.12
Endrin	ND	2.1	ug/kg	0.16
Endrin ketone	ND	2.1	ug/kg	0.24
Endrin aldehyde	ND	2.1	ug/kg	0.26
Endosulfan II	ND	2.1	ug/kg	0.47
4,4'-DDD	ND	2.1	ug/kg	0.18
Endosulfan sulfate	ND	2.1	ug/kg	0.33
4,4'-DDT	ND	2.1	ug/kg	0.28
Methoxychlor	ND	4.0	ug/kg	0.85
alpha-Chlordane	**0.26 J,PG**	**2.1**	**ug/kg**	**0.13**
gamma-Chlordane	ND	2.1	ug/kg	0.21
Toxaphene	ND	82	ug/kg	14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(70 - 125)
Decachlorobiphenyl	95	(55 - 130)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated: The analyte was positively identified; the quantitation is estimated.

PG The percent difference between the original and confirmation analyses is greater than 40%.

Tetra Tech NUS, Inc

Client Sample ID: 03-FB-050307

GC Semivolatiles

Lot-Sample #...:	C7E040173-006	**Work Order #...:**	JV94K1AD	**Matrix.....:**	WATER
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	
Prep Date.....:	05/04/07	**Analysis Date..:**	05/08/07		
Prep Batch #...:	7124506	**Analysis Time..:**	09:16		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402331	**Instrument ID..:**	G/H		
		Method.....:	SW846 8081A		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
alpha-BHC	ND	0.048	ug/L	0.015
beta-BHC	ND	0.048	ug/L	0.014
delta-BHC	ND	0.048	ug/L	0.0092
gamma-BHC (Lindane)	ND	0.048	ug/L	0.015
Heptachlor	ND	0.048	ug/L	0.013
Aldrin	ND	0.048	ug/L	0.011
Heptachlor epoxide	ND	0.048	ug/L	0.0096
Endosulfan I	ND	0.048	ug/L	0.0072
Dieldrin	ND	0.048	ug/L	0.0078
4,4'-DDE	ND	0.048	ug/L	0.0066
Endrin	ND	0.048	ug/L	0.0074
Endrin ketone	ND	0.048	ug/L	0.0097
Endrin aldehyde	ND	0.048	ug/L	0.012
Endosulfan II	ND	0.048	ug/L	0.015
4,4'-DDD	ND	0.048	ug/L	0.0075
Endosulfan sulfate	ND	0.048	ug/L	0.015
4,4'-DDT	ND	0.048	ug/L	0.013
Methoxychlor	ND	0.097	ug/L	0.018
alpha-Chlordane	ND	0.048	ug/L	0.011
gamma-Chlordane	ND	0.048	ug/L	0.0073
Toxaphene	ND	1.9	ug/L	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(25 - 140)
Decachlorobiphenyl	94	(30 - 135)

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-01

GC Semivolatiles

Lot-Sample #...:	C7E040173-001	**Work Order #...:**	JV93R1A8	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7128271
Prep Date.....:	05/08/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7128427	**Analysis Time..:**	19:29		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	20	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	21	ug/kg	4.6
Aroclor 1268	ND	21	ug/kg	2.7
Aroclor 1016	ND	21	ug/kg	3.1
Aroclor 1221	ND	21	ug/kg	4.0
Aroclor 1232	ND	21	ug/kg	3.6
Aroclor 1242	ND	21	ug/kg	3.4
Aroclor 1248	ND	21	ug/kg	2.0
Aroclor 1254	ND	21	ug/kg	3.0
Aroclor 1260	ND	21	ug/kg	3.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(40 - 140)
Decachlorobiphenyl	83	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP09-0506-02

