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E.C. JORDAN CO.

ENGINEERS &
SCIENTISTS

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION
SUPERFUND STANDBY CONTRACT

NORTH LAWRENCE
OIL DUMP SITE
St. Lawrence County, New York
WORK ASSIGNMENT NO. D002472-10

PHASE II ANALYTICAL DATA

JULY 1992

SECOND PHASE DATA TABLES

SECTION 1.0	SOIL BORINGS
SECTION 2.0	SEDIMENT
SECTION 3.0	GROUNDWATER

Definition of Data Qualifiers

Organic Data Qualifiers

- J - Indicates an estimated concentration because results are either below the contract required detection level (CRQL) or quality control criteria were not met.
- JJ - Validation qualifier for concentrations below the CRQL.
- U - Indicates that compound was analyzed but not detected.
- UJ - Indicates that quantitation level was estimated because QC criteria were not met.
- B - Indicates analyte was detected in both the sample and the associated laboratory method blank.
- E - Indicates that the analyte concentration exceeded the calibration range of the GC/MS and that a re-analysis of a diluted sample is required.
- D - Indicates that sample concentration was obtained by dilution to bring result within calibration range.
- R - Indicates that data is unusable because QC criteria were not met.
- N - Indicates presumptive evidence of a compound. This flag is used for TICs where the identification is based on a library search and is applied to all TIC results. For general classes of compounds (hydrocarbons, etc.) this flag is not used.
- P - This flag is used for pesticides/PCBs when there is greater than 25% difference between the concentrations on the two columns used for analysis.
- C - This flag applies to pesticide/PCBs results when the identification has been confirmed by GC/MS.
- A - Indicates that a TIC is a suspected aldol-condensation product.
- X - Laboratory-defined qualifier used to provide additional information not covered by the other qualifiers.
- T - Indicates that analyte identification is tentative.

Inorganic Data Qualifiers

- E - The reported concentration is estimated because of the presence of an interference.
- J - Indicates an estimated concentration because QC criteria were not met.
- R - Indicates that data is unusable because QC criteria were not met.
- M - Duplicate injection precision criteria were not met.
- N - Spiked sample recovery not within control limits.
- s - The reported concentration was determined by the method of standard additions.
- W - Postdigestion spike for furnace atomic adsorption analysis is outside control limits.
- [] - Concentration reported is below CRQL.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the method of standard additions was less than 0.995

Other Notations

- NR - Analysis not requested.
- NA - Analysis requested but not performed.
- - Compound analyzed but is less than the CRQL.

SECOND PHASE SOIL BORINGS

VOLATILE ORGANIC DATA
SEMIVOLATILE ORGANIC DATA
PESTICIDE AND POLYCHLORINATED BIPHENYL DATA
TOTAL ORGANIC CARBON DATA

VOLATILE ORGANIC DATA

TABLE 1

Table 1
Laboratory Report of Analysis

ANALYTE	SOH-02/88	CRQL	JSB201004X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB202004X 1046204 11/19/91 11/25/91	JSB203002X 1046202 11/19/91 11/25/91	JSB204004X 1048101 11/19/91 11/25/91	JSB205002D 1048105 11/19/91 11/27/91	JSB205002X 1048104 11/19/91 11/27/91	JSB206004X 1048107 11/19/91 11/27/91	
Chloromethane	10	U	11	U	11	U	12	U	13	U
Bromomethane	10	U	11	U	11	U	12	U	13	U
Vinyl Chloride	10	U	11	U	11	U	12	U	13	U
Chloroethane	10	U	11	U	11	U	12	U	13	U
Methylene Chloride	5	J	5	J	4	J	5	J	10	U
Acetone	10	U	25	U	11	U	12	U	18	DJ
Carbon Disulfide	5	U	5	U	5	U	6	U	13	U
1,1-Dichloroethane	5	U	5	U	5	U	6	U	6	U
1,1-Dichloroethane	5	U	5	U	5	U	6	U	6	U
1,2-Dichloroethane (total)	5	U	5	U	5	U	6	U	6	U
Chloroform	5	U	5	U	5	U	6	U	6	U
1,2-Dichloroethane	5	U	5	U	5	U	6	U	6	U
2-Butanone	10	U	11	U	11	U	12	U	13	U
1,1,1-Trichloroethane	5	U	5	U	5	U	6	U	6	U
Carbon Tetrachloride	5	U	5	U	5	U	6	U	6	U
Vinyl Acetate	10	U	11	U	11	U	12	U	13	U
Bromodichloromethane	5	U	5	U	5	U	6	U	6	U
1,2-Dichloropropane	5	U	5	U	5	U	6	U	6	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	6	U	6	U
Trichloroethene	5	U	5	U	5	U	6	U	6	U
Dibromochloromethane	5	U	5	U	5	U	6	U	6	U
1,1,2-Trichloroethane	5	U	5	U	5	U	6	U	6	U
Benzene	5	U	5	U	5	U	6	U	6	U
trans-1,3-Dichloropropene	5	U	5	U	5	U	6	U	6	U
Bromoform	5	U	5	U	5	U	6	U	6	U
4-Methyl-2-Pentanone	10	U	11	U	11	U	12	U	13	U
2-Hexanone	10	U	11	U	11	U	12	U	13	U
Tetrachloroethene	5	J	2	J	5	U	6	U	6	U
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	6	U	6	U
Toluene	5	U	5	U	5	U	6	U	6	U
Chlorobenzene	5	U	5	U	5	U	6	U	6	U
Ethylbenzene	5	U	5	U	5	U	6	U	6	U
Styrene	5	U	5	U	5	U	6	U	6	U
Total Xylenes	5	U	5	U	5	U	6	U	6	U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:			92	90	92	81	86	91	80	80
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-
Associated Trip Blank:			-	-	-	-	-	-	-	-

PROJECT: North Lawrence Volatile Organic Soil Analysis (ug/kg)

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JOB#	LAB#	DATE	JOB#	LAB#	DATE	JOB#	LAB#	DATE
Chloromethane	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Bromomethane	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Vinyl Chloride	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Chloroethane	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Methylene Chloride	5		22	DJ	11/27/91	4	J	11/27/91	1048117	DJ	11/27/91
Acetone	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Carbon Disulfide	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
1,1-Dichloroethene	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
1,1-Dichloroethane	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
1,2-Dichloroethene (total)	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
1,2-Dichloroethane	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
2-Butanone	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
1,1,1-Trichloroethane	5		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Carbon Tetrachloride	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Vinyl Acetate	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Bromodichloromethane	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
1,2-Dichloropropane	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
cis-1,3-Dichloropropene	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Trichloroethene	5		630	D	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Dibromochloromethane	5		31	U	11/19/91	180	D	11/19/91	1048117	D	11/27/91
1,1,2-Trichloroethane	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Benzene	5		61	D	11/19/91	3	J	11/19/91	1048117	DJ	11/27/91
trans-1,3-Dichloropropene	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Bromoform	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
4-Methyl-2-Pentanone	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
2-Hexanone	10		63	U	11/19/91	11	U	11/19/91	1048117	U	11/27/91
Tetrachloroethene	5		1600	DE	11/19/91	280	E	11/19/91	1048117	DE	11/27/91
1,1,2,2-Tetrachloroethane	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Toluene	5		1100	D	11/19/91	200	D	11/19/91	1048117	D	11/27/91
Chlorobenzene	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Ethylbenzene	5		230	D	11/19/91	89	D	11/19/91	1048117	D	11/27/91
Styrene	5		31	U	11/19/91	5	U	11/19/91	1048117	U	11/27/91
Total Xylenes	5		230	D	11/19/91	540	E	11/19/91	1048117	DE	11/27/91
=====											
Dilution Factor:			1.00			1.00			1.00		1.00
Percent Solids:			80			92			92		92
=====											
Associated Method Blank:			-			-			-		-
Associated Equipment Blank:			-			-			-		-
Associated Field Blank:			-			-			-		-
Associated Trip Blank:			-			-			-		-

TABLE 2

Table 2
Validation / Summary Table

Volatile Organic Soil Analysis (ug/kg)

ANALYTE	SOM-02/88	CRQL	JSB201004X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB202004X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB203002X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB204004X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB205002D LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB205002X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB206004X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JSB207004X LAB NUMBER: DATE SAMPLED: DATE ANALYZED:
Chloromethane	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Bromomethane	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Vinyl Chloride	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Chloroethane	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Methylene Chloride	5		5 J	5 J	4 J	5 J	7 J	5 U	10 J	4 J
Acetone	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Carbon Disulfide	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,2-Dichloroethene (total)	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Chloroform	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,2-Dichloroethane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
2-Butanone	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
1,1,1-Trichloroethane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Carbon Tetrachloride	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Vinyl Acetate	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Bromodichloromethane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,2-Dichloropropane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Trichloroethene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Dibromochloromethane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,1,2-Trichloroethane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Benzene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
trans-1,3-Dichloropropene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Bromoform	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
4-Methyl-2-Pentanone	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
2-Hexanone	10		11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Tetrachloroethene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Toluene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Chlorobenzene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Ethylbenzene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Styrene	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Total Xylenes	5		5 U	5 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:			92	90	92	81	86	91	80	92
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-
Associated Trip Blank:			-	-	-	-	-	-	-	-

TABLE 3

Table 3
Summary Table

ANALYTE	SOM-02/88	CRQL	JSB201004X LAB NUMBER: 1046201 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/26/91	JSB202004X LAB NUMBER: 1046204 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/25/91	JSB203002X LAB NUMBER: 1046202 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/25/91	JSB204004X LAB NUMBER: 1048101 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/25/91	JSB205002D LAB NUMBER: 1048105 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91	JSB205002X LAB NUMBER: 1048104 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91	JSB206004X LAB NUMBER: 1048107 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91	JSB207004X LAB NUMBER: 1048117 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91
Chloromethane	10		-	-	-	-	-	-	-	-
Bromomethane	10		-	-	-	-	-	-	-	-
Vinyl Chloride	10		-	-	-	-	-	-	-	-
Chloroethane	10		-	-	-	-	-	-	-	-
Methylene Chloride	5		-	-	7 J	-	-	-	-	-
Acetone	10		25	-	-	-	-	10 J	-	-
Carbon Disulfide	5		-	-	-	-	-	-	-	-
1,1-Dichloroethene	5		-	-	-	-	-	-	-	-
1,1-Dichloroethane	5		-	-	-	-	-	-	-	-
1,2-Dichloroethene (total)	5		-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-
1,2-Dichloroethane	5		-	-	-	-	-	-	-	-
2-Butanone	10		-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	5		-	-	-	-	-	-	-	-
Carbon Tetrachloride	5		-	-	-	-	-	-	-	-
Vinyl Acetate	10		-	-	-	-	-	-	-	-
Bromodichloromethane	5		-	-	-	-	-	-	-	-
1,2-Dichloropropane	5		-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	5		-	-	-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	78 J	-	-	-
Dibromochloromethane	5		-	-	-	-	-	-	630 D	180
1,1,2-Trichloroethane	5		-	-	-	-	-	-	-	-
Benzene	5		-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	5		-	-	-	-	-	-	74 J	-
Bromoform	5		-	-	-	-	-	-	-	-
4-Methyl-2-Pentanone	10		-	-	-	-	-	-	-	-
2-Hexanone	10		-	-	-	-	-	-	69 J	-
Tetrachloroethene	5		-	-	-	9	1200 DEJ	170	1600 DEJ	1600 DEJ
1,1,2,2-Tetrachloroethane	5		-	-	-	-	-	-	-	-
Toluene	5		-	-	-	-	170 J	-	1100 D	200
Chlorobenzene	5		-	-	-	-	-	-	-	-
Ethylbenzene	5		-	-	-	10	42 J	-	150 J	89
Styrene	5		-	-	-	-	-	-	-	-
Total Xylenes	5		-	-	-	79	210 J	-	230 D	-
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Percent Solids:			92	90	92	81	86	91	80	92
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-
Associated Trip Blank:			-	-	-	-	-	-	-	-

SEMIVOLATILE ORGANIC DATA

TABLE 1

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JSB201004X	JSB202000X	JSB203002X	JSB204004X	JSB205002D	JSB205002X	JSB206000X	JSB207002X
			LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:
			DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:
			DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:
			DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:
Phenol	330	U	1046201	1045542	1046202	1048101	1048105	1048104	1048106	1048114
bis(2-Chloroethyl)ether	330	U	11/19/91	11/17/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91
2-Chlorophenol	330	U	11/22/91	11/21/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91
1,3-Dichlorobenzene	330	U	12/12/91	12/18/91	12/12/91	12/16/91	12/19/91	12/19/91	12/20/91	12/20/91
1,4-Dichlorobenzene	330	U								
Benzyl Alcohol	330	U								
1,2-Dichlorobenzene	330	U								
2-Methylphenol	330	U								
bis(2-Chloroisopropyl)ether	330	U								
4-Methylphenol	330	U								
N-Nitroso-di-n-propylamine	330	U								
Hexachloroethane	330	U								
Nitrobenzene	330	U								
Isophorone	330	U								
2-Nitrophenol	330	U								
2,4-Dimethylphenol	330	U								
Benzoic Acid	1600	U								
bis(2-Chloroethoxy)methane	330	U								
2,4-Dichlorophenol	330	U								
1,2,4-Trichlorobenzene	330	U								
Naphthalene	330	U								
4-Chloroaniline	330	U								
Hexachlorobutadiene	330	U								
4-Chloro-3-Methylphenol	330	U								
2-Methylnaphthalene	330	U								
Hexachlorocyclopentadiene	330	U								
2,4,6-Trichlorophenol	330	U								
2,4,5-Trichlorophenol	1600	U								
2-Chloronaphthalene	330	U								
2-Nitroaniline	1600	U								
Dimethylphthalate	330	U								
Acenaphthylene	330	U								
2,6-Dinitrotoluene	330	U								

Table 1
Laboratory Report of Analysis

ANALYTE	SO#-02/88	CRQL	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB201004X 1046201 11/19/91 11/22/91 12/12/91	JSB202000X 1045542 11/17/91 11/21/91 12/18/91	JSB203002X 1046202 11/19/91 11/22/91 12/12/91	JSB204004X 1048101 11/19/91 11/22/91 12/16/91	JSB205002D 1048105 11/19/91 11/22/91 12/19/91	JSB205002X 1048104 11/19/91 11/22/91 12/19/91	JSB206000X 1048106 11/19/91 11/22/91 12/20/91	JSB207002X 1048114 11/19/91 11/22/91 12/20/91
3-Nitroaniline	1600			1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	2000 U	2600 U
Acenaphthene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2,4-Dinitrophenol	1600			1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
4-Nitrophenol	1600			1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
Dibenzofuran	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2,4-Dinitrotoluene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Diethylphthalate	330			100 J	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
4-Chlorophenyl-phenylether	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Fluorene	330			18 J	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
4-Nitroaniline	1600			1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
4,6-Dinitro-2-methylphenol	1600			1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
N-Nitrosodiphenylamine	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
4-Bromophenyl-phenylether	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Hexachlorobenzene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Pentachlorophenol	1600			1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
Phenanthrene	330			88 J	730 U	360 U	82 J	1300 J	1700 U	20000 U	1000 U
Anthracene	330			6 J	730 U	360 U	8 J	93 J	190 J	20000 U	1000 U
DI-n-butylphthalate	330			81 J	240 J	49 J	410 U	170 J	170 J	140 J	91 J
Fluoranthene	330			28 J	730 U	360 U	410 U	230 J	170 J	510 J	110 J
Pyrene	330			67 J	730 U	360 U	410 U	570 J	79 J	250 J	530 U
Butylbenzylphthalate	330			360 U	730 U	360 U	410 U	1500 U	550 J	980 J	370 J
3,3'-Dichlorobenzidine	660			720 U	1500 U	720 U	820 U	3100 U	1500 U	750 J	530 U
Benzo(a)Anthracene	330			360 U	730 U	360 U	410 U	1500 U	2900 U	8100 U	1100 U
Chrysene	330			39 J	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
bis(2-Ethylhexyl)phthalate	330			94 J	65 J	71 J	1300 B	1500 U	390 J	360 J	140 J
Di-n-octylphthalate	330			360 U	730 U	360 U	410 U	1500 U	2900 B	2100 B	1800 B
Benzo(b)Fluoranthene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Benzo(k)Fluoranthene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Benzo(a)Pyrene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Indeno(1,2,3-c,d)Pyrene	330			360 U	730 U	360 U	410 U	1500 U	170 J	4000 U	530 U
Dibenz(a,h)Anthracene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Benzo(g,h,i)perylene	330			360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Dilution Factor:				1.00	2.00	1.00	1.00	4.00	4.00	10.0	1.50
Percent Solids:				92	90	92	80	88	91	82	93
Associated Method Blank:				-	-	-	-	-	-	-	-
Associated Equipment Blank:				-	-	-	-	-	-	-	-
Associated Field Blank:				-	-	-	-	-	-	-	-