GC Semivolatiles

Lot-Sample #...:	C7E040173-002	**Work Order #...:**	JV9331A8	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7128271
Prep Date.....:	05/08/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7128427	**Analysis Time..:**	19:52		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	21	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	21	ug/kg	4.6
Aroclor 1268	ND	21	ug/kg	2.7
Aroclor 1016	ND	21	ug/kg	3.1
Aroclor 1221	ND	21	ug/kg	4.0
Aroclor 1232	ND	21	ug/kg	3.6
Aroclor 1242	ND	21	ug/kg	3.4
Aroclor 1248	ND	21	ug/kg	2.0
Aroclor 1254	ND	21	ug/kg	3.0
Aroclor 1260	ND	21	ug/kg	3.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(40 - 140)
Decachlorobiphenyl	80	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0304-02

GC Semivolatiles

Lot-Sample #...:	C7E040173-004	**Work Order #...:**	JV9391A8	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7128271
Prep Date.....:	05/08/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7128427	**Analysis Time..:**	21:48		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	17	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	20	ug/kg	4.4
Aroclor 1268	ND	20	ug/kg	2.6
Aroclor 1016	ND	20	ug/kg	3.0
Aroclor 1221	ND	20	ug/kg	3.8
Aroclor 1232	ND	20	ug/kg	3.4
Aroclor 1242	ND	20	ug/kg	3.3
Aroclor 1248	ND	20	ug/kg	1.9
Aroclor 1254	ND	20	ug/kg	2.9
Aroclor 1260	ND	20	ug/kg	2.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(40 - 140)
Decachlorobiphenyl	85	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03TP10-0405-01

GC Semivolatiles

Lot-Sample #...:	C7E040173-003	**Work Order #...:**	JV9351A8	**Matrix.....:**	SOLID
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	7128271
Prep Date.....:	05/08/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7128427	**Analysis Time..:**	20:15		
Dilution Factor:	1	**Initial Wgt/Vol:**	15 g	**Final Wgt/Vol..:**	20 mL
% Moisture.....:	18	**Analyst ID.....:**	402360	**Instrument ID..:**	S/T
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1262	ND	20	ug/kg	4.5
Aroclor 1268	ND	20	ug/kg	2.6
Aroclor 1016	ND	20	ug/kg	3.0
Aroclor 1221	ND	20	ug/kg	3.9
Aroclor 1232	ND	20	ug/kg	3.5
Aroclor 1242	ND	20	ug/kg	3.3
Aroclor 1248	ND	20	ug/kg	1.9
Aroclor 1254	ND	20	ug/kg	2.9
Aroclor 1260	ND	20	ug/kg	2.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(40 - 140)
Decachlorobiphenyl	81	(60 - 125)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Tetra Tech NUS, Inc

Client Sample ID: 03-FB-050307

GC Semivolatiles

Lot-Sample #...:	C7E040173-006	**Work Order #...:**	JV94K1AE	**Matrix.....:**	WATER
Date Sampled...:	05/03/07	**Date Received..:**	05/04/07	**MS Run #.....:**	
Prep Date.....:	05/04/07	**Analysis Date..:**	05/09/07		
Prep Batch #...:	7124510	**Analysis Time..:**	22:46		
Dilution Factor:	0.97	**Initial Wgt/Vol:**	1030 mL	**Final Wgt/Vol..:**	40 mL
Analyst ID.....:	402360	**Instrument ID..:**	S/T		
		Method.....:	SW846 8082		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.39	ug/L	0.098
Aroclor 1221	ND	0.39	ug/L	0.097
Aroclor 1232	ND	0.39	ug/L	0.11
Aroclor 1242	ND	0.39	ug/L	0.072
Aroclor 1248	ND	0.39	ug/L	0.088
Aroclor 1254	ND	0.39	ug/L	0.089
Aroclor 1260	ND	0.39	ug/L	0.053

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(40 - 140)
Decachlorobiphenyl	98	(40 - 135)

APPENDIX C

Support Documentation

CASE NARRATIVE
TETRATECH NUS, INC.
WILLOW GROVE
CT0 003

STL Lot #: C7E040173

Sample Receiving:
STL Pittsburgh received samples on May 4, 2007. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, when batch QC was completed on these samples, anomalous results will be discussed below.