TABLE 2

Table 2
Validation / Summary Table

ANALYTE	SOH-02/88	CRQL	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB20100AX 1046201 11/19/91 11/22/91 12/12/91	JSB202000X 1045542 11/17/91 11/21/91 12/18/91	JSB203002X 1046202 11/19/91 11/22/91 12/12/91	JSB204004X 1048101 11/19/91 11/22/91 12/16/91	JSB205002D 1048105 11/19/91 11/22/91 12/19/91	JSB205002X 1048104 11/19/91 11/22/91 12/19/91	JSB206000X 1048106 11/19/91 11/22/91 12/20/91	JSB207002X 1048114 11/19/91 11/22/91 12/20/91
Phenol	330	U	360	730	360	410	1500	1500	1500	4000	530
bis(2-Chloroethyl)ether	330	U	360	730	360	410	1500	1500	1500	4000	530
2-Chlorophenol	330	U	360	730	360	410	1500	1500	1500	4000	530
1,3-Dichlorobenzene	330	U	360	730	360	410	1500	1500	1500	4000	530
1,4-Dichlorobenzene	330	U	360	730	360	410	1500	1500	1500	4000	530
Benzyl Alcohol	330	U	360	730	360	410	1500	1500	1500	4000	530
1,2-Dichlorobenzene	330	U	360	730	360	410	1500	1500	1500	4000	530
2-Methylphenol	330	U	360	730	360	410	1500	1500	1500	4000	530
bis(2-Chloroisopropyl)ether	330	U	360	730	360	410	1500	1500	1500	4000	530
4-Methylphenol	330	U	360	730	360	410	1500	1500	1500	4000	530
N-Nitroso-di-n-propylamine	330	U	360	730	360	410	1500	1500	1500	4000	530
Hexachloroethane	330	U	360	730	360	410	1500	1500	1500	4000	530
Nitrobenzene	330	U	360	730	360	410	1500	1500	1500	4000	530
Isophorone	330	U	360	730	360	410	1500	1500	1500	4000	530
2-Nitrophenol	330	U	360	730	360	410	1500	1500	1500	4000	530
2,4-Dimethylphenol	330	U	360	730	360	410	1500	1500	1500	4000	530
Benzoic Acid	1600	U	1700	3600	1700	2000	1500	1500	1500	4000	530
bis(2-Chloroethoxy)methane	330	U	360	730	360	410	1500	1500	1500	4000	530
2,4-Dichlorophenol	330	U	360	730	360	410	1500	1500	1500	4000	530
1,2,4-Trichlorobenzene	330	U	360	730	360	410	1500	1500	1500	4000	530
Naphthalene	330	U	360	730	360	190	1500	1500	1500	4000	530
4-Chloroaniline	330	U	360	730	360	410	1500	1500	1500	4000	530
Hexachlorobutadiene	330	U	360	730	360	410	1500	1500	1500	4000	530
4-Chloro-3-Methylphenol	330	U	360	730	360	410	1500	1500	1500	4000	530
2-Methylnaphthalene	330	U	360	730	360	410	1500	1500	1500	4000	530
Hexachlorocyclopentadiene	330	U	360	730	360	360	1500	1500	1500	4000	530
2,4,6-Trichlorophenol	330	U	360	730	360	410	1500	1500	1500	4000	530
2,4,5-Trichlorophenol	1600	U	1700	3600	1700	2000	1500	1500	1500	4000	530
2-Chloronaphthalene	330	U	360	730	360	410	1500	1500	1500	4000	530
2-Nitroaniline	1600	U	1700	3600	1700	2000	1500	1500	1500	4000	530
Dimethylphthalate	330	U	360	730	360	410	1500	1500	1500	4000	530
Acenaphthylene	330	U	360	730	360	410	1500	1500	1500	4000	530
2,6-Dinitrotoluene	330	U	360	730	360	410	1500	1500	1500	4000	530

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JSB201004X	JSB202000X	JSB203002X	JSB204004X	JSB205002D	JSB205002X	JSB206000X	JSB207002X
			LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:
			DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:
			DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:
3-Nitroaniline	1600	1600	1046201	1045542	1046202	1048101	1048105	1048104	1048106	1048114
Acenaphthene	330	330	11/19/91	11/17/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91
2,4-Dinitrophenol	1600	1600	11/22/91	11/21/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91
4-Nitrophenol	1600	1600	12/12/91	12/18/91	12/12/91	12/16/91	12/19/91	12/19/91	12/20/91	12/20/91
Dibenzofuran	330	330								
2,4-Dinitrotoluene	330	330								
Diethylphthalate	330	330								
4-Chlorophenyl-phenylether	330	330								
Fluorene	18	18								
4-Nitroaniline	1600	1600								
4,6-Dinitro-2-methylphenol	1600	1600								
N-Nitrosodiphenylamine	330	330								
4-Bromophenyl-phenylether	330	330								
Hexachlorobenzene	330	330								
Pentachlorophenol	1600	1600								
Phenanthrene	330	330								
Anthracene	330	330								
Di-n-butylphthalate	330	330								
Fluoranthene	330	330								
Pyrene	330	330								
Butylbenzylphthalate	330	330								
3,3'-Dichlorobenzidine	660	660								
Benzo(a)Anthracene	330	330								
Chrysene	330	330								
bis(2-Ethylhexyl)phthalate	330	330								
Di-n-octylphthalate	330	330								
Benzo(b)Fluoranthene	330	330								
Benzo(k)Fluoranthene	330	330								
Benzo(a)Pyrene	330	330								
Indeno(1,2,3-c,d)Pyrene	330	330								
Dibenz(a,h)Anthracene	330	330								
Benzo(g,h,i)perylene	330	330								

U	U	U	U	U	U	U	U	U	U	U
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410	410	1500	1500	4000	530
3600	3600	1700	1700	3600	2000	2000	7400	7000	20000	2600
730	730	360	360	730	410					

TABLE 3

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	SAMPLE LOCATION:			SAMPLE LOCATION:			SAMPLE LOCATION:			SAMPLE LOCATION:					
			LAB NUMBER:	DATE SAMPLED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE ANALYZED:			
3-Nitroaniline	1600		JSB201004X	1046201	11/19/91	JSB205002D	1048105	11/19/91	JSB205002X	1048104	11/19/91	JSB206000X	1048106	11/19/91	JSB207002X	1048114	11/19/91
Acenaphthene	330																
2,4-Dinitrophenol	1600																
4-Nitrophenol	1600																
Dibenzofuran	330																
2,4-Dinitrotoluene	330																
Diethylphthalate	330																
4-Chlorophenyl-phenylether	330																
Fluorene	330																
4-Nitroaniline	1600																
4,6-Dinitro-2-methylphenol	1600																
N-Nitrosodiphenylamine	330																
4-Bromophenyl-phenylether	330																
Hexachlorobenzene	330																
Pentachlorophenol	1600																
Phenanthrene	330																
Anthracene	330																
Di-n-butylphthalate	330																
Fluoranthene	330																
Pyrene	330																
Butylbenzylphthalate	330																
3,3'-Dichlorobenzidine	660																
Benzo(a)Anthracene	330																
Chrysene	330																
bis(2-Ethylhexyl)phthalate	330																
Di-n-octylphthalate	330																
Benzo(b)Fluoranthene	330																
Benzo(k)Fluoranthene	330																
Benzo(a)Pyrene	330																
Indeno(1,2,3-c,d)Pyrene	330																
Dibenz(a,h)Anthracene	330																
Benzo(g,h,i)perylene	330																
Dilution Factor:			1.00			1.00			1.00			1.00					
Percent Solids:			92			92			80			82					
Associated Method Blank:			-			-			-			-					
Associated Equipment Blank:			-			-			-			-					
Associated Field Blank:			-			-			-			-					

PESTICIDE AND POLYCHLORINATED BIPHENYL DATA

TABLE 1

Pesticides/PCBs Soil Analysis (ug/kg)

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	SAMPLE LOCATION:	JSB201000X	JSB2010004X	JSB2030000X	JSB2040000X	JSB2050002X	JSB2060004X	JSB2070000
			LAB NUMBER:	1046203	1046204	1045543	1045539	1048104	1048107	1048113
			DATE SAMPLED:	11/19/91	11/19/91	11/17/91	11/17/91	11/19/91	11/19/91	11/19/91
			DATE EXTRACTED:	11/22/91	11/22/91	11/21/91	11/21/91	11/25/91	11/25/91	11/25/91
			DATE ANALYZED:	12/15/91	02/19/91	12/18/91	12/18/91	12/21/91	12/21/91	12/21/91
alpha-BHC	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
beta-BHC	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
delta-BHC	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
gamma-BHC (Lindane)	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
Heptachlor	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
Aldrin	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
Heptachlor Epoxide	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
Endosulfan I	8		46 U	26 U	8.9 U	46 U	97 U	35 U	60 U	47 U
Dieldrin	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
4,4'-DDE	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
Endrin	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
Endosulfan II	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
4,4'-DDD	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
Endosulfan Sulfate	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
4,4'-DDT	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
Methoxychlor	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Endrin Ketone	16		92 U	53 U	18 U	92 U	190 U	70 U	120 U	93 U
alpha-Chlordane	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
gamma-Chlordane	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Toxeprene	160		920 U	530 U	180 U	920 U	1900 U	700 U	1200 U	930 U
Aroclor-1016	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Aroclor-1221	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Aroclor-1232	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Aroclor-1242	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Aroclor-1248	80		460 U	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Aroclor-1254	160		920 U	530 U	180 U	920 U	1900 U	700 U	1200 U	930 U
Aroclor-1260	160		1800 U	530 U	180 U	1000 U	5500 U	1700 U	1600 U	3000 U
Dilution Factor:			5.00	3.00	1.00	5.00	8.00	4.00	3.00	5.00
Percent Solids:			87	91	90	87	66	91	80	86
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-

Pesticides/PCBs Soil Analysis (ug/kg)

PROJECT: North Lawrence

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSB207000X
 LAB NUMBER: 1048110
 DATE SAMPLED: 11/19/91
 DATE EXTRACTED: 11/25/91
 DATE ANALYZED: 12/21/91

ANALYTE	SOH-02/88	CRCL
alpha-BHC	8	74 U
beta-BHC	8	74 U
delta-BHC	8	74 U
gamma-BHC (Lindane)	8	74 U
Heptachlor	8	74 U
Aldrin	8	74 U
Heptachlor Epoxide	8	74 U
Endosulfan I	8	74 U
Dieldrin	16	150 U
4,4'-DDE	16	150 U
Endrin	16	150 U
Endosulfan II	16	150 U
4,4'-DDD	16	150 U
Endosulfan Sulfate	16	150 U
4,4'-DDT	16	150 U
Methoxychlor	80	740 U
Endrin Ketone	16	150 U
alpha-Chlordane	80	740 U
gamma-Chlordane	80	740 U
Toxaphene	160	1500 U
Aroclor-1016	80	740 U
Aroclor-1221	80	740 U
Aroclor-1232	80	740 U
Aroclor-1242	80	740 U
Aroclor-1248	80	6900 U
Aroclor-1254	160	1500 U
Aroclor-1260	160	5700 U
=====		
Dilution Factor:	5.00	
Percent Solids:	54	
=====		

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

TABLE 2

Table 2

Validation / Summary Table

ANALYTE	SON-02/88	CRQL	JSB201000X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB201006X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB202004X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB203000X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB204000X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB205002X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB206004X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSB207000D LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:
alpha-BHC	8		1045538	1046203	1046204	1045543	1045539	1048104	1048107	1048113
beta-BHC	8		11/17/91	11/19/91	11/19/91	11/17/91	11/17/91	11/19/91	11/19/91	11/19/91
delta-BHC	8		11/20/91	11/22/91	11/22/91	11/21/91	11/21/91	11/25/91	11/25/91	11/25/91
gamma-BHC (Lindane)	8		12/15/91	12/19/91	02/19/91	12/18/91	12/18/91	12/21/91	12/21/91	12/21/91
Heptachlor	8									
Aldrin	8									
Heptachlor Epoxide	8									
Endosulfan I	8									
Dieldrin	16									
4,4'-DDE	16									
Endrin	16									
Endosulfan II	16									
4,4'-DDD	16									
Endosulfan Sulfate	16									
4,4'-DDT	16									
Methoxychlor	80									
Endrin Ketone	16									
alpha-Chlorodane	80									
gamma-Chlorodane	80									
Toxaphene	160									
Aroclor-1016	80									
Aroclor-1221	80									
Aroclor-1232	80									
Aroclor-1242	80									
Aroclor-1248	80									
Aroclor-1254	160									
Aroclor-1260	160									
Dilution Factor:			5.00	3.00	1.00	5.00	8.00	4.00	3.00	5.00
Percent Solids:			87	91	90	87	66	91	80	86
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-

Pesticides/PCBs Soil Analysis (ug/kg)

Table 2
Validation / Summary Table

SAMPLE LOCATION: JSB207000X
 LAB NUMBER: 1048110
 DATE SAMPLED: 11/19/91
 DATE EXTRACTED: 11/25/91
 DATE ANALYZED: 12/21/91

ANALYTE	SPW-02/88	CRQL	
alpha-BHC	8	8	74 U
beta-BHC	8	8	74 U
delta-BHC	8	8	74 U
gamma-BHC (Lindane)	8	8	74 U
Heptachlor	8	8	74 U
Aldrin	8	8	74 U
Heptachlor Epoxide	8	8	74 U
Endosulfan I	8	8	74 U
Dieldrin	16	16	150 U
4,4'-DDE	16	16	150 U
Endrin	16	16	150 U
Endosulfan II	16	16	150 U
4,4'-DDD	16	16	150 U
Endosulfan Sulfate	16	16	150 U
4,4'-DDT	16	16	150 U
Methoxychlor	80	80	740 U
Endrin Ketone	16	16	150 U
alpha-Chlordane	80	80	740 U
gamma-Chlordane	80	80	740 U
Toxaphene	160	160	1500 U
Aroclor-1016	80	80	740 U
Aroclor-1221	80	80	740 U
Aroclor-1232	80	80	740 U
Aroclor-1242	80	80	740 U
Aroclor-1248	80	80	740 U
Aroclor-1254	160	160	6900 J
Aroclor-1260	160	160	1500 U
			5700 J
Dilution Factor:			5.00
Percent Solids:			54

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

TABLE 3

Pesticides/PCBs Soil Analysis (ug/kg)

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	JSB201000X	JSB201006X	JSB202000AX	JSB203000X	JSB204000X	JSB205002X	JSB206004X	JSB207000D
alpha-BHC	8		1045538	1046203	1046204	1045543	1045539	1048104	1048107	1048113
beta-BHC	8		11/17/91	11/19/91	11/19/91	11/17/91	11/17/91	11/19/91	11/19/91	11/19/91
delta-BHC	8		11/20/91	11/22/91	11/22/91	11/21/91	11/22/91	11/25/91	11/25/91	11/25/91
gamma-BHC (Lindane)	8		12/15/91	12/19/91	02/19/91	12/18/91	12/18/91	12/21/91	12/21/91	12/21/91
Heptachlor	8									
Aldrin	8									
Heptachlor Epoxide	8									
Endosulfan I	8									
Dieldrin	16									
4,4'-DDE	16									
Endrin	16									
Endosulfan II	16									
4,4'-DDD	16									
Endosulfan Sulfate	16									
4,4'-DDT	16									
Methoxychlor	80									
Endrin Ketone	16									
alpha-Chlordane	80									
gamma-Chlordane	80									
Toxaphene	160									
Aroclor-1016	80									
Aroclor-1221	80									
Aroclor-1232	80									
Aroclor-1242	80									
Aroclor-1248	80									
Aroclor-1254	80									
Aroclor-1260	160									
			2800				9700	3300	2500	4300
			1800			1000	5500	1700	1600	3000
Dilution Factor:	5.00		1.00	3.00	1.00	5.00	8.00	4.00	3.00	5.00
Percent Solids:	87		90	91	87	87	66	91	80	86

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

SAMPLE LOCATION: JSR207000X
 LAB NUMBER: 1048110
 DATE SAMPLED: 11/19/91
 DATE EXTRACTED: 11/25/91
 DATE ANALYZED: 12/21/91