GC/MS Volatiles:
All non-CCC compounds, associated with ICAL 4050507S, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compounds: 1,2-Dibromo-3-chloropropane, Bromoform, Chloroethane and Methylene chloride. The following compound used a quadratic curve and the correlation coefficient was >0.995: Acetone.

All non-CCC compounds, associated with ICAL 3050107H, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compound: Trichlorofluoromethane. The following compound used a quadratic curve and the correlation coefficient was >0.995: Acetone.

The method blank for batch 7130081 had methylene chloride detected below the reporting limit but above the MDL. The result was flagged with a "J" qualifier. Any sample associated with this blank that had methylene chloride detected had the result flagged with a "B" qualifier.

The LCS associated with batch 7134083 had acetone and 2-hexanone recover high and outside of criteria. This LCS is within acceptable criteria based on the number of marginal exceedances allowed according to DOD requirements.

CASE NARRATIVE
TETRATECH NUS, INC.
WILLOW GROVE
CT0 003

STL Lot #: C7E040173

GC/MS Semivolatiles:
All non-CCC compounds, associated with ICAL 051407APPIX722, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compounds: Benzaldehyde, 2,4-Dinitrophenol, Pentachlorophenol, 3,3'-Dichlorobenzidine, Benzo(b)fluoranthene and Dibenz(a,h)anthracene.

The following compound associated with ICAL 051407APPIX722 had %RSD >30% but are within expected ranges: Atrazine.

All non-CCC compounds, associated with ICAL 0522078270722, that have >15% RSD were evaluated to see if a better curve could be drawn. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a curve. A quadratic curve will be used for a compound where it is determined to be the "best-fit" evaluation. It was determined that an average response factor curve was the "best fit" for the following compounds: 4-Methylphenol, 4-Chloroaniline, 1,1'-Biphenyl, 2,3,4,6-Tetrachlorophenol, Fluorene, 4-Chlorophenyl-phenylether, 4,6-Dinitro-2-methylphenol, Atrazine, Pentachlorophenol, 3,3'-Dichlorobenzidine, Benzo(b)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene and 2,4,6-Tribromophenol.

The following compound associated with ICAL 0522078270722 had %RSD >30% but are within expected ranges: Benzaldehyde and 2,4-Dinitrophenol.

The reporting limits for the aqueous sample were adjusted according to the amount of sample extracted.

The LCSD associated with batch 7127015 had 3-Methylphenol and 4-Methylphenol recover high and outside of criteria. This LCS is within acceptable criteria based on the number of marginal exceedances allowed according to DOD requirements.

The LCSD associated with batch 7129282 had 3fluoranthene recover high and outside of criteria. This LCS is within acceptable criteria based on the number of marginal exceedances allowed according to DOD requirements.

CASE NARRATIVE
TETRATECH NUS, INC.
WILLOW GROVE
CT0 003

STL Lot #: C7E040173

Pesticides:
The reporting limits for the aqueous sample were adjusted according to the amount of sample extracted.

All compounds <20% RSD will use and average response factor curve if no visible improvement is accomplished using a curve. The curve plot is provided for any compound that required a "best-fit" evaluation.

Continuing calibration standards G057234 and G057246 had endosulfan sulfate not meet the 15%D criteria (–22.5% and –15.9% respectively). This compound was not detected in the samples and met criteria in the continuing calibration standards on the MR2 column. All data was reported.

PCBs:
The reporting limits for the aqueous sample were adjusted according to the amount of sample extracted.

Metals:
Sample 03TP10-0405-01 was over the instruments linear range for manganese and required a dilution. This sample was also analyzed at a dilution for selenium and thallium due to inter-element corrections associated with manganese.

The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

General Chemistry:
There were no problems associated with the analyses.