ANALYTE	SOM-02/88	CRQL
alpha-BHC	8	-
beta-BHC	8	-
delta-BHC	8	-
gamma-BHC (Lindane)	8	-
Heptachlor	8	-
Aldrin	8	-
Heptachlor Epoxide	8	-
Endosulfan I	8	-
Dieldrin	16	-
4,4'-DDE	16	-
Endrin	16	-
Endosulfan II	16	-
4,4'-DDD	16	-
Endosulfan Sulfate	16	-
4,4'-DDT	16	-
Methoxychlor	80	-
Endrin Ketone	16	-
alpha-Chlordane	80	-
gamma-Chlordane	80	-
Toxaphene	160	-
Aroclor-1016	80	-
Aroclor-1221	80	-
Aroclor-1232	80	-
Aroclor-1242	80	-
Aroclor-1248	80	6900
Aroclor-1254	160	-
Aroclor-1260	160	5700
=====		
Dilution Factor:	5.00	-
Percent Solids:	54	-
=====		

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

TOTAL ORGANIC CARBON DATA

TABLE 1

TABLE 2

PROJECT: North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:
LAB NUMBER:
DATE SAMPLED:

ANALYTE

JSB201000X 10455038 11/17/91	JSB204000X 10455039 11/17/91	JSB209000X 10455040 11/17/91	JSB2040000 10455041 11/17/91
------------------------------------	------------------------------------	------------------------------------	------------------------------------

Total Organic Carbon (TOC)

78300	95900	147000	835000
-------	-------	--------	--------

Table 2
Validation/Summary Table

SAMPLE LOCATION:
LAB NUMBER:
DATE SAMPLED:

ANALYTE

Total Organic Carbon (TOC)

JSB201000X 10455038 11/17/91	JSB204000X 10455039 11/17/91	JSB209000X 10455040 11/17/91	JSB204000D 10455041 11/17/91
------------------------------------	------------------------------------	------------------------------------	------------------------------------

78300	95900	147000	835000 J
-------	-------	--------	----------

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 2
Validation/Summary Table

SAMPLE LOCATION: JSB203000X
LAB NUMBER: 10455043
DATE SAMPLED: 11/17/91

JSB210000X
10455045
11/17/91

JSB208000X
10455044
11/17/91

JSB201006X
N1046203
11/19/91

JSB202004X
N1046204
11/19/91

JSB205002X
N1048104
11/19/91

JSB206004X
N1048107
11/19/91

JSB207000X
N1048110
11/19/91

ANALYTE

Total Organic Carbon (TOC)

19450

98250

57500

32600

20600

54200

48400

139000

TABLE 3

Table 3
Summary Table

SAMPLE LOCATION:
LAB NUMBER:
DATE SAMPLED:

ANALYTE

Total Organic Carbon (TOC)

JSB201000X 10455038 11/17/91	JSB204000X 10455039 11/17/91	JSB209000X 10455040 11/17/91	JSB204000D 10455041 11/17/91
------------------------------------	------------------------------------	------------------------------------	------------------------------------

78300	95900	147000	835000 J
-------	-------	--------	----------

Table 3
Summary Table

SAMPLE LOCATION: JSB203000X
LAB NUMBER: 10455043
DATE SAMPLED: 11/17/91

JSB208000X
10455044
11/17/91

JSB210000X
10455045
11/17/91

JSB201006X
N1046203
11/19/91

JSB202004X
N1046204
11/19/91

JSB205002X
N1048104
11/19/91

JSB206004X
N1048107
11/19/91

JSB207000X
N1048110
11/19/91

ANALYTE

Total Organic Carbon (TOC)

19450

98250

57500

32600

20600

54200

48400

139000

SECOND PHASE SEDIMENTS

PESTICIDE AND POLYCHLORINATED BIPHENYL DATA
INORGANIC DATA
TOTAL LEAD DATA
TOTAL ORGANIC CARBON DATA
TOXICITY CHARACTERISTIC LEACHING PROCEDURE DATA

PESTICIDE AND POLYCHLORINATED BIPHENYL DATA

TABLE 1

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JSD206006X 1044516 11/15/91 11/20/91 12/15/91	JSD207012X 1044517 11/15/91 11/20/91 12/15/91	JSD208006X 1044515 11/15/91 11/20/91 12/15/91	JSD209012X 1044514 11/15/91 11/20/91 12/15/91	JSD210006X 1044512 11/15/91 11/20/91 12/15/91	JSD211012X 1044513 11/15/91 11/20/91 12/15/91	JSD212000X 1044101 11/14/91 11/20/91 12/24/91
alpha-BHC	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
beta-BHC	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
delta-BHC	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
gamma-BHC (Lindane)	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Heptachlor	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Aldrin	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Heptachlor Epoxide	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Endosulfan I	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Dieldrin	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
4,4'-DDE	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Endrin	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Endosulfan II	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
4,4'-DDD	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Endosulfan Sulfate	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
4,4'-DDT	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Methoxychlor	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Endrin Ketone	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
alpha-Chlordane	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
gamma-Chlordane	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Toxaphene	160		4200 U	730 U	4400 U	2800 U	1500 U	240 U	2700 U
Aroclor-1016	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1221	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1232	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1242	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1248	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1254	160		4200 U	730 U	4400 U	2800 U	1500 U	240 U	2700 U
Aroclor-1260	160		10000	740	7300	3600	1500 U	240 U	5900
Dilution Factor:			5.00	4.00	5.00	3.00	1.00	1.00	4.00
Percent Solids:			19	88	18	17	11	66	76

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 1
Laboratory Report of Analysis

Pesticides/PCBs Soil Analysis (ug/kg)

ANALYTE	SOW-02/88	CRQL	JSD213000X	JSD214000X	JSD215000X	JSD216000X	JSD217000X	JSD218000X	JSD219000X	JSD220000X
alpha-BHC	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
beta-BHC	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
delta-BHC	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
gamma-BHC (Lindane)	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
Heptachlor	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
Aldrin	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
Heptachlor Epoxide	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
Endosulfan I	8		55 U	31 U	31 U	70 U	13 U	13 U	12 U	13 U
Dieldrin	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
4,4'-DDE	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
Endrin	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
Endosulfan II	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
4,4'-DDD	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
Endosulfan Sulfate	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
4,4'-DDT	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
Methoxychlor	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
Endrin Ketone	16		110 U	63 U	62 U	140 U	26 U	26 U	24 U	25 U
alpha-Chlordane	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
gamma-Chlordane	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
Toxaphene	160		1100 U	630 U	620 U	1400 U	260 U	260 U	240 U	250 U
Aroclor-1016	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1221	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1232	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1242	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1248	80		550 U	310 U	310 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1254	160		1100 U	630 U	620 U	1400 U	260 U	260 U	240 U	250 U
Aroclor-1260	160		560 J	160 J	620 J	470 J	260 U	260 U	240 U	250 U
Dilution Factor:			2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00
Percent Solids:			71	49	48	77	62	62	68	63
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JSD221000X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSD222000X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSD223000D LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSD223000X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSD224000X LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:
alpha-BHC	8		17 U	14 U	24 U	24 U	38 U
beta-BHC	8		17 U	14 U	24 U	24 U	38 U
delta-BHC	8		17 U	14 U	24 U	24 U	38 U
gamma-BHC (Lindane)	8		17 U	14 U	24 U	24 U	38 U
Heptachlor	8		17 U	14 U	24 U	24 U	38 U
Aldrin	8		17 U	14 U	24 U	24 U	38 U
Heptachlor Epoxide	8		17 U	14 U	24 U	24 U	38 U
Endosulfan I	16		34 U	28 U	48 U	47 U	76 U
Dieldrin	16		34 U	28 U	48 U	47 U	76 U
4,4'-DDE	16		34 U	28 U	48 U	47 U	76 U
Endrin	16		34 U	28 U	48 U	47 U	76 U
Endosulfan II	16		34 U	28 U	48 U	47 U	76 U
4,4'-DDD	16		34 U	28 U	48 U	47 U	76 U
Endosulfan Sulfate	16		34 U	28 U	48 U	47 U	76 U
4,4'-DDT	16		34 U	28 U	48 U	47 U	76 U
Methoxychlor	80		170 U	140 U	240 U	240 U	380 U
Endrin Ketone	16		34 U	28 U	48 U	47 U	76 U
alpha-Chlordane	80		170 U	140 U	240 U	240 U	380 U
gamma-Chlordane	80		170 U	140 U	240 U	240 U	380 U
Toxaphene	160		340 U	280 U	480 U	470 U	760 U
Aroclor-1016	80		170 U	140 U	240 U	240 U	380 U
Aroclor-1221	80		170 U	140 U	240 U	240 U	380 U
Aroclor-1232	80		170 U	140 U	240 U	240 U	380 U
Aroclor-1242	80		170 U	140 U	240 U	240 U	380 U
Aroclor-1248	80		170 U	140 U	240 U	240 U	380 U
Aroclor-1254	160		340 U	280 U	480 U	470 U	760 U
Aroclor-1260	160		340 U	280 U	480 U	470 U	760 U
Dilution Factor:			1.00	1.00	1.00	1.00	2.00
Percent Solids:			47	58	33	34	42

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

TABLE 2

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X	JSD211012X	JSD212000X
alpha-BHC	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
beta-BHC	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
delta-BHC	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
gamma-BHC (Lindane)	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Heptachlor	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Aldrin	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Heptachlor Epoxide	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Endosulfan I	8		210 U	36 U	220 U	140 U	73 U	12 U	130 U
Dieldrin	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
4,4'-DDE	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Endrin	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Endosulfan II	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
4,4'-DDD	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Endosulfan Sulfate	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
4,4'-DDT	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
Methoxychlor	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Endrin Ketone	16		420 U	73 U	440 U	280 U	150 U	24 U	270 U
alpha-Chlordane	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
gamma-Chlordane	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Toxaphene	160		4200 U	730 U	4400 U	2800 U	1500 U	240 U	2700 U
Aroclor-1016	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1221	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1232	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1242	80		7000 U	820 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1248	80		2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1254	160		4200 U	730 U	4400 U	2800 U	1500 U	240 U	2700 U
Aroclor-1260	160		10000 U	740 U	7300 U	3600 U	1500 U	240 U	7300 U
Dilution Factor:			5.00	4.00	5.00	3.00	1.00	1.00	4.00
Percent Solids:			19	88	18	17	11	66	76
Associated Method Blank:			-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-

Pesticides/PCBs Soil Analysis (ug/kg)

Table 2
Validation / Summary Table

ANALYTE	SOM-02/88	CRQL	JSD213000X 1044102 11/14/91 11/20/91 12/24/91	JSD214000X 1044103 11/14/91 11/20/91 12/24/91	JSD215000X 1044104 11/14/91 11/20/91 12/24/91	JSD216000X 1044105 11/14/91 11/20/91 12/24/91	JSD217000X 1044501 11/14/91 11/20/91 12/15/91	JSD218000X 1044502 11/14/91 11/20/91 12/15/91	JSD219000X 1044505 11/14/91 11/20/91 12/15/91	JSD220000X 1044506 11/14/91 11/20/91 12/15/91
alpha-BHC	8		55 U	31 U	62 U	70 U	13 U	13 U	12 U	13 U
beta-BHC	8		55 U	31 U	62 U	70 U	13 U	13 U	12 U	13 U
delta-BHC	8		55 U	31 U	62 U	70 U	13 U	13 U	12 U	13 U
gamma-BHC (Lindane)	8		55 U	31 U	62 U	70 U	13 U	13 U	12 U	13 U
Heptachlor	8		55 U	31 U	62 U	70 U	13 U	13 U	12 U	13 U
Aldrin	8		55 U	31 U	62 U	70 U	13 U	13 U	12 U	13 U
Heptachlor Epoxide	8		55 U	31 U	62 U	70 U	13 U	13 U	12 U	13 U
Endosulfan I	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
Dieldrin	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
4,4'-DDE	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
Endrin	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
Endosulfan II	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
4,4'-DDD	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
Endosulfan Sulfate	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
4,4'-DDT	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
Methoxychlor	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
Endrin ketone	16		110 U	63 U	140 U	140 U	26 U	26 U	24 U	25 U
alpha-Chlordane	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
gamma-Chlordane	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
Toxaphene	160		1100 U	630 U	1400 U	1400 U	260 U	260 U	240 U	250 U
Aroclor-1016	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1221	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1232	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1242	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1248	80		550 U	310 U	700 U	700 U	130 U	130 U	120 U	130 U
Aroclor-1254	160		1100 U	620 U	1400 U	1400 U	260 U	260 U	240 U	250 U
Aroclor-1260	160		560 J	160 J	470 J	470 J	260 U	260 U	240 U	250 U
Dilution Factor:			2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00
Percent Solids:			71	49	48	77	62	62	68	63
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JSD221000X LAB NUMBER: 1044507	JSD222000X LAB NUMBER: 1044508	JSD223000D LAB NUMBER: 1044522	JSD223000X LAB NUMBER: 1044511	JSD224000X LAB NUMBER: 1044518
alpha-BHC	17	8	U	14	U	24	U
beta-BHC	17	8	U	14	U	24	U
delta-BHC	17	8	U	14	U	24	U
gamma-BHC (Lindane)	17	8	U	14	U	24	U
Heptachlor	17	8	U	14	U	24	U
Aldrin	17	8	U	14	U	24	U
Heptachlor Epoxide	17	8	U	14	U	24	U
Endosulfan I	17	8	U	14	U	24	U
Dieldrin	16	16	U	24	U	24	U
4,4'-DDE	34	16	U	24	U	24	U
Endrin	34	16	U	24	U	24	U
Endosulfan II	34	16	U	24	U	24	U
4,4'-DDD	34	16	U	24	U	24	U
Endosulfan Sulfate	34	16	U	24	U	24	U
4,4'-DDT	34	16	U	24	U	24	U
Methoxychlor	80	80	U	240	U	240	U
Endrin Ketone	16	16	U	48	U	48	U
alpha-Chlordane	80	80	U	240	U	240	U
gamma-Chlordane	80	80	U	240	U	240	U
Toxaphene	160	160	U	480	U	480	U
Aroclor-1016	80	80	U	240	U	240	U
Aroclor-1221	80	80	U	240	U	240	U
Aroclor-1232	80	80	U	240	U	240	U
Aroclor-1242	80	80	U	240	U	240	U
Aroclor-1248	80	80	U	240	U	240	U
Aroclor-1254	160	160	U	480	U	480	U
Aroclor-1260	160	160	U	480	U	480	U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00
Percent Solids:			47	58	33	34	42

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

TABLE 3

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSD213000X 1044102 11/14/91 11/20/91 12/24/91	JSD214000X 1044103 11/14/91 11/20/91 12/24/91	JSD215000X 1044104 11/14/91 11/20/91 12/24/91	JSD216000X 1044105 11/14/91 11/20/91 12/24/91	JSD217000X 1044501 11/14/91 11/20/91 12/15/91	JSD218000X 1044502 11/14/91 11/20/91 12/15/91	JSD219000X 1044505 11/14/91 11/20/91 12/15/91	JSD220000X 1044506 11/14/91 11/20/91 12/15/91
alpha-BHC	8										
beta-BHC	8										
delta-BHC	8										
gamma-BHC (Lindane)	8										
Heptachlor	8										
Aldrin	8										
Heptachlor Epoxide	8										
Endosulfan I	8										
Dieldrin	16										
4,4'-DDE	16										
Endrin	16										
Endosulfan II	16										
4,4'-DDD	16										
Endosulfan Sulfate	16										
4,4'-DDT	16										
Methoxychlor	80										
Endrin Ketone	16										
alpha-Chlordane	80										
gamma-Chlordane	80										
Toxaphene	160										
Aroclor-1016	80										
Aroclor-1221	80										
Aroclor-1232	80										
Aroclor-1242	80										
Aroclor-1248	80										
Aroclor-1254	160										
Aroclor-1260	160										
Dilution Factor:			2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00
Percent Solids:			71	49	48	77	62	62	68	63	63
Associated Method Blank:			-	-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-	-

Pesticides/PCBs Soil Analysis (ug/kg)

Table 3
Summary Table

ANALYTE	SOM-02/88	CRCL	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JSD221000X 1044507 11/14/91 11/20/91 12/15/91	JSD222000X 1044508 11/15/91 11/20/91 12/15/91	JSD223000D 1044522 11/15/91 11/20/91 12/16/91	JSD223000X 1044511 11/15/91 11/20/91 12/15/91	JSD224000X 1044518 11/15/91 11/20/91 12/15/91
alpha-BHC	8	-						
beta-BHC	8	-						
delta-BHC	8	-						
gamma-BHC (Lindane)	8	-						
Heptachlor	8	-						
Aldrin	8	-						
Heptachlor Epoxide	8	-						
Endosulfan I	16	-						
Dieldrin	16	-						
4,4'-DDE	16	-						
Endrin	16	-						
Endosulfan II	16	-						
4,4'-DDD	16	-						
Endosulfan Sulfate	16	-						
4,4'-DDT	16	-						
Methoxychlor	80	-						
Endrin Ketone	16	-						
alpha-Chlordane	80	-						
gamma-Chlordane	80	-						
Toxaphene	160	-						
Aroclor-1016	80	-						
Aroclor-1221	80	-						
Aroclor-1232	80	-						
Aroclor-1242	80	-						
Aroclor-1248	80	-						
Aroclor-1254	160	-						
Aroclor-1260	160	-						
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	2.00
Percent Solids:			47	58	33	34	42	