C7E040173

Chain of Custody Record

STL-4124 (0901)

STL
Severn Trent Laboratories, Inc.

Client	Tetra Tech NUS
Address	600 Clark Ave
City	King of Prussia
State	PA
Zip Code	19406
Project Manager	Russell Turner
Telephone Number (Area Code)/Fax Number	610 491 9688
Site Contact	
Lab Contact	
Date	5/3/07
Chain of Custody Number	312317
Lab Number	
Page	1 of 1
Project Name and Location (State)	NAS JRB Willow Grove, PA
Carrier/Waybill Number	Fed Ex 8545 6865 8541
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil		Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH		Analysis (Attach list if more space is needed): VOC 5 g Encore	SVOC, Pest/PCB 4 oz	Metals/CN 4 oz	VOC 40 ml vial	SVOC 1 liter amber	Pest/PCB 1 liter amber	Metals 500 ml						Special Instructions/ Conditions of Receipt
03TP09-0506-01	5/3/07	0820				✓		✓							3	1	1										
03TP09-0506-02	5/3/07	0850				✓		✓							3	1	1										
03TP10-0405-01	5/3/07	1405				✓		✓							3	1	1										
03TP10-0304-02	5/3/07	1430				✓		✓							3	1	1										
03TB-04	5/3/07	0740		✓							✓							2									Trip Blank
03-FB-050307	5/3/07	1530		✓				✓		✓	✓							3	2	2	1						Field Blank

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

1. Relinquished By: Donald Whalen	Date: 5/3/07	Time: 1830	1. Received By: [signature]	Date: 5/4/07	Time: 915
2. Relinquished By	Date	Time	2. Received By	Date: 5-4-07	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

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(1 - 408)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7E040173 **Work Order #...:** JWMA41AA **Matrix.....:** SOLID
MB Lot-Sample #: C7E100000-081

Prep Date.....: 05/10/07 **Analysis Time..:** 06:14
Analysis Date..: 05/10/07 **Prep Batch #...:** 7130081 **Final Wgt/Vol..:** 5 mL
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Instrument ID..:** HP4
Analyst ID.....: 010099

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chlorodibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
o-Xylene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	10	ug/kg	SW846 8260B
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chlorom thane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	**1.6 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:

Contract:

Lab Code: Case No.:

SAS No.: SDG No.: C7E040173

EPA Sample No. (SSTD050##): SSTD050

Date Analyzed: 05/31/07

Lab File ID (Standard): F05310C1

Time Analyzed: 0443

Instrument ID: 722

GC Column: HP5-MS ID:0.25(mm)

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
	12 HOUR STD	432847	10.34	312376	16.27	129407	19.63
	UPPER LIMIT	865694	10.84	624752	16.77	258814	20.13
	LOWER LIMIT	216424	9.84	156188	15.77	64704	19.13
	CLIENT SAMPLE NO.						
01	03-FB-050307	536662	10.34	453649	16.25	287101*	19.61
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits

page 1 of 1

FORM VIII SV

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

03TP10-0405-01

Lab Name: .STL PITTSBURGH Contract:

Lab Code: STL Case No.: SAS No.: 40325 SDG No.: C7E040173

Lab Sample ID: JV9351A7 Date(s) Analyzed: 05/09/07 05/09/07

Instrument ID (1): GC4 Instrument ID (2): GC4

GC Column(1): MR-1 ID: 0.53(mm) GC Column(2): MR-2 ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
~~Endosulfan II~~ 12/15-10-07	1	7.53	7.50	7.56	0.3236	
	2	7.63	7.60	7.70	0.2262	43.0
alpha-Chlordane	1	6.47	6.43	6.49	0.2118	
	2	6.38	6.36	6.46	0.3245	53.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

page 1 of 1

FORM X PEST-1 OLM03.0

STL Pittsburgh

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: hp4.i
Lab File ID: CC40510.D
Analysis Type: SOIL
Lab Sample ID: VSTD50
Method: \\qpitpa02\d\chem\hp4.i\4051007d.b\8260bsoil.m