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

INORGANIC DATA

TABLE 1

Table 1
Laboratory Report of Analysis

ANALYTE	SOM-07/88	CRQL	JSD201000X 144106 11/14/91	JSD202000X 144107 11/14/91	JSD203000X 144108 11/14/91	JSD2060006X 144516 11/15/91	JSD207012X 144517 11/15/91	JSD2080006X 144515 11/15/91	JSD209012X 144514 11/15/91	JSD2100006X 144512 11/15/91
Aluminum	40		9880	17900	6230	6590	2340	1140	4850	1970
Antimony	12		9.6	21.8	10.1	23.4	5.0	24.6	25.6	38.6
Arsenic	2		2.6	6.2	2.3	5.3	1.1	5.6	5.8	8.8
Barium	40		136	278	122	3180	141	954	780	552
Beryllium	1		0.74	1.7	0.78	1.8	0.39	1.9	2.0	3.0
Cadmium	1		1.5	3.5	1.6	3.7	0.79	3.9	4.1	6.1
Calcium	1000		6150	22300	5840	23900	1310	20300	35200	20300
Chromium	2		10.0	15.0	9.0	21.2	2.5	5.7	5.9	8.9
Cobalt	10		3.7	8.3	3.9	8.9	1.9	9.4	9.8	14.7
Copper	5		0.87	2.0	0.92	73.2	0.45	16.7	40.6	3.5
Iron	20		7730	7620	6920	4780	4180	1740	2660	2430
Magnesium	0.6		18.3	30.2	16.5	6400	92.1	1470	550	477
Manganese	1000		2070	2730	1230	2970	754	2300	4010	2210
Mercury	3		148	296	150	328	36.7	95.9	183	79.9
Nickel	0.1		0.22	0.50	0.23	0.85	0.14	0.76	1.2	1.9
Potassium	8		9.5	21.7	10.0	23.3	5.0	24.5	25.5	38.4
Selenium	1000		420	955	442	1030	219	1080	1120	1690
Silver	1		2.2	5.0	2.3	5.3	1.1	5.6	5.8	8.8
Sodium	2		2.0	4.6	2.1	4.9	1.0	5.1	5.3	8.1
Thallium	1000		610	1390	642	1490	318	1560	1630	2450
Vanadium	2		2.2	5.0	2.3	5.3	1.1	5.6	5.8	8.8
Zinc	10		17.5	24.1	12.0	17.9	6.4	7.4	18.1	11.6
Cyanide	4		39.4	72.6	32.3	479	10.8	406	111	123
	1		1.1	2.4	1.1	2.4	0.41	2.2	2.1	3.9
			46	20	44	19	88	18	17	11
Percent Solids:										
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSD211012X JSD215000X JSD217000X JSD218000X JSD219000X JSD220000D JSD220000X
 LAB NUMBER: 144513 144104 144501 144502 144505 144521 144506
 DATE SAMPLED: 11/15/91 11/14/91 11/14/91 11/14/91 11/14/91 11/14/91 11/14/91

ANALYTE	SOM-07/88	CRQL	52	66	62	68	63	
Aluminum	40		7810	4010	552	804	5810	9740
Antimony	12		8.5	19.0	7.1	7.1	9.4	21.6
Arsenic	2		2.0	4.3	1.6	1.6	4.9	5.6
Barium	40		231	332	187	90.7	71.9	105
Beryllium	1		0.66	1.5	0.55	0.79	0.50	0.78
Cadmium	1		1.4	3.0	1.1	1.1	1.0	1.1
Calcium	1000		9700	29300	5970	5670	4040	5180
Chromium	2		6.8	4.4	1.6	1.9	8.4	14.1
Cobalt	10		3.3	7.2	2.7	2.7	4.1	6.3
Copper	5		0.78	1.7	27.5	17.9	0.59	0.63
Iron	20		4000	4910	800	1440	9390	14000
Lead	0.6		149	396	416	119	73.0	21.3
Magnesium	1000		1790	3440	716	675	1030	1750
Manganese	3		49.1	110	31.8	35.1	336	273
Mercury	0.1		0.19	0.41	0.16	1.3	1.0	0.85
Nickel	8		8.6	18.9	7.0	7.0	10.8	7.0
Potassium	1000		375	832	310	310	383	735
Selenium	1		1.9	4.3	1.6	1.6	1.6	1.6
Silver	2		1.8	4.0	1.5	1.5	1.5	1.5
Sodium	1000		427	1210	450	491	415	447
Thallium	2		1.9	4.3	1.6	1.6	1.5	1.6
Vanadium	10		12.1	14.7	4.3	6.4	14.2	24.2
Zinc	4		42.9	122	48.3	57.5	19.4	24.1
Cyanide	1		0.92	2.1	0.80	0.63	0.72	31.2
Percent Solids:			52	23	62	62	68	63

Associated Method Blank:
 Associated Equipment Blank:
 Associated Field Blank:

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSD221000X JSD222000X JSD223000X JSD224000X
 LAB NUMBER: 144507 144508 144511 144518
 DATE SAMPLED: 11/14/91 11/15/91 11/15/91 11/15/91

ANALYTE	SOM-07/88	CRQL
Aluminum	40	
Antimony	12	
Arsenic	2	
Barium	40	
Beryllium	1	
Cadmium	1	
Calcium	1000	
Chromium	2	
Cobalt	10	
Copper	5	
Iron	20	
Lead	0.6	
Magnesium	1000	
Manganese	3	
Mercury	0.1	
Nickel	8	
Potassium	1000	
Selenium	1	
Silver	2	
Sodium	1000	
Thallium	2	
Vanadium	10	
Zinc	4	
Cyanide	1	

Percent Solids:	47	58

Associated Method Blank:	-	-
Associated Equipment Blank:	-	-
Associated Field Blank:	-	-

	47	58
	34	42

TABLE 2

Table 2
Validation / Summary Table

ANALYTE	SOH-07/88	CRQL	JSD201000X LAB NUMBER: DATE SAMPLED:	JSD202000X LAB NUMBER: DATE SAMPLED:	JSD203000X LAB NUMBER: DATE SAMPLED:	JSD206006X LAB NUMBER: DATE SAMPLED:	JSD207012X LAB NUMBER: DATE SAMPLED:	JSD208006X LAB NUMBER: DATE SAMPLED:	JSD209012X LAB NUMBER: DATE SAMPLED:	JSD210006X LAB NUMBER: DATE SAMPLED:
Aluminum	40		9880	17900	6230	6590	2340	1140	4850	1970
Antimony	12		9.6	21.8	10.1	23.4	5.0	24.6	25.6	38.6
Arsenic	2		2.6	6.2	2.3	5.3	1.1	5.6	5.8	8.8
Barium	40		136	278	122	3180	141	954	780	552
Beryllium	1		0.74	1.7	0.78	1.8	0.39	1.9	2.0	3.0
Cadmium	1		1.5	3.5	1.6	3.7	0.79	3.9	4.1	6.1
Calcium	1000		6150	22300	5840	23900	1310	20300	35200	20300
Chromium	2		10.0	15.0	9.0	21.2	2.5	5.7	5.9	8.9
Cobalt	10		3.7	8.3	3.9	8.9	1.9	9.4	9.8	14.7
Copper	5		0.87	2.0	0.92	73.2	0.45	16.7	40.6	3.5
Iron	20		7730	7620	6920	4780	4180	1740	2660	2430
Lead	0.6		18.3	30.2	16.5	6400	92.1	1470	550	477
Magnesium	1000		2070	2730	1230	2970	754	2300	4010	2210
Manganese	3		148	296	150	328	36.7	95.9	183	79.9
Mercury	0.1		0.22	0.50	0.23	0.85	0.14	0.76	1.2	1.9
Nickel	8		9.5	21.7	10.0	23.3	5.0	24.5	25.5	38.4
Potassium	1000		420	955	442	1030	219	1080	1120	1690
Selenium	1		2.2	5.0	2.3	5.3	1.1	5.6	5.8	8.8
Silver	2		2.0	4.6	2.1	4.9	1.0	5.1	5.3	8.1
Sodium	1000		610	1390	642	1490	318	1560	1630	2450
Thallium	2		2.2	5.0	2.3	5.3	1.1	5.6	5.8	8.8
Tantalum	10		17.5	24.1	12.0	17.9	6.4	7.4	18.1	11.6
Vanadium	4		39.4	72.6	32.3	479	10.8	406	111	123
Zinc	4		1.1	2.4	1.1	2.4	0.41	2.2	2.1	3.9
Cyanide	1		1.1	2.4	1.1	2.4	0.41	2.2	2.1	3.9
Percent Solids:			46	20	44	19	88	18	17	11
Associated Method Blank:			-	-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-	-

Table 2
Validation / Summary Table

ANALYTE	SOW-07/88	CRQL	JSD215000X 144104 11/14/91	JSD216000X 144105 11/14/91	JSD217000X 144501 11/14/91	JSD218000X 144502 11/14/91	JSD219000X 144505 11/14/91	JSD220000D 144521 11/14/91	JSD220000X 144506 11/14/91
Aluminum	40		7810	4010	552	804	5810	9730	9740
Antimony	12		8.5	19.0	7.1	7.1	9.4	6.9	21.6
Arsenic	2		2.0	4.3	1.6	1.6	4.9	4.7	5.6
Barium	40		231	332	187	90.7	71.9	94.3	105
Beryllium	1		0.66	1.5	0.55	0.79	0.50	0.62	0.78
Cadmium	1		1.4	3.0	1.1	1.1	1.0	1.1	1.1
Calcium	1000		9700	29300	5970	5670	4040	4150	5180
Chromium	2		6.8	4.4	1.6	1.9	8.4	13.5	14.1
Cobalt	10		3.3	7.2	2.7	2.7	3.6	4.1	6.3
Copper	5		0.61	1.7	27.5	17.9	0.59	0.63	0.64
Iron	20		4000	4910	800	1440	9390	14400	14000
Lead	0.6		149	396	416	119	14.6	32.7	21.3
Magnesium	1000		1790	3440	716	675	1030	1730	1750
Manganese	3		49.1	110	31.8	35.1	336	267	273
Mercury	0.1		0.19	0.41	0.16	1.3	1.0	0.16	0.85
Nickel	8		8.6	18.9	7.0	7.0	10.8	7.9	7.0
Potassium	1000		375	832	310	310	383	541	735
Selenium	1		1.9	4.3	1.6	1.6	1.5	1.6	1.6
Silver	2		1.4	4.0	1.5	1.5	1.4	1.5	1.5
Sodium	1000		543	1210	450	491	415	441	447
Thallium	2		1.9	4.3	1.6	1.6	1.5	1.6	1.6
Vanadium	10		12.1	14.7	4.3	6.4	14.2	24.2	24.1
Zinc	4		42.9	122	48.3	57.5	19.4	29.6	31.2
Cyanide	1		0.92	2.1	0.80	0.63	0.72	0.57	0.68
Percent Solids:			52	23	62	62	68	63	63
Associated Method Blank:			-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-

Inorganic Soil Analysis (mg/kg)

Table 2
Validation / Summary Table

SAMPLE LOCATION: JSD221000X JSD222000X JSD223000X JSD224000X
 LAB NUMBER: 144507 144508 144511 144518
 DATE SAMPLED: 11/14/91 11/15/91 11/15/91 11/15/91

ANALYTE	SOH-07/88	CRQL	11500	11200	10400	12400	10700
Aluminum	40		9.3 U	7.7 U	19.0 U	10.6 U	
Antimony	12		3.1 UN	4.2 N	2.9 UNW	3.2 UN	
Arsenic	2		168	149	311	285	
Barium	40		0.83 U	0.67 U	0.99 U	0.82 U	
Beryllium	1		1.5 U	1.2 U	2.0 U	1.7 U	
Cadmium	1000		11.2	8.810	20300	19000	
Calcium	2		7.3 U	12.3 U	13.7 U	12.7 U	
Chromium	10		0.85 UN*	5.7 U	4.9 U	4.0 U	
Cobalt	5		10000	0.69 UN*	1.2 UN*	0.96 UN*	
Copper	20		21.0	13900	10100	9430	
Iron	0.6		2830	18.4	40.4	29.0	
Magnesium	1000		108	2280	3960	3820	
Manganese	3		1.3	661	286	373	
Mercury	0.1		11.1 U	1.1	1.0	0.24 U	
Nickel	8		1140 U	8.6 U	15.8 U	10.5 U	
Potassium	1		2.1 UN	577 U	624 U	464 U	
Selenium	2		2.0 U	1.7 UN	2.9 UN	2.4 UNW	
Silver	1000		594	1.6 U	2.7 U	2.2 U	
Sodium	2		2.1 UN	482 U	816 U	673 U	
Thallium	10		22.0	1.7 UN	2.9 UN	2.4 UN	
Vanadium	4		31.6	23.3	20.9 U	13.9 U	
Zinc	1		0.99 UN	27.4	54.5	36.9 U	
Cyanide	1		0.63 UN	0.63 UN	1.4 UN	0.94 UN	
Percent Solids:			47	58	34	42	

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

TABLE 3

Table 3
Summary Table

SAMPLE LOCATION: JSD201000X
 LAB NUMBER: 144106
 DATE SAMPLED: 11/14/91

JSD202000X
 144107
 11/14/91

JSD203000X
 144108
 11/14/91

JSD206006X
 144116
 11/15/91

JSD207012X
 144517
 11/15/91

JSD208006X
 144515
 11/15/91

JSD209012X
 144514
 11/15/91

JSD210006X
 144512
 11/15/91

ANALYTE	SOM-07/88	CRQL	JSD201000X	JSD202000X	JSD203000X	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X
Aluminum	40		9880	17900	6230	6590	2340	1140	4850	1970
Antimony	12		-	-	-	-	-	-	-	-
Arsenic	2		-	-	-	-	-	-	-	-
Barium	40		136	278	122	3180	141	954	780	552
Beryllium	1		-	-	-	-	-	-	-	-
Cadmium	1		-	-	-	-	-	-	-	-
Calcium	1000		6150	22300	5840	23900	1310	20300	35200	20300
Chromium	2		10.0	15.0	9.0	21.2	2.5	-	-	-
Cobalt	10		-	-	-	-	-	-	-	-
Copper	5		-	-	-	-	-	-	-	-
Iron	20		7730	7620	6920	4780	4180	1740	2660	2430
Lead	0.6		18.3	30.2	16.5	6400	92.1	1470	550	477
Magnesium	1000	S	-	-	-	-	-	-	-	-
Manganese	3		148	296	150	328	36.7	95.9	183	79.9
Mercury	0.1		-	-	-	0.85	0.14	0.76	1.2	1.9
Nickel	8		-	-	-	-	-	-	-	-
Potassium	1000		-	-	-	-	-	-	-	-
Selenium	1		-	-	-	-	-	-	-	-
Silver	2		-	-	-	-	-	-	-	-
Sodium	1000		-	-	-	-	-	-	-	-
Thallium	2		-	-	-	-	-	-	-	-
Vanadium	10		-	-	-	-	-	-	-	-
Zinc	4		39.4	72.6	32.3	479	10.8	406	111	123
Cyanide	1		-	-	-	-	-	-	-	-
Percent Solids:			46	20	44	19	88	18	17	11

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

Inorganic Soil Analysis (mg/kg)

Table 3
Summary Table

SAMPLE LOCATION: JSD211012X
 LAB NUMBER: 144513
 DATE SAMPLED: 11/15/91

JSD215000X 144104 11/14/91
 JSD216000X 144105 11/14/91
 JSD217000X 144501 11/14/91
 JSD218000X 144502 11/14/91
 JSD219000X 144505 11/14/91
 JSD220000D 144521 11/14/91
 JSD220000X 144506 11/14/91

ANALYTE	SOH-07/88	CRQL	JSD215000X	JSD216000X	JSD217000X	JSD218000X	JSD219000X	JSD220000D	JSD220000X
Aluminum	40		7810	4010	552	804	5810	9730	9740
Antimony	12								21.6
Arsenic	2								
Barium	40		231	332	187	90.7	71.9	94.3	105
Beryllium	1								
Cadmium	1								
Calcium	1000		9700	29300	5970	5670	4040	4150	5180
Chromium	2		6.8				8.4	13.5	14.1
Cobalt	10								
Copper	5								
Iron	20		4000	4910	800	1440	9390	14400	14000
Lead	0.6		149	396	416	119	14.6	32.7	21.3
Magnesium	1000								
Manganese	3		49.1	110	31.8	35.1	336	1730	1750
Mercury	0.1		0.37			1.3	1.0	267	273
Nickel	8								0.85
Potassium	1000								
Selenium	1								
Silver	2								
Sodium	1000								
Thallium	2								
Vanadium	10								
Zinc	4		42.9	122	48.3	57.5	19.4	24.2	24.1
Cyanide	1							29.6	31.2

Percent Solids: 66 52 23 62 62 62 62 68 63 63

Associated Method Blank: - - - - -
 Associated Equipment Blank: - - - - -
 Associated Field Blank: - - - - -

Table 3
Summary Table

ANALYTE	SOM-07/88	CRQL	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED:	JSD221000X 144507 11/14/91	JSD222000X 144508 11/15/91	JSD223000X 144511 11/15/91	JSD224000X 144518 11/15/91
Aluminum	40		11500	10400	12400	10700	
Antimony	12		-	-	-	-	
Arsenic	2		-	-	-	-	
Barium	40		168	149	311	285	
Beryllium	1		-	-	-	-	
Cadmium	1		-	-	-	-	
Calcium	1000		11200	8810	20300	19000	
Chromium	2		11.2	12.3	13.7	12.7	
Cobalt	10		-	-	-	-	
Copper	5		-	-	-	-	
Iron	20		10000	13900	10100	9430	
Lead	0.6		21.0	18.4	40.4	29.0	
Magnesium	1000		2830	2280	3960	3820	
Manganese	3		108	661	286	373	
Mercury	0.1		1.3	1.1	1.0	-	
Nickel	8		-	-	-	-	
Potassium	1000		-	-	-	-	
Selenium	1		-	-	-	-	
Silver	2		-	-	-	-	
Sodium	1000		-	-	-	-	
Thallium	2		-	-	-	-	
Vanadium	10		22.0	23.3	-	-	
Zinc	4		31.6	27.4	54.5	36.9	
Cyanide	1		-	-	-	-	
=====							
Percent Solids:			47	58	34	42	
=====							
Associated Method Blank:			-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-
Associated Field Blank:			-	-	-	-	-

TOTAL LEAD DATA

TABLE 1

Table 1
Laboratory Report of Analysis

ANALYTE	CRQL	JSD225000X LAB NUMBER: 045516 DATE SAMPLED: 11/15/91	JSD226000X 045517 11/15/91	JSD227000X 045518 11/15/91	JSD228000X 045519 11/15/91	JSD229000X 045520 11/15/91	JSD230000X 045521 11/15/91	JSD231000X 045522 11/15/91	JSD232000X 045523 11/15/91
Lead	0.6	2280.00	356.00	1120.00	657.00	57.40 S	85.20	17.00	508.00
		21.7	17.3	17.9	15.4	25.7	19.2	28.9	24.1
		Percent Solids:							

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 1
Laboratory Report of Analysis

ANALYTE	CRQL	JSD2330000 LAB NUMBER: DATE SAMPLED:	JSD233000X 045524 11/15/91	JSD234000X 045526 11/15/91	JSD235000X 045527 11/15/91	JSD236000X 045528 11/15/91	JSD237000X 045529 11/15/91	JSD238000X 045530 11/15/91	JSD239000X 045531 11/15/91
Lead	0.6	204.00	469.00	535.00	1020.00	118.00	992.00	283.00	90.60
Percent Solids:		12.4	12.7	15.5	10.5	18.7	11.6	11.7	21.1

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 1
Laboratory Report of Analysis

ANALYTE	CRQL	JSD240000X 045501 11/15/91	JSD241000X 045502 11/15/91	JSD242000X 045503 11/15/91	JSD243000X 045504 11/15/91	JSD244000X 045505 11/15/91	JSD245000X 045506 11/15/91	JSD246000X 045507 11/15/91	JSD247000X 045508 11/15/91
Lead	0.6	1430.00	439.00	332.00	1100.00	200.00	283.00	13.20	11.50
		16.8	17.7	18.8	16.8	20.7	23.4	32.5	76.6
		Percent Solids:							

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSD248000X
LAB NUMBER: 045509
DATE SAMPLED: 11/15/91

JSD249000X 045510 11/15/91
JSD250000X 045511 11/15/91
JSD251000X 045512 11/15/91
JSD252000X 045513 11/15/91
JSD253000X 045514 11/16/91
JSD254000X 045515 11/16/91
JSD255000D 045532 11/16/91

ANALYTE CRQL

Lead	0.6	37.50	70.90	33.40	7.70	20.10 S	25.40	18.50 S	30.00

Percent Solids:	26.0	31.3	65.5	78.6	71.8	70.9	71.8	64.3	61.6

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	JSD25000X	JSD256000X	JSD257000X	JSD258000X	JSD259000X
LAB NUMBER:	045533	045534	045535	045536	045537
DATE SAMPLED:	11/16/91	11/16/91	11/16/91	11/16/91	11/16/91

ANALYTE	CRQL				
Lead	0.6	24.60 S	31.00 S	7.50	250.00
		62.4	48.2	69.6	16.5
					63.9
					30.7

Percent Solids:
 Associated Method Blank:
 Associated Equipment Blank:
 Associated Field Blank:

TABLE 2

Table 2
Validation / Summary Table

ANALYTE	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED:	JSD225000X 045516 11/15/91	JSD226000X 045517 11/15/91	JSD227000X 045518 11/15/91	JSD228000X 045519 11/15/91	JSD229000X 045520 11/15/91	JSD230000X 045521 11/15/91	JSD231000X 045522 11/15/91	JSD232000X 045523 11/15/91
Lead	0.6	2280.00	356.00	1120.00	657.00	57.40 S	85.20	17.00	508.00
Percent Solids:		21.7	17.3	17.9	15.4	25.7	19.2	28.9	24.1

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 2
Validation / Summary Table

ANALYTE	CRQL	JSD233000D 045525 11/15/91	JSD233000X 045524 11/15/91	JSD234000X 045526 11/15/91	JSD235000X 045527 11/15/91	JSD236000X 045528 11/15/91	JSD237000X 045529 11/15/91	JSD238000X 045530 11/15/91	JSD239000X 045531 11/15/91
Lead	0.6	204.00	469.00	535.00	1020.00	118.00	992.00	283.00	90.60
Percent Solids:		12.4	12.7	15.5	10.5	18.7	11.6	11.7	21.1

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 2
Validation / Summary Table

ANALYTE	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED:	JSD240000X 045501 11/15/91	JSD241000X 045502 11/15/91	JSD242000X 045503 11/15/91	JSD243000X 045504 11/15/91	JSD244000X 045505 11/15/91	JSD245000X 045506 11/15/91	JSD246000X 045507 11/15/91	JSD247000X 045508 11/15/91
Lead	CRQL	1430.00	439.00	332.00	1100.00	200.00	283.00	13.20	11.50
		16.8	17.7	18.8	16.8	20.7	23.4	32.5	76.6

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 2
Validation / Summary Table

SAMPLE LOCATION: JSD248000X
 LAB NUMBER: 045509
 DATE SAMPLED: 11/15/91

ANALYTE CRQL

Lead	0.6	37.50	70.90	JSD249000X 045510 11/15/91	JSD250000X 045511 11/15/91	JSD251000X 045512 11/15/91	JSD252000X 045513 11/15/91	JSD253000X 045514 11/16/91	JSD254000X 045515 11/16/91	JSD255000D 045532 11/16/91	30.00
		26.0	31.3			78.6	70.9	71.8	64.3	61.6	
		Percent Solids:				78.6	70.9	71.8	64.3	61.6	

Associated Method Blank:
 Associated Equipment Blank:
 Associated Field Blank:

Table 2
Validation / Summary Table

SAMPLE LOCATION:	JSD255000X	JSD256000X	JSD257000X	JSD258000X	JSD259000X
LAB NUMBER:	045533	045534	045535	045536	045537
DATE SAMPLED:	11/16/91	11/16/91	11/16/91	11/16/91	11/16/91

ANALYTE	CRQL				
Lead	0.6	24.60 S	31.00 S	7.50	250.00
		62.4	48.2	69.6	16.5
		Percent Solids:			30.7

Associated Method Blank:
 Associated Equipment Blank:
 Associated Field Blank:

TABLE 3

Table 3
Summary Table

SAMPLE LOCATION: JSD225000X
 LAB NUMBER: 045516
 DATE SAMPLED: 11/15/91

JSD232000X
 045523
 11/15/91

JSD231000X
 045522
 11/15/91

JSD230000X
 045521
 11/15/91

JSD229000X
 045520
 11/15/91

JSD228000X
 045519
 11/15/91

JSD227000X
 045518
 11/15/91

JSD226000X
 045517
 11/15/91

ANALYTE CRQL

Lead	0.6	2280.00	356.00	1120.00	657.00	57.40 S	85.20	17.00	508.00
		21.7	17.3	17.9	15.4	25.7	19.2	28.9	24.1
Percent Solids:									

Associated Method Blank:
 Associated Equipment Blank:
 Associated Field Blank:

Table 3
Summary Table

SAMPLE LOCATION: JSD233000D
 LAB NUMBER: 045525
 DATE SAMPLED: 11/15/91

ANALYTE	CRQL	JSD233000D 045525 11/15/91	JSD233000X 045524 11/15/91	JSD234000X 045526 11/15/91	JSD235000X 045527 11/15/91	JSD236000X 045528 11/15/91	JSD237000X 045529 11/15/91	JSD238000X 045530 11/15/91	JSD239000X 045531 11/15/91
Lead	0.6	204.00	469.00	535.00	1020.00	118.00	992.00	283.00	90.60

Percent Solids:		12.4	12.7	15.5	10.5	18.7	11.6	11.7	21.1

Associated Method Blank:									
Associated Equipment Blank:									
Associated Field Blank:									

Table 3
Summary Table

ANALYTE	CRQL	JSD240000X 045501 11/15/91	JSD241000X 045502 11/15/91	JSD242000X 045503 11/15/91	JSD243000X 045504 11/15/91	JSD244000X 045505 11/15/91	JSD245000X 045506 11/15/91	JSD246000X 045507 11/15/91	JSD247000X 045508 11/15/91
Lead	0.6	1430.00	439.00	332.00	1100.00	200.00	283.00	13.20	11.50
		16.8	17.7	18.8	16.8	20.7	23.4	32.5	76.6
Percent Solids:									

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 3
Summary Table

ANALYTE	CRQL	JSD248000X 045509 11/15/91	JSD249000X 045510 11/15/91	JSD250000X 045511 11/15/91	JSD251000X 045512 11/15/91	JSD252000X 045513 11/15/91	JSD253000X 045514 11/16/91	JSD254000X 045515 11/16/91	JSD255000P 045532 11/16/91
Lead	0.6	37.50	70.90	33.40	7.70	20.10 S	25.40	18.50 S	30.00
		26.0	31.3	65.5	78.6	70.9	71.8	64.3	61.6
Percent Solids:									

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 3
Summary Table

SAMPLE LOCATION: JSD255000X
 LAB NUMBER: 045533
 DATE SAMPLED: 11/16/91

JSD256000X
 045534
 11/16/91

JSD257000X
 045535
 11/16/91

JSD258000X
 045536
 11/16/91

JSD259000X
 045537
 11/16/91

ANALYTE CRQL

Lead	0.6	24.60 S	31.00 S	7.50	250.00	63.9
=====						
		62.4	48.2	69.6	16.5	30.7

Percent Solids:

Associated Method Blank:
 Associated Equipment Blank:
 Associated Field Blank:

TOTAL ORGANIC CARBON DATA

TABLE 1

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSD222000X
 LAB NUMBER: 144508
 DATE SAMPLED: 11/15/91

JSD223000X	JSD224000X	JSD213000X	JSD214000X	JSD2090120	JSD215000X	JSD206006X
144511	144518	144102	144103	144526	144104	144516
11/15/91	11/15/91	11/14/91	11/14/91	11/15/91	11/14/91	11/15/91

ANALYTE

Total Organic Carbon (TOC) 72300 106000 315000 716000 162000 242000 6030000

=====

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSD218000X
LAB NUMBER: 144502
DATE SAMPLED: 11/14/91

JSD219000X
144505
11/14/91

JSD220000X
144506
11/14/91

JSD221000X
144507
11/14/91

ANALYTE

Total Organic Carbon (TOC)

48500

34800

52200

165000

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSD207012X
LAB NUMBER: 144517
DATE SAMPLED: 11/15/91

JSD208006X
144515
11/15/91

JSD209012X
144514
11/15/91

JSD210006X
144512
11/15/91

JSD211012X
144513
11/15/91

JSD212000X
144101
11/14/91

JSD216000X
144105
11/14/91

JSD217000X
144501
11/14/91

ANALYTE

Total Organic Carbon (TOC)

18500

462000

220000

370000

108000

102000

624000

76100

TABLE 2

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 2
Validation/Summary Table

SAMPLE LOCATION: JSD222000X
LAB NUMBER: 144508
DATE SAMPLED: 11/15/91

JSD223000X
144511
11/15/91

JSD224000X
144518
11/15/91

JSD213000X
144102
11/14/91

JSD214000X
144103
11/14/91

JSD209012D
144526
11/15/91

JSD215000X
144104
11/14/91

JSD206006X
144516
11/15/91

ANALYTE

Total Organic Carbon (TOC)

72300

106000

315000

716000

212000

162000

242000

6030000 J

Table 2
Validation/Summary Table

SAMPLE LOCATION: JSD207012X
LAB NUMBER: 144517
DATE SAMPLED: 11/15/91

JSD208006X 144515 11/15/91	JSD209012X 144514 11/15/91	JSD210006X 144512 11/15/91	JSD211012X 144513 11/15/91	JSD212000X 144101 11/14/91	JSD216000X 144105 11/14/91	JSD217000X 144501 11/14/91
----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------	----------------------------------

ANALYTE

Total Organic Carbon (TOC)	18500	462000	220000	370000	108000	102000	624000	76100
----------------------------	-------	--------	--------	--------	--------	--------	--------	-------

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 2
Validation/Summary Table

SAMPLE LOCATION: JSD218000X
LAB NUMBER: 144502
DATE SAMPLED: 11/14/91

JSD219000X 144505 11/14/91
JSD220000X 144506 11/14/91
JSD221000X 144507 11/14/91

ANALYTE

Total Organic Carbon (TOC)

48500 34800 52200 165000

TABLE 3

Table 3
Summary Table

ANALYTE	SAMPLE LOCATION: LAB NUMBER: DATE SAMPLED:	JSD222000X 144508 11/15/91	JSD223000X 144511 11/15/91	JSD224000X 144518 11/15/91	JSD213000X 144102 11/14/91	JSD214000X 144103 11/14/91	JSD209012D 144526 11/15/91	JSD215000X 144104 11/14/91	JSD206006X 144516 11/15/91
Total Organic Carbon (TOC)		72300	106000	315000	716000	212000	162000	242000	6030000 J

Table 3
Summary Table

SAMPLE LOCATION: JSD207012X
LAB NUMBER: 144517
DATE SAMPLED: 11/15/91

JSD208006X
144515
11/15/91

JSD209012X
144514
11/15/91

JSD210006X
144512
11/15/91

JSD211012X
144513
11/15/91

JSD212000X
144101
11/14/91

JSD216000X
144105
11/14/91

JSD217000X
144501
11/14/91

ANALYTE

Total Organic Carbon (TOC)

18500

462000

220000

370000

108000

102000

624000

76100

=====

Table 3
Summary Table

SAMPLE LOCATION: JSD218000X
LAB NUMBER: 144502
DATE SAMPLED: 11/14/91

JSD219000X	JSD221000X
144505	144507
11/14/91	11/14/91

JSD220000X
144506
11/14/91

ANALYTE

Total Organic Carbon (TOC)

48500

34800

52200

165000

=====

TOXICITY CHARACTERISTIC LEACHING PROCEDURE DATA

TABLE 1

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION:	JSD204000X	JSD205000X	JSD205000D
LAB NUMBER:	144525	144523	144524
DATE SAMPLED:	11/15/91	11/15/91	11/15/91

ANALYTE			
Arsenic	70.30 U	70.30 U	70.30 U
Barium	903.00	752.00	828.00
Cadmium	3.50 U	3.50 U	3.50 U
Chromium	5.10 U	5.10 U	5.10 U
Lead	756.00	293.00	188.00
Mercury	0.20 U	0.20 U	0.20 U
Selenium	56.90 U	56.90 U	56.90 U
Silver	4.60 U	4.60 U	4.60 U

=====
Dilution Factor:=====
=====

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

TABLE 2

TCLP Analysis (ug/L)