Injection Date: 10-MAY-2007 05:10
Init. Cal. Date(s): 22-MAR-2007 05-MAY-2007
Init. Cal. Times: 18:10 06:23
Quant Type: ISTD

	COMPOUND	RRF	RF50	MIN RRF	%D	MAX %D
	53 Bromodichloromethane	0.30313	0.28503	0.010	-6.0	25.0
	57 cis-1,3-Dichloropropene	0.38751	0.36636	0.010	-5.5	25.0
	58 4-Methyl-2-Pentanone	1.09966	1.25672	0.010	14.3	50.0
	60 Toluene	5.61198	5.81210	0.010	3.6	20.0
	61 trans-1,3-Dichloropropene	1.38688	1.46298	0.010	5.5	25.0
	63 1,3-Dichloropropane	1.41040	1.50024	0.010	6.4	25.0
	64 1,1,2-Trichloroethane	0.76079	0.81695	0.010	7.4	25.0
	65 Tetrachloroethene	0.96249	1.01046	0.010	5.0	25.0
	66 2-Hexanone	0.94901	1.20983	0.010	27.5	50.0
	67 Dibromochloromethane	0.78001	0.81471	0.010	4.4	25.0
	68 1,2-Dibromoethane	0.74801	0.79150	0.010	5.8	25.0
	70 Chlorobenzene	3.18524	3.34195	0.300	4.9	25.0
	71 1,1,1,2-Tetrachloroethane	0.93977	1.00472	0.010	6.9	25.0
	72 Ethylbenzene	1.89382	1.99000	0.010	5.1	20.0
	73 m + p-Xylene	2.29584	2.44954	0.010	6.7	25.0
	74 Xylene-o	2.15943	2.30335	0.010	6.7	25.0
M	75 Xylenes (total)	2.25037	2.40081	0.010	6.7	25.0
	76 Styrene	3.54795	3.79363	0.010	6.9	25.0
	77 Bromoform	0.37923	0.39190	0.100	3.3	25.0
	78 Isopropylbenzene	5.95698	6.34134	0.010	6.5	25.0
	83 1,1,2,2-Tetrachloroethane	0.57010	0.66096	0.300	15.9	25.0
	91 1,3-Dichlorobenzene	1.60913	1.81193	0.010	12.6	25.0
	93 1,4-Dichlorobenzene	1.63625	1.83610	0.010	12.2	25.0
	95 1,2-Dichlorobenzene	1.42330	1.61928	0.010	13.8	25.0
	96 1,2-Dibromo-3-chloropropane	0.09006	0.10237	0.010	13.7	50.0
	97 1,2,4-Trichlorobenzene	0.95320	1.08250	0.010	13.6	25.0
	100 1,2,3-Trichlorobenzene	0.80280	0.89493	0.010	11.5	25.0

no positive detection in associated samples.

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No:

Lot #: C7E140000 WO #: JWWPL1AC
BATCH: 7134083

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,1-Dichloroethene	50.0	48.2	96	70- 130	
Trichloroethene	50.0	49.6	99	70- 125	
Benzene	50.0	50.6	101	80- 120	
Toluene	50.0	56.4	113	75- 120	
Chlorobenzene	50.0	56.0	112	80- 120	
Acetone	50.0	80.8	162*	40- 140	a
Bromodichloromethane	50.0	49.1	98	75- 120	
Bromoform	50.0	49.9	100	70- 130	
Bromomethane	50.0	50.0	100	30- 145	
2-Butanone	50.0	74.3	149	30- 150	
Bromochloromethane	50.0	49.8	100	65- 130	
Carbon disulfide	50.0	46.0	92	35- 160	
Carbon tetrachloride	50.0	46.5	93	65- 140	
Chloroethane	50.0	53.6	107	60- 135	
Chloroform	50.0	50.1	100	65- 135	
Chloromethane	50.0	49.5	99	40- 125	
1,2-Dibromo-3-chloropropa	50.0	43.9	88	50- 130	
1,2-Dibromoethane	50.0	57.2	114	80- 120	
1,3-Dichlorobenzene	50.0	52.4	105	75- 125	
1,4-Dichlorobenzene	50.0	52.1	104	75- 125	
1,2-Dichlorobenzene	50.0	52.4	105	70- 120	
Dichlorodifluoromethane	50.0	47.4	95	30- 155	
1,1-Dichloroethane	50.0	49.1	98	70- 135	
1,2-Dichloroethane	50.0	52.6	105	70- 130	
trans-1,2-Dichloroethene	50.0	48.6	97	60- 140	
cis-1,2-Dichloroethene	50.0	50.2	100	70- 125	
1,2-Dichloropropane	50.0	50.9	102	75- 125	
cis-1,3-Dichloropropene	50.0	48.1	96	70- 130	
trans-1,3-Dichloropropene	50.0	53.2	106	55- 140	
Ethylbenzene	50.0	55.8	112	75- 125	
2-Hexanone	50.0	76.1	152*	55- 130	a

(Continued on next page)

STL Pittsburgh

INITIAL CALIBRATION DATA

Start Cal Date : 22-MAY-2007 05:53
End Cal Date : 22-MAY-2007 08:18
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\qpitpa02\d\chem\722.i\5pt.b\8270b.m
Last Edit : 23-May-2007 11:12 bungardf
Curve Type : Average

Calibration File Names:
Level 1: \\qpitpa02\d\chem\722.i\5pt.b\F05220C2.D
Level 2: \\qpitpa02\d\chem\722.i\5pt.b\F05220C3.D
Level 3: \\qpitpa02\d\chem\722.i\5pt.b\F05220C1.D
Level 4: \\qpitpa02\d\chem\722.i\5pt.b\F05220C4.D
Level 5: \\qpitpa02\d\chem\722.i\5pt.b\F05220C5.D
Level 6: \\qpitpa02\d\chem\722.i\5pt.b\F05220C6.D

Compound	20.000 Level 1	40.000 Level 2	50.000 Level 3	80.000 Level 4	120.000 Level 5	160.000 Level 6	RRF	% RSD	
225 n-Decane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
226 n-Octadecane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
224 Pentachloroanisole	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
203 3&4 Methylphenol total	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
198 1,4-Dioxane	0.80783	0.85090	0.78322	0.79489	0.77457	0.74499	0.79273	4.483	
7 N-Nitrosomorpholine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
8 Ethyl methanesulfonate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
9 Pyridine	2.09834	2.06140	2.00258	1.95954	1.90499	1.84664	1.97892	4.792	
199 Thionazin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
200 Sulfotepp	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
10 N-Nitrosodimethylamine	1.07611	1.09582	1.02781	1.04709	1.02654	0.98797	1.04356	3.694	
11 Ethyl methacrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
12 3-Chloropropionitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
13 Malononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
14 2-Picoline	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
15 N-Nitrosomethylethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
16 Methyl methanesulfonate	1.12369	1.14981	1.07439	1.09961	1.03304	1.00899	1.08159	4.967	
18 1,3-Dichloro-2-propanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
19 N-Nitrosodiethylamine	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
220 Benzaldehyde	1.07180	0.91144	0.65148	0.67251	0.47508	0.38609	0.69473	37.259	<-
21 Aniline	1.60986	1.55481	1.47089	1.48016	1.45115	1.43072	1.49960	4.372	
22 Phenol	1.41866	1.44790	1.46942	1.45389	1.50968	1.58503	1.48076	3.995	
23 bis(2-Chloroethyl)ether	1.06035	1.03536	1.04891	1.03121	1.07674	1.12280	1.06236	3.190	
24 2-Chlorophenol	1.29291	1.31277	1.31634	1.29511	1.37421	1.42938	1.33679	4.046	
25 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
26 1,3-Dichlorobenzene	1.61658	1.61194	1.60833	1.63125	1.73334	1.78936	1.66513	4.624	
27 1,4-Dichlorobenzene	1.64545	1.61147	1.60397	1.66605	1.73463	1.80389	1.67758	4.630	
28 1,2-Dichlorobenzene	1.47777	1.46905	1.48051	1.51518	1.60528	1.69452	1.54039	5.893	