PROJECT:North Lawrence

Table 2
Validation / Summary Table

SAMPLE LOCATION:	JSD204000X	JSD205000X	JSD205000D
LAB NUMBER:	144525	144523	144524
DATE SAMPLED:	11/15/91	11/15/91	11/15/91

ANALYTE

Arsenic	70.30 U	70.30 U	70.30 U
Barium	903.00	752.00	828.00
Cadmium	3.50 U	3.50 U	3.50 U
Chromium	5.10 U	5.10 U	5.10 U
Lead	756.00	293.00	188.00
Mercury	0.20 U	0.20 U	0.20 U
Selenium	56.90 U	56.90 U	56.90 U
Silver	4.60 U	4.60 U	4.60 U

=====
Dilution Factor:=====
=====

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

TABLE 3

Table 3
Summary Table

SAMPLE LOCATION:	JSD204000X	JSD205000X	JSD2050000
LAB NUMBER:	144525	144523	144524
DATE SAMPLED:	11/15/91	11/15/91	11/15/91

ANALYTE

Arsenic	-	-	-
Barium	903.00	752.00	828.00
Cadmium	-	-	-
Chromium	-	-	-
Lead	756.00	293.00	188.00
Mercury	-	-	-
Selenium	-	-	-
Silver	-	-	-

Dilution Factor:

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

SECOND PHASE GROUNDWATER

VOLATILE ORGANIC DATA
SEMIVOLATILE ORGANIC DATA
PESTICIDE AND POLYCHLORINATED BIPHENYL DATA
INORGANIC DATA

VOLATILE ORGANIC DATA

TABLE 1

Volatile Organic Aqueous Analysis (ug/L)

PROJECT: North Lawrence
 Table 1
 Laboratory Report of Analysis

SAMPLE LOCATION: JS8001XXXX
 LAB NUMBER: 1106603
 DATE SAMPLED: 01/14/92
 DATE ANALYZED: 01/17/92

ANALYTE	SOW-02/88	CRQL
Chloromethane	10	10 U
Bromomethane	10	10 U
Vinyl Chloride	10	10 U
Chloroethane	10	10 U
Methylene Chloride	5	1 BJ
Acetone	10	4 BJ
Carbon Disulfide	5	5 U
1,1-Dichloroethane	5	5 U
1,1-Dichloroethane	5	5 U
1,2-Dichloroethane (total)	5	5 U
Chloroform	5	5 U
1,2-Dichloroethane	5	5 U
2-Butanone	10	10 U
1,1,1-Trichloroethane	5	5 U
Carbon Tetrachloride	5	5 U
Vinyl Acetate	10	10 U
Bromodichloromethane	5	5 U
1,2-Dichloropropane	5	5 U
cis-1,3-Dichloropropene	5	5 U
Trichloroethene	5	5 U
Dibromochloromethane	5	5 U
1,1,2-Trichloroethane	5	5 U
Benzene	5	5 U
trans-1,3-Dichloropropene	5	5 U
Bromoform	5	5 U
4-Methyl-2-Pentanone	10	10 U
2-Hexanone	10	10 U
Tetrachloroethene	5	5 U
1,1,2,2-Tetrachloroethane	5	5 U
Toluene	5	5 U
Chlorobenzene	5	5 U
Ethylbenzene	5	5 U
Styrene	5	5 U
Total Xylenes	5	5 U
Dilution Factor:		1.00

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -
 Associated Trip Blank: -

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JMW101AXXO 1106607 01/14/92 01/17/92	JMW101BXXO 1106606 01/14/92 01/17/92	JMW102AXXO 1106612 01/14/92 01/20/92	JMW102BXXO 1106608 01/14/92 01/17/92	JMW103XXXO 1106611 01/14/92 01/17/92	JMW104AXXO 1109202 01/15/92 01/20/92	JMW104BXXO 1109204 01/15/92 01/20/92	JMW105AXXO 1106609 01/14/92 02/05/92
Chloromethane	10	10	U	U	U	U	U	U	U	U
Bromomethane	10	10	U	U	U	U	U	U	U	U
Vinyl Chloride	10	10	U	U	U	U	U	U	U	U
Chloroethane	10	10	U	U	U	U	U	U	U	U
Methylene Chloride	5	2 BJ	U	U	U	U	U	U	U	U
Acetone	10	2 BJ	U	U	U	U	U	U	U	U
Carbon Disulfide	5	5 U	U	U	U	U	U	U	U	U
1,1-Dichloroethene	5	5 U	U	U	U	U	U	U	U	U
1,1-Dichloroethane	5	5 U	U	U	U	U	U	U	U	U
1,2-Dichloroethene (total)	5	5 U	U	U	U	U	U	U	U	U
Chloroform	5	5 U	U	U	U	U	U	U	U	U
1,2-Dichloroethane	5	5 U	U	U	U	U	U	U	U	U
2-Butanone	10	10 U	U	U	U	U	U	U	U	U
1,1,1-Trichloroethane	5	5 U	U	U	U	U	U	U	U	U
Carbon Tetrachloride	5	5 U	U	U	U	U	U	U	U	U
Vinyl Acetate	10	10 U	U	U	U	U	U	U	U	U
Bromodichloromethane	5	5 U	U	U	U	U	U	U	U	U
1,2-Dichloropropane	5	5 U	U	U	U	U	U	U	U	U
cis-1,3-Dichloropropene	5	5 U	U	U	U	U	U	U	U	U
Trichloroethene	5	5 U	U	U	U	U	U	U	U	U
Dibromochloromethane	5	5 U	U	U	U	U	U	U	U	U
1,1,2-Trichloroethane	5	5 U	U	U	U	U	U	U	U	U
Benzene	5	5 U	U	U	U	U	U	U	U	U
trans-1,3-Dichloropropene	5	5 U	U	U	U	U	U	U	U	U
Bromoform	5	5 U	U	U	U	U	U	U	U	U
4-Methyl-2-Pentanone	10	10 U	U	U	U	U	U	U	U	U
2-Hexanone	10	10 U	U	U	U	U	U	U	U	U
Tetrachloroethene	5	5 U	U	U	U	U	U	U	U	U
1,1,2,2-Tetrachloroethane	5	5 U	U	U	U	U	U	U	U	U
Toluene	5	5 U	U	U	U	U	U	U	U	U
Chlorobenzene	5	5 U	U	U	U	U	U	U	U	U
Ethylbenzene	5	5 U	U	U	U	U	U	U	U	U
Styrene	5	5 U	U	U	U	U	U	U	U	U
Total Xylenes	5	5 U	U	U	U	U	U	U	U	U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -
 Associated Trip Blank: -

Table 1
Laboratory Report of Analysis

ANALYTE	SOM-02/88	CRQL	JMW105BXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW106YXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW107AXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW107BXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW201XXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW202XXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW203XXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW203XXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:
Chloromethane	10	U	1106610	1109203	1111302	1109201	1104601	1104602	1106601	1106602
Bromomethane	10	U	01/14/92	01/15/92	01/15/92	01/15/92	01/14/92	01/14/92	01/14/92	01/14/92
Vinyl Chloride	10	U	02/05/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	01/17/92
Chloroethane	10	U								
Methylene Chloride	5	U								
Acetone	10	U								
Carbon Disulfide	24	B								
1,1-Dichloroethene	5	U								
1,1-Dichloroethane	5	U								
1,2-Dichloroethane (total)	5	U								
Chloroform	5	U								
1,2-Dichloroethane	5	U								
2-Butanone	10	U								
1,1,1-Trichloroethane	5	U								
Carbon Tetrachloride	5	U								
Vinyl Acetate	10	U								
Bromodichloromethane	5	U								
1,2-Dichloropropane	5	U								
cis-1,3-Dichloropropene	5	U								
Trichloroethene	5	U								
Dibromochloromethane	5	U								
1,1,2-Trichloroethane	5	U								
Benzene	5	U								
trans-1,3-Dichloropropene	5	U								
Bromoform	5	U								
4-Methyl-2-Pentanone	10	U								
2-Hexanone	10	U								
Tetrachloroethene	5	U								
1,1,2,2-Tetrachloroethane	5	U								
Toluene	5	U								
Chlorobenzene	5	U								
Ethylbenzene	5	U								
Styrene	5	U								
Total Xylenes	5	U								
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -
Associated Trip Blank: -

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JMW204XXX0 LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JTR001XXX0 LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JTR002BXX0 LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JTR003XXX0 LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JTR004XXX0 LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JTR005XXX0 LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JTR006XXX0 LAB NUMBER: DATE SAMPLED: DATE ANALYZED:
Chloromethane	10	U	1111301	1106613	1106614	1106615	1106614	1109205	1111303
Bromomethane	10	U	01/15/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92
Vinyl Chloride	10	U	01/22/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	01/22/92
Chloroethane	10	U							
Methylene Chloride	5	U							
Acetone	10	U							
Carbon Disulfide	5	U							
1,1-Dichloroethene	5	U							
1,1,1-Trichloroethane	5	U							
1,1,2-Dichloroethane	5	U							
1,1,2-Dichloroethene (total)	5	U							
Chloroform	5	U							
1,2-Dichloroethane	5	U							
2-Butanone	10	U							
1,1,1-Trichloroethane	5	U							
Carbon Tetrachloride	5	U							
Vinyl Acetate	10	U							
Bromodichloromethane	5	U							
1,2-Dichloropropane	5	U							
bis-1,3-Dichloropropene	5	U							
Trichloroethene	5	U							
Dibromochloromethane	5	U							
1,1,1,2-Trichloroethane	5	U							
Benzene	5	U							
trans-1,3-Dichloropropene	5	U							
Bromoform	5	U							
4-Methyl-2-Pentanone	10	U							
2-Hexanone	10	U							
Tetrachloroethene	5	U							
1,1,2,2-Tetrachloroethane	5	U							
Toluene	5	U							
Chlorobenzene	5	U							
Ethylbenzene	5	U							
Styrene	5	U							
Total Xylenes	5	U							
			Dilution Factor: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00						

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -
 Associated Trip Blank: -

TABLE 2

Table 2
Validation / Summary Table

ANALYTE	SOM-02/88	CRQL	JMW101AXXO 1106607 01/14/92 01/17/92	JMW101BXXO 1106606 01/14/92 01/17/92	JMW102AXXO 1106612 01/14/92 01/20/92	JMW102BXXO 1106608 01/14/92 01/17/92	JMW103XXXO 1106611 01/14/92 01/17/92	JMW104AXXO 1109202 01/15/92 01/20/92	JMW104BXXO 1109204 01/15/92 01/20/92	JMW105AXXO 1106609 01/14/92 02/05/92
Chloromethane	10	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	5	5	2 BJ	2 BJ	5 U	2 BJ	1 BJ	5 U	5 U	5 U
Methylene Chloride	10	10	2 BJ	2 BJ	10 B	4 BJ	5 BJ	10 UJ	10 UJ	2 BJ
Acetone	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Disulfide	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	5 U
1,1,1-Trichloroethane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	10	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

Dilution Factor: 1.00
 Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -
 Associated Trip Blank: -

Table 2
Validation / Summary Table

ANALYTE	SOH-02/88	CRQL	JMW105BXX0 1106610 01/14/92 02/05/92	JMW106AXX0 1109203 01/15/92 01/20/92	JMW107AXX0 1111302 01/15/92 01/20/92	JMW107BXX0 1109201 01/15/92 01/20/92	JMW201XXXX0 1104601 01/14/92 01/20/92	JMW202XXXX0 1104602 01/14/92 01/20/92	JMW203XXXX0 1106601 01/14/92 01/20/92	JMW203XXXX0 1106602 01/14/92 01/17/92
Chloromethane	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	5		2 BU	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	10		24 B	10 UJ	10 UJ	10 UJ	10 U	10 U	11 B	6 BJ
Carbon Disulfide	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene (total)	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chloroform	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10		2 J	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dibromochloromethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5		1 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -
 Associated Trip Blank: -

Volatile Organic Aqueous Analysis (ug/L)

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JTR001XXXX 1104603 01/14/92 01/18/92	JTR002BXXX 1106613 01/14/92 01/20/92	JTR003XXXX 1106015 01/14/92 01/20/92	JTR004XXXX 1106614 01/14/92 01/20/92	JTR005XXXX 1109205 01/15/92 01/20/92	JTR006XXXX 1111303 01/15/92 01/22/92
Chloromethane	10	U	10	U	10	U	10	U
Bromomethane	10	U	10	U	10	U	10	U
Vinyl Chloride	10	U	10	U	10	U	10	U
Chloroethane	10	U	10	U	10	U	10	U
Methylene Chloride	5	U	5	U	5	U	5	U
Acetone	10	UJ	10	B	1	J	10	UJ
Carbon Disulfide	5	U	5	U	3	BJ	5	U
1,1-Dichloroethene	5	U	5	U	5	U	5	U
1,1-Dichloroethane	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U
1,2-Dichloroethene (total)	5	U	5	U	5	U	5	U
Chloroform	5	U	5	U	5	U	5	U
1,2-Dichloroethane	5	U	5	U	5	U	5	U
2-Butanone	10	U	10	U	10	U	10	UJ
1,1,1-Trichloroethane	5	U	5	U	5	U	5	U
Carbon Tetrachloride	5	U	5	U	5	U	5	U
Vinyl Acetate	10	U	10	U	10	U	10	U
Bromodichloromethane	5	U	5	U	5	U	5	U
1,2-Dichloropropane	5	U	5	U	5	U	5	U
cis-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Trichloroethene	5	U	5	U	5	U	5	U
Dibromochloromethane	5	U	5	U	5	U	5	U
1,1,2-Trichloroethane	5	U	5	U	5	U	5	U
Benzene	5	U	5	U	5	U	5	U
trans-1,3-Dichloropropene	5	U	5	U	5	U	5	U
Bromoform	5	U	5	U	5	U	5	U
4-Methyl-2-Pentanone	10	U	10	U	10	U	10	U
2-Hexanone	10	U	10	U	10	U	10	U
Tetrachloroethene	5	U	5	U	5	U	5	U
1,1,2,2-Tetrachloroethane	5	U	5	U	5	U	5	U
Toluene	5	U	5	U	5	U	5	U
Chlorobenzene	5	U	5	U	5	U	5	U
Ethylbenzene	5	U	5	U	5	U	5	U
Styrene	5	U	5	U	5	U	5	U
Total Xylenes	5	U	5	U	5	U	5	U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -
 Associated Trip Blank: -

TABLE 3

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	JMW101AXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW101BXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW102AXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW102BXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW103XXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW104AXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW104BXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW105AXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:
Chloromethane		10	1106607 01/14/92 01/17/92	1106606 01/14/92 01/17/92	1106612 01/14/92 01/20/92	1106608 01/14/92 01/17/92	1106611 01/14/92 01/17/92	1109202 01/15/92 01/20/92	1109204 01/15/92 01/20/92	1106609 01/14/92 02/05/92
Bromomethane		10								
Vinyl Chloride		10								
Chloroethane		10								
Methylene Chloride		5								
Acetone		10			10 B					
Carbon Disulfide		5								
1,1-Dichloroethene		5								
1,1-Dichloroethane		5								
1,2-Dichloroethene (total)		5								
Chloroform		5								
1,2-Dichloroethane		5								
2-Butanone		10								
1,1,1-Trichloroethane		5								
Carbon Tetrachloride		5								
Vinyl Acetate		10								
Bromodichloromethane		5								
1,2-Dichloropropane		5								
cis-1,3-Dichloropropene		5								
Trichloroethene		5								
Dibromochloromethane		5							34	
1,1,2-Trichloroethane		5								
Benzene		5								
trans-1,3-Dichloropropene		5								
Bromoform		5								
4-Methyl-2-Pentanone		10								
2-Hexanone		10								
Tetrachloroethene		5								
1,1,2,2-Tetrachloroethane		5							14	
Toluene		5								
Chlorobenzene		5								
Ethylbenzene		5								
Styrene		5								
Total Xylenes		5								
			Dilution Factor:			1.00	1.00	1.00	1.00	1.00

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:
Associated Trip Blank:

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	JMW105BXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW106XXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW107AXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW107BXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW201XXXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW202XXXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:	JMW203XXXXO LAB NUMBER: DATE SAMPLED: DATE ANALYZED:
Chloromethane	10		1106610 01/14/92 02/05/92	1109203 01/15/92 01/20/92	1111302 01/15/92 01/20/92	1109201 01/15/92 01/20/92	1104601 01/14/92 01/20/92	1104602 01/14/92 01/20/92	1106602 01/14/92 01/17/92
Bromomethane	10								
Vinyl Chloride	10								
Chloroethane	10								
Methylene Chloride	5								
Acetone	10	24 B							
Carbon Disulfide	5								
1,1-Dichloroethane	5								
1,1-Dichloroethane	5								
1,2-Dichloroethane (total)	5								
Chloroform	5								
1,2-Dichloroethane	5								
2-Butanone	10								
1,1,1-Trichloroethane	5								
Carbon Tetrachloride	5								
Vinyl Acetate	10								
Bromodichloromethane	5								
1,2-Dichloropropane	5								
cis-1,3-Dichloropropene	5								
Trichloroethene	5								
Dibromochloromethane	5								
1,1,2-Trichloroethane	5								
Benzene	5								
trans-1,3-Dichloropropene	5								
Bromoform	5								
4-Methyl-2-Pentanone	10								
2-Hexanone	10								
Tetrachloroethene	5								
1,1,2,2-Tetrachloroethane	5								
Toluene	5								
Chlorobenzene	5								
Ethylbenzene	5								
Styrene	5								
Total Xylenes	5								
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:			-	-	-	-	-	-	-
Associated Equipment Blank:			-	-	-	-	-	-	-
Associated Field Blank:			-	-	-	-	-	-	-
Associated Trip Blank:			-	-	-	-	-	-	-

Table 3
Summary Table

ANALYTE	SOW-02/88	CROL	SAMPLE LOCATION:				Dilution Factor:										
			JMW204XXX0	JTR001XXX0	JTR002BXX0	JTR003XXX0		JTR004XXX0	JTR005XXX0	JTR006XXX0							
			LAB NUMBER:	DATE SAMPLED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE ANALYZED:	LAB NUMBER:	DATE SAMPLED:	DATE ANALYZED:						
Chloromethane		10	1111301	01/15/92	01/22/92	1104603	01/14/92	01/18/92	1106613	01/14/92	01/20/92	1106614	01/14/92	01/15/92	1111303	01/15/92	01/22/92
Bromomethane		10															
Vinyl Chloride		10															
Chloroethane		10															
Methylene Chloride		5															
Acetone		10															
Carbon Disulfide		5							12 B								
1,1-Dichloroethene		5															
1,1-Dichloroethane		5															
1,2-Dichloroethene (total)		5															
Chloroform		5															
1,2-Dichloroethane		5															
2-Butanone		10															
1,1,1-Trichloroethane		5															
Carbon Tetrachloride		5															
Vinyl Acetate		10															
Bromodichloromethane		5															
1,2-Dichloropropane		5															
cis-1,3-Dichloropropene		5															
Trichloroethene		5															
Dibromochloromethane		5															
1,1,2-Trichloroethane		5															
Benzene		5															
trans-1,3-Dichloropropene		5															
Bromoform		5															
4-Methyl-2-Pentanone		10															
2-Hexanone		10															
Tetrachloroethene		5															
1,1,2,2-Tetrachloroethane		5															
Toluene		5															
Chlorobenzene		5															
Ethylbenzene		5															
Styrene		5															
Total Xylenes		5															

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:
Associated Trip Blank:

SEMIVOLATILE ORGANIC DATA

TABLE 1

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JS002000X
 LAB NUMBER: 1048118
 DATE SAMPLED: 11/20/91
 DATE EXTRACTED: 11/25/91
 DATE ANALYZED: 12/21/91

JSB001XXX0
 1106603
 01/14/92
 01/20/92
 01/31/92

ANALYTE	SOW-02/88	CRQL	
Phenol	10	10	U
bis(2-Chloroethyl)ether	10	10	U
2-Chlorophenol	10	10	U
1,3-Dichlorobenzene	10	10	U
1,4-Dichlorobenzene	10	10	U
Benzyl Alcohol	10	10	U
1,2-Dichlorobenzene	10	10	U
2-Methylphenol	10	10	U
bis(2-Chloroisopropyl)ether	10	10	U
4-Methylphenol	10	10	U
N-Nitroso-di-n-propylamine	10	10	U
Hexachloroethane	10	10	U
Nitrobenzene	10	10	U
Isophorone	10	10	U
2-Nitrophenol	10	10	U
2,4-Dimethylphenol	10	10	U
Benzoic Acid	50	50	U
bis(2-Chloroethoxy)methane	10	10	U
2,4-Dichlorophenol	10	10	U
1,2,4-Trichlorobenzene	10	10	U
Naphthalene	10	10	U
4-Chloroaniline	10	10	U
Hexachlorobutadiene	10	10	U
4-Chloro-3-Methylphenol	10	10	U
2-Methylnaphthalene	10	10	U
Hexachlorocyclopentadiene	10	10	U
2,4,6-Trichlorophenol	10	10	U
2,4,5-Trichlorophenol	50	50	U
2-Chloronaphthalene	10	10	U
2-Nitroaniline	50	50	U
Dimethylphthalate	10	10	U
Acenaphthylene	10	10	U
2,6-Dinitrotoluene	10	10	U

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JQS002000X JSB001XXX0
 LAB NUMBER: 1048118 1106603
 DATE SAMPLED: 11/20/91 01/14/92
 DATE EXTRACTED: 11/25/91 01/20/92
 DATE ANALYZED: 12/21/91 01/31/92

ANALYTE	SOW-02/88	CRQL
3-Nitroaniline	50	U
Acenaphthene	10	U
2,4-Dinitrophenol	50	U
4-Nitrophenol	50	U
Dibenzofuran	10	U
2,4-Dinitrotoluene	10	U
Diethylphthalate	10	U
4-Chlorophenyl-phenylether	10	U
Fluorene	10	U
4-Nitroaniline	50	U
4,6-Dinitro-2-methylphenol	50	U
N-Nitrosodiphenylamine	10	U
4-Bromophenyl-phenylether	10	U
Hexachlorobenzene	10	U
Pentachlorophenol	50	U
Phenanthrene	10	U
Anthracene	10	U
Di-n-butylphthalate	10	U
Fluoranthene	10	U
Pyrene	10	U
Butylbenzylphthalate	10	U
3,3'-Dichlorobenzidine	20	U
Benzo(a)Anthracene	10	U
Chrysene	10	U
bis(2-Ethylhexyl)phthalate	10	U
Di-n-octylphthalate	10	U
Benzo(b)Fluoranthene	10	U
Benzo(k)Fluoranthene	10	U
Benzo(a)pyrene	10	U
Indeno(1,2,3-c,d)Pyrene	10	U
Dibenz(e,h)Anthracene	10	U
Benzo(g,h,i)perylene	10	U
=====		
Dilution Factor:	1.00	1.00

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JMW201XXXX LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW202XXXX LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW203XXXX LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW203XXXX LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:
3-Nitroaniline	50	U	1104601	1104602	1106601	1106602
Acenaphthene	10	U	01/14/92	01/14/92	01/14/92	01/14/92
2,4-Dinitrophenol	50	U	01/16/92	01/16/92	01/20/92	01/20/92
4-Nitrophenol	50	U	01/31/92	01/31/92	01/31/92	01/31/92
Dibenzofuran	10	U				
2,4-Dinitrotoluene	10	U				
Diethylphthalate	10	U				
4-Chlorophenyl-phenylether	10	U				
Fluorene	10	U				
4-Nitroaniline	50	U				
4,6-Dinitro-2-methylphenol	50	U				
N-Nitrosodiphenylamine	10	U				
4-Bromophenyl-phenylether	10	U				
Hexachlorobenzene	10	U				
Pentachlorophenol	50	U				
Phenanthrene	10	U				
Anthracene	10	U				
Di-n-butylphthalate	10	U				
Fluoranthene	10	U				
Pyrene	10	U				
Butylbenzylphthalate	10	U				
3,3'-Dichlorobenzidine	20	U				
Benzo(a)Anthracene	10	U				
Chrysene	10	U				
bis(2-Ethylhexyl)phthalate	10	U				
01-n-octylphthalate	10	U				
Benzo(b)Fluoranthene	10	U				
Benzo(k)Fluoranthene	10	U				
Benzo(a)Pyrene	10	U				
Indeno(1,2,3-c,d)Pyrene	10	U				
Dibenz(a,h)Anthracene	10	U				
Benzo(g,h,i)perylene	10	U				

Dilution Factor: 1.00 1.00 1.00 1.00 1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

TABLE 2

Semivolatle Organic Aqueous Analysis (ug/L)

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JMW201XXXX	JMW202XXXX	JMW203XXXX	JMW203XXXX
			LAB NUMBER:	LAB NUMBER:	LAB NUMBER:	LAB NUMBER:
			DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:	DATE SAMPLED:
			DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:	DATE EXTRACTED:
			DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:	DATE ANALYZED:
Phenol	10	10	U	U	U	U
bis(2-Chloroethyl)ether	10	10	U	U	U	U
2-Chlorophenol	10	10	U	U	U	U
1,3-Dichlorobenzene	10	10	U	U	U	U
1,4-Dichlorobenzene	10	10	U	U	U	U
Benzyl Alcohol	10	10	U	U	U	U
1,2-Dichlorobenzene	10	10	U	U	U	U
2-Methylphenol	10	10	U	U	U	U
bis(2-Chloroisopropyl)ether	10	10	U	U	U	U
4-Methylphenol	10	10	U	U	U	U
N-Nitroso-di-n-propylamine	10	10	U	U	U	U
Hexachloroethane	10	10	U	U	U	U
Nitrobenzene	10	10	U	U	U	U
Isophorone	10	10	U	U	U	U
2-Nitrophenol	10	10	U	U	U	U
2,4-Dimethylphenol	10	10	U	U	U	U
Benzoic Acid	50	50	U	U	U	U
bis(2-Chloroethoxy)methane	10	10	U	U	U	U
2,4-Dichlorophenol	10	10	U	U	U	U
1,2,4-Trichlorobenzene	10	10	U	U	U	U
Naphthalene	10	10	U	U	U	U
4-Chloroaniline	10	10	U	U	U	U
Hexachlorobutadiene	10	10	U	U	U	U
4-Chloro-3-Methylphenol	10	10	U	U	U	U
2-Methylnaphthalene	10	10	U	U	U	U
Hexachlorocyclopentadiene	10	10	U	U	U	U
2,4,6-Trichlorophenol	10	10	U	U	U	U
2,4,5-Trichlorophenol	50	50	U	U	U	U
2-Chloronaphthalene	10	10	U	U	U	U
2-Nitroaniline	50	50	U	U	U	U
Dimethylphthalate	10	10	U	U	U	U
Acenaphthylene	10	10	U	U	U	U
2,6-Dinitrotoluene	10	10	U	U	U	U

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JMW201XXXO LAB NUMBER: 1104601	JMW202XXXO LAB NUMBER: 1104602	JMW203XXXO LAB NUMBER: 1106601	JMW203XXXO LAB NUMBER: 1106602
3-Nitroaniline	50		U	U	U	U
Acenaphthene	10		U	U	U	U
2,4-Dinitrophenol	50		U	U	U	U
4-Nitrophenol	50		U	U	U	U
Dibenzofuran	10		U	U	U	U
2,4-Dinitrotoluene	10		U	U	U	U
Diethylphthalate	10		U	U	U	U
4-Chlorophenyl-phenylether	10		U	U	U	U
Fluorene	10		U	U	U	U
4-Nitroaniline	50		U	U	U	U
4,6-Dinitro-2-methylphenol	50		U	U	U	U
N-Nitrosodiphenylamine	10		U	U	U	U
4-Bromophenyl-phenylether	10		U	U	U	U
Hexachlorobenzene	10		U	U	U	U
Pentachlorophenol	50		U	U	U	U
Phenanthrene	10		U	U	U	U
Anthracene	10		U	U	U	U
Di-n-butylphthalate	10		U	U	U	U
Fluoranthene	10		U	U	U	U
Pyrene	10		U	U	U	U
Butylbenzylphthalate	10		U	U	U	U
3,3'-Dichlorobenzidine	20		U	U	U	U
Benzo(a)Anthracene	10		U	U	U	U
Chrysene	10		U	U	U	U
bis(2-Ethylhexyl)phthalate	10		U	U	U	U
Di-n-octylphthalate	10		U	U	U	U
Benzo(b)Fluoranthene	10		U	U	U	U
Benzo(k)Fluoranthene	10		U	U	U	U
Benzo(a)Pyrene	10		U	U	U	U
Indeno(1,2,3-c,d)Pyrene	10		U	U	U	U
Dibenz(a,h)Anthracene	10		U	U	U	U
Benzo(g,h,i)perylene	10		U	U	U	U
Dilution Factor: 1.00 1.00 1.00 1.00						

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

TABLE 3

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	JMW2011XXX0 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW202XXXX0 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW203XXXX0 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW203XXXX0 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:
Phenol	10					
bis(2-Chloroethyl)ether	10					
2-Chlorophenol	10					
1,3-Dichlorobenzene	10					
1,4-Dichlorobenzene	10					
Benzyl Alcohol	10					
1,2-Dichlorobenzene	10					
2-Methylphenol	10					
bis(2-Chloroisopropyl)ether	10					
4-Methylphenol	10					
N-Nitroso-di-n-propylamine	10					
Hexachloroethane	10					
Nitrobenzene	10					
Isophorone	10					
2-Nitrophenol	10					
2,4-Dimethylphenol	10					
Benzoic Acid	50					
bis(2-Chloroethoxy)methane	10					
2,4-Dichlorophenol	10					
1,2,4-Trichlorobenzene	10					
Naphthalene	10					
4-Chloroaniline	10					
Hexachlorobutadiene	10					
4-Chloro-3-Methylphenol	10					
2-Methylnaphthalene	10					
Hexachlorocyclopentadiene	10					
2,4,6-Trichlorophenol	10					
2,4,5-Trichlorophenol	50					
2-Chloronaphthalene	10					
2-Nitroaniline	50					
Dimethylphthalate	10					
Acenaphthylene	10					
2,6-Dinitrotoluene	10					

ANALYTE	SOW-02/88	CRQL	JMW201XXX0 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW202XXX0 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW203XXX0 LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:
3-Nitroaniline	50				
Acenaphthene	10				
2,4-Dinitrophenol	50				
4-Nitrophenol	50				
Dibenzofuran	10				
2,4-Dinitrotoluene	10				
Diethylphthalate	10				
4-Chlorophenyl-phenylether	10				
Fluorene	10				
4-Nitroaniline	50				
4,6-Dinitro-2-methylphenol	50				
N-Nitrosodiphenylamine	10				
4-Bromophenyl-phenylether	10				
Hexachlorobenzene	10				
Pentachlorophenol	50				
Phenanthrene	10				
Anthracene	10				
Di-n-butylphthalate	10				
Fluoranthene	10				
Pyrene	10				
Butylbenzylphthalate	10				
3,3'-Dichlorobenzidine	20				
Benzo(a)Anthracene	10				
Chrysene	10				
bis(2-Ethylhexyl)phthalate	10				
Di-n-octylphthalate	10				
Benzo(b)Fluoranthene	10				
Benzo(k)Fluoranthene	10				
Benzo(a)Pyrene	10				
Indeno(1,2,3-c,d)pyrene	10				
Dibenz(a,h)Anthracene	10				
Benzo(g,h,i)perylene	10				
Dilution Factor: 1.00 1.00 1.00 1.00					
Associated Method Blank: - - - - -					
Associated Equipment Blank: - - - - -					
Associated Field Blank: - - - - -					

PESTICIDE AND POLYCHLORINATED BIPHENYL DATA

TABLE 1

Pesticides/PCBs Aqueous Analysis (ug/L)

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSQ001000X JS8001XXX0
 LAB NUMBER: 1044527 1048118 JQS002000X
 DATE SAMPLED: 11/15/91 11/20/91 11/06603
 DATE EXTRACTED: 11/21/91 11/25/91 01/14/92
 DATE ANALYZED: 12/16/91 12/21/91 01/17/92
 02/05/92

ANALYTE	SOW-02/88	CRQL			
alpha-BHC	0.05	0.05	U	0.05	U
beta-BHC	0.05	0.05	U	0.05	U
delta-BHC	0.05	0.05	U	0.05	U
gamma-BHC (Lindane)	0.05	0.05	U	0.05	U
Heptachlor	0.05	0.05	U	0.05	U
Aldrin	0.05	0.05	U	0.05	U
Heptachlor Epoxide	0.05	0.05	U	0.05	U
Endosulfan I	0.05	0.05	U	0.05	U
Dieldrin	0.05	0.05	U	0.05	U
4,4'-DDE	0.1	0.1	U	0.1	U
Endrin	0.1	0.1	U	0.1	U
Endosulfan II	0.1	0.1	U	0.1	U
4,4'-DDD	0.1	0.1	U	0.1	U
Endosulfan Sulfate	0.1	0.1	U	0.1	U
4,4'-DDT	0.1	0.1	U	0.1	U
Methoxychlor	0.5	0.5	U	0.5	U
Endrin Ketone	0.1	0.1	U	0.1	U
alpha-Chlordane	0.5	0.5	U	0.5	U
gamma-Chlordane	0.5	0.5	U	0.5	U
Toxaphene	1	1	U	1	U
Aroclor-1016	0.5	0.5	U	0.5	U
Aroclor-1221	0.5	0.5	U	0.5	U
Aroclor-1232	0.5	0.5	U	0.5	U
Aroclor-1242	0.5	0.5	U	0.5	U
Aroclor-1248	0.5	0.5	U	0.5	U
Aroclor-1254	1	1	U	1	U
Aroclor-1260	1	1	U	1	U
Dilution Factor:			1.00	1.00	1.00