SW846 8270C CHECK SAMPLE RECOVERY

Lab Name: Severn Trent Laboratories, Inc. Client: Tetra Tech NUS, Inc

Lab Code: STLPIT SDG No: -

Lot #: C7E070000 WO #: JWEJ51AC

BATCH: 7127015

COMPOUND	SPIKE ADDED (ug/kg)	SAMPLE CONCENT. (ug/kg)	% REC	QC LIMITS REC	QUAL
2,2'-oxybis(1-Chloropropa	1670	1290	77	20- 115	
N-Nitrosodimethylamine	1670	1470	88	20- 115	
3-Methylphenol & 4-Methyl	3330	3580	107*	40- 105	a
1,2-Diphenylhydrazine (as	1670	1560	93	1- 175	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 1 out of 66 outside limits

COMMENTS:

FORM III

SW846 8270C CHECK SAMPLE DUPLICATE RECOVERY

Lab Nam : Severn Trent Laboratories, Inc.

Client: Tetra Tech NUS, Inc

Lab Code: STLPIT

SDG No:

Lot #: C7E090000

WO #: JWJ6N1AD
BATCH: 7129282

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
1,2-Dichl robenzene	50.0	29.8	60	35- 100	
1,3-Dichlorobenzene	50.0	28.6	57	30- 100	
3,3'-Dichlorobenzidine	50.0	25.2	50	20- 110	
2,4-Dichlorophenol	50.0	28.4	57	50- 105	
Diethyl phthalate	50.0	27.1	54	40- 120	
2,4-Dimethylphenol	50.0	27.0	54	30- 110	
Dimethyl phthalate	50.0	27.2	54	25- 125	
4,6-Dinitro-2-methylpheno	50.0	31.6	63	40- 130	
2,4-Dinitrophenol	50.0	28.5	57	15- 140	
2,6-Dinitrotoluene	50.0	26.4	53	50- 115	
Di-n-octyl phthalate	50.0	32.7	65	35- 135	
Fluoranthene	50.0	26.1	52*	55- 115	a
Fluorene	50.0	28.9	58	50- 110	
Hexachlorobenzene	50.0	31.7	63	50- 110	
Hexachlorobutadiene	50.0	30.9	62	25- 105	
Hexachloroethane	50.0	27.8	56	30- 95	
Indeno(1,2,3-cd)pyrene	50.0	24.9	50	45- 125	
Isophorone	50.0	29.1	58	50- 110	
2-Methylnaphthalene	50.0	28.1	56	45- 105	
2-Methylphenol	50.0	29.2	58	40- 110	
Naphthalene	50.0	30.0	60	40- 100	
2-Nitroaniline	50.0	28.0	56	50- 115	
3-Nitroaniline	50.0	22.7	45	20- 125	
4-Nitroaniline	50.0	23.7	47	35- 120	
Nitrobenzene	50.0	29.2	58	45- 110	
2-Nitrophenol	50.0	27.9	56	40- 115	
N-Nitrosodiphenylamine	50.0	27.9	56	50- 110	
Phenanthrene	50.0	29.2	58	50- 115	
2,4,5-Trichlorophenol	50.0	26.8	54	50- 110	
2,4,6-Trichlorophenol	50.0	30.1	60	50- 115	
Benzyl alcohol	50.0	28.0	56	30- 110	

(Continued on next page)