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JMW101AXXO 1106607 01/14/92 01/17/92 02/05/92	JMW101BXXO 1106606 01/14/92 01/17/92 02/05/92	JMW102AXXO 1106612 01/14/92 01/17/92 02/05/92	JMW102BXXO 1106608 01/14/92 01/17/92 02/05/92	JMW103AXXO 1106611 01/14/92 01/17/92 02/05/92	JMW104AXXO 1109202 01/15/92 01/20/92 02/05/92	JMW104BXXO 1109204 01/15/92 01/20/92 02/05/92	JMW105AXXO 1106609 01/14/92 01/17/92 02/05/92	
alpha-BHC	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
beta-BHC	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
delta-BHC	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
gamma-BHC (Lindane)	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Aldrin	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Heptachlor Epoxide	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Endosulfan I	0.05	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
Dieldrin	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDE	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endrin	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan II	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDD	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Endosulfan Sulfate	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
4,4'-DDT	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Methoxychlor	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Endrin Ketone	0.1	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
alpha-Chlordane	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
gamma-Chlordane	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toxaphene	1	1	U	1	U	1	U	1	U	1	U
Aroclor-1016	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor-1221	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor-1232	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor-1242	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor-1248	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Aroclor-1254	1	1	U	1	U	1	U	1	U	1	U
Aroclor-1260	1	1	U	1	U	1	U	1	U	1	U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Pesticides/PCBs Aqueous Analysis (ug/L)

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88	CRQL	JMW105BXXO 1106610 01/14/92 01/17/92 02/05/92	JMW106XXXO 1109203 01/15/92 01/20/92 02/05/92	JMW107AXXO 1111302 01/15/92 01/21/92 02/05/92	JMW107BXXO 1109201 01/15/92 01/20/92 02/05/92	JMW2011XXXO 1104601 01/14/92 01/16/92 02/04/92	JMW2022XXXO 1104602 01/14/92 01/16/92 02/04/92	JMW2033XXXO 1106602 01/14/92 01/17/92 02/04/92	JMW203XXXXO 1106602 01/14/92 01/17/92 02/04/92
alpha-BHC	0.05		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	0.05		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
delta-BHC	0.05		0.05 U	0.05 U	1.2	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (Lindane)	0.05		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aldrin	0.05		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan I	0.05		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan II	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Methoxychlor	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Endrin Ketone	0.1		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
alpha-Chlordane	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
gamma-Chlordane	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1016	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1221	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1232	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1242	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1248	0.5		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1254	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1260	1		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JMW204XXXO
 LAB NUMBER: 1111301
 DATE SAMPLED: 01/15/92
 DATE EXTRACTED: 01/21/92
 DATE ANALYZED: 02/05/92

ANALYTE	SOW-02/88	CRQL
alpha-BHC	0.05	0.05 U
beta-BHC	0.05	0.05 U
delta-BHC	0.05	0.05 U
gamma-BHC (Lindane)	0.05	0.05 U
Heptachlor	0.05	0.05 U
Aldrin	0.05	0.05 U
Heptachlor Epoxide	0.05	0.05 U
Endosulfan I	0.05	0.05 U
Dieldrin	0.1	0.1 U
4,4'-DDE	0.1	0.1 U
Endrin	0.1	0.1 U
Endosulfan II	0.1	0.1 U
4,4'-DDD	0.1	0.1 U
Endosulfan Sulfate	0.1	0.1 U
4,4'-DDT	0.1	0.1 U
Methoxychlor	0.5	0.5 U
Endrin Ketone	0.1	0.1 U
alpha-Chlordane	0.5	0.5 U
gamma-Chlordane	0.5	0.5 U
Toxaphene	1	1 U
Aroclor-1016	0.5	0.5 U
Aroclor-1221	0.5	0.5 U
Aroclor-1232	0.5	0.5 U
Aroclor-1242	0.5	0.5 U
Aroclor-1248	0.5	0.5 U
Aroclor-1254	1	1 U
Aroclor-1260	1	1 U
Dilution Factor:		1.00

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

TABLE 2

Pesticides/PCBs Aqueous Analysis (ug/L)

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JMW101AXXO 1106607 01/14/92 01/17/92 02/05/92	JMW101BXXO 1106606 01/14/92 01/17/92 02/05/92	JMW102AXXO 1106612 01/14/92 01/17/92 02/05/92	JMW102BXXO 1106608 01/14/92 01/17/92 02/05/92	JMW103XXXO 1106611 01/14/92 01/17/92 02/05/92	JMW104AXXO 1109202 01/15/92 01/20/92 02/05/92	JMW104BXXO 1109204 01/15/92 01/20/92 02/05/92	JMW105AXXO 1106609 01/14/92 01/17/92 02/05/92
alpha-BHC	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
beta-BHC	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
delta-BHC	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
gamma-BHC (Lindane)	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Heptachlor	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Aldrin	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Heptachlor Epoxide	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Endosulfan I	0.05	U	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Endosulfan II	0.1	U	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4,4'-DDE	0.1	U	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Endrin	0.1	U	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4,4'-DDD	0.1	U	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Endosulfan Sulfate	0.1	U	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
4,4'-DDT	0.1	U	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Methoxychlor	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Endrin Ketone	0.1	U	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
alpha-Chlordane	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
gamma-Chlordane	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Toxaphene	1	U	1	1	1	1	1	1	1	1
Aroclor-1016	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Aroclor-1221	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Aroclor-1232	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Aroclor-1242	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Aroclor-1248	0.5	U	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Aroclor-1254	1	U	1	1	1	1	1	1	1	1
Aroclor-1260	1	U	1	1	1	1	1	1	1	1
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Pesticides/PCBs Aqueous Analysis (ug/L)

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88	CRQL	JMW105BXXO	JMW106XXXO	JMW107AXXO	JMW107BXXO	JMW201YXXO	JMW202XXO	JMW203XXXO	JMW203XXXO
alpha-BHC	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
beta-BHC	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
delta-BHC	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC (Lindane)	0.05 U	0.05	0.05 U	0.05 U	1.2 T	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aldrin	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan I	0.05 U	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan II	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Methoxychlor	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Endrin Ketone	0.1 U	0.1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
alpha-Chlordane	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
gamma-Chlordane	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1016	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1221	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1232	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1242	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1248	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Aroclor-1254	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1260	1 U	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dilution Factor:			1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Table 2
Validation / Summary Table

SAMPLE LOCATION: JMW204XXX0
 LAB NUMBER: 1111301
 DATE SAMPLED: 01/15/92
 DATE EXTRACTED: 01/21/92
 DATE ANALYZED: 02/05/92

ANALYTE	SOW-02/88	CRQL
alpha-BHC	0.05	0.05 U
beta-BHC	0.05	0.05 U
delta-BHC	0.05	0.05 U
gamma-BHC (Lindane)	0.05	0.05 U
Heptachlor	0.05	0.05 U
Aldrin	0.05	0.05 U
Heptachlor Epoxide	0.05	0.05 U
Endosulfan I	0.05	0.05 U
Dieldrin	0.1	0.1 U
4,4'-DDE	0.1	0.1 U
Endrin	0.1	0.1 U
Endosulfan II	0.1	0.1 U
4,4'-DDD	0.1	0.1 U
Endosulfan Sulfate	0.1	0.1 U
4,4'-DDT	0.1	0.1 U
Methoxychlor	0.5	0.5 U
Endrin Ketone	0.1	0.1 U
alpha-Chlordane	0.5	0.5 U
gamma-Chlordane	0.5	0.5 U
Toxaphene	1	1 U
Aroclor-1016	0.5	0.5 U
Aroclor-1221	0.5	0.5 U
Aroclor-1232	0.5	0.5 U
Aroclor-1242	0.5	0.5 U
Aroclor-1248	0.5	0.5 U
Aroclor-1254	1	1 U
Aroclor-1260	1	1 U
=====		
Dilution Factor:		1.00
=====		

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

TABLE 3

Pesticides/PCBs Aqueous Analysis (ug/L)

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	JMW101AXXO LAB NUMBER: DATE SAMPLED: DATE EXTRACTED: DATE ANALYZED:	JMW101BXXO 1106606 01/14/92 01/17/92 02/05/92	JMW102AXXO 1106612 01/14/92 01/17/92 02/05/92	JMW102BXXO 1106608 01/14/92 01/17/92 02/05/92	JMW103XXXO 1106611 01/14/92 01/17/92 02/05/92	JMW104AXXO 1109202 01/15/92 01/20/92 02/05/92	JMW104BXXO 1109204 01/15/92 01/20/92 02/05/92	JMW105AXXO 1106609 01/14/92 01/17/92 02/05/92
alpha-BHC	0.05	-	-	-	-	-	-	-	-	-
beta-BHC	0.05	-	-	-	-	-	-	-	-	-
delta-BHC	0.05	-	-	-	-	-	-	-	-	-
gamma-BHC (Lindane)	0.05	-	-	-	-	-	-	-	-	-
Heptachlor	0.05	-	-	-	-	-	-	-	-	-
Aldrin	0.05	-	-	-	-	-	-	-	-	-
Heptachlor Epoxide	0.05	-	-	-	-	-	-	-	-	-
Endosulfan I	0.05	-	-	-	-	-	-	-	-	-
Dieldrin	0.1	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.1	-	-	-	-	-	-	-	-	-
Endrin	0.1	-	-	-	-	-	-	-	-	-
Endosulfan II	0.1	-	-	-	-	-	-	-	-	-
4,4'-DDD	0.1	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	0.1	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.1	-	-	-	-	-	-	-	-	-
Methoxychlor	0.5	-	-	-	-	-	-	-	-	-
Endrin Ketone	0.1	-	-	-	-	-	-	-	-	-
alpha-Chlordane	0.5	-	-	-	-	-	-	-	-	-
gamma-Chlordane	0.5	-	-	-	-	-	-	-	-	-
Toxaphene	1	-	-	-	-	-	-	-	-	-
Aroclor-1016	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1221	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1232	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1242	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1248	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1254	1	-	-	-	-	-	-	-	-	-
Aroclor-1260	1	-	-	-	-	-	-	-	-	-

Dilution Factor: 1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	JMW105BXXO 1106610 01/14/92 01/17/92 02/05/92	JMW106XXXO 1109203 01/15/92 01/20/92 02/05/92	JMW107AXXO 1111302 01/15/92 01/21/92 02/05/92	JMW107BXXO 1109201 01/15/92 01/20/92 02/05/92	JMW201XXXO 1104601 01/14/92 01/16/92 02/04/92	JMW202XXXO 1104602 01/14/92 01/16/92 02/04/92	JMW203XXXO 11069601 01/14/92 01/17/92 02/04/92	JMW203XXXO 1106602 01/14/92 01/17/92 02/04/92
alpha-BHC	0.05	-	-	-	-	-	-	-	-	-
beta-BHC	0.05	-	-	-	-	-	-	-	-	-
delta-BHC	0.05	-	-	1.2 T	-	-	-	-	-	-
gamma-BHC (Lindane)	0.05	-	-	-	-	-	-	-	-	-
Heptachlor	0.05	-	-	-	-	-	-	-	-	-
Aldrin	0.05	-	-	-	-	-	-	-	-	-
Heptachlor Epoxide	0.05	-	-	-	-	-	-	-	-	-
Endosulfan I	0.05	-	-	-	-	-	-	-	-	-
Dieldrin	0.1	-	-	-	-	-	-	-	-	-
4,4'-DDE	0.1	-	-	-	-	-	-	-	-	-
Endrin	0.1	-	-	-	-	-	-	-	-	-
Endosulfan II	0.1	-	-	-	-	-	-	-	-	-
4,4'-DDD	0.1	-	-	-	-	-	-	-	-	-
Endosulfan Sulfate	0.1	-	-	-	-	-	-	-	-	-
4,4'-DDT	0.1	-	-	-	-	-	-	-	-	-
Methoxychlor	0.5	-	-	-	-	-	-	-	-	-
Endrin Ketone	0.1	-	-	-	-	-	-	-	-	-
alpha-Chlordane	0.5	-	-	-	-	-	-	-	-	-
gamma-Chlordane	0.5	-	-	-	-	-	-	-	-	-
Toxaphene	1	-	-	-	-	-	-	-	-	-
Aroclor-1016	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1221	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1232	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1242	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1248	0.5	-	-	-	-	-	-	-	-	-
Aroclor-1254	1	-	-	-	-	-	-	-	-	-
Aroclor-1260	1	-	-	-	-	-	-	-	-	-

Dilution Factor: 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

SAMPLE LOCATION: JMW204XXX0
 LAB NUMBER: 1111301
 DATE SAMPLED: 01/15/92
 DATE EXTRACTED: 01/21/92
 DATE ANALYZED: 02/05/92

ANALYTE	SOW-02/88	CRQL
alpha-BHC		0.05
beta-BHC		0.05
delta-BHC		0.05
gamma-BHC (Lindane)		0.05
Heptachlor		0.05
Aldrin		0.05
Heptachlor Epoxide		0.05
Endosulfan I		0.05
Dieldrin		0.1
4,4'-DDE		0.1
Endrin		0.1
Endosulfan II		0.1
4,4'-DDD		0.1
Endosulfan Sulfate		0.1
4,4'-DDT		0.1
Methoxychlor		0.5
Endrin Ketone		0.1
alpha-Chlordane		0.5
gamma-Chlordane		0.5
Toxaphene		1
Aroclor-1016		0.5
Aroclor-1221		0.5
Aroclor-1232		0.5
Aroclor-1242		0.5
Aroclor-1248		0.5
Aroclor-1254		1
Aroclor-1260		1
=====		
Dilution Factor:		1.00
=====		

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -

INORGANIC DATA

TABLE 1

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-07/88	CRQL	JMW101AXXO 066-07 01/14/92	JMW101BXXO 066-06 01/14/92	JMW102AXXO 066-12 01/14/92	JMW102BXXO 066-08 01/14/92	JMW103XXXO 066-11 01/14/92	JMW104AXXO 092-02 01/15/92	JMW104BXXO 092-04 01/15/92	JMW105AXXO 066-09 01/14/92
Aluminum	200		8780	15400	34.1 U	586	985	10000 E*	347 E*	55.0 □
Antimony	60		42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U	42.2 U
Arsenic	10		5.0 UW	5.0 U	5.0 U	41.5 □	5.0 UW	5.0 UEN	5.0 UN	5.0 UW
Barium	200		165 □	283	58.5 □	2.5 U	185 □	185 □	261	58.5 □
Beryllium	5		2.5 U	2.5 U	2.5 U	4.1 U	2.5 U	2.5 U	2.5 U	2.5 U
Cadmium	5		4.1 U	4.1 U	4.1 U	49600	4.1 U	4.1 U	4.1 U	4.1 U
Calcium	5000		77500	109000	30000	0.00	79000	85600	68800	47500
Chromium	10		43.0	53.0	9.1 U	9.1 U	9.1 U	49.1 *	10.4 *	9.1 U
Chromium	50		10.4 U	12.3 □	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U
Cobalt	25		29.9	77.8	5.0 U	5.0 U	12.0 □	21.6 □	7.7 □	5.0 U
Copper	100		12700	22200	338	775	1730	17200	2590	1060
Iron	3		13.0	17.8	3.0 U	3.0 U	3.0 U	11.9 S	3.0 U	3.0 U
Lead	5000		31100	46700	13300	21200	30200	44800	26400	22200
Magnesium	15		275	884	18.7	28.9	84.2	347	1320	27.2
Manganese	0.2		0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	40		45.6	45.6	21.5 U	21.5 U	21.5 U	21.5 U	21.5 U	21.5 U
Potassium	5000		3220 □	4540 □	1930 □	1450 U	1450 U	5830	1450 U	1450 U
Selenium	5		25.0 UW	5.0 UW	5.0 U	25.0 U	25.0 U	25.0 U	5.0 U	25.0 U
Silver	10		5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	5.7 U	6.4 □	5.7 U
Sodium	5000		8600	8290	3500 □	4430 U	2770 □	15000	47600	6650
Thallium	10		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UN	5.0 UN	5.0 U
Vanadium	50		8.2 □	24.7 □	7.9 U	7.9 U	7.9 U	19.8 □	7.9 U	7.9 U
Zinc	20		853	62.1	5.3 U	49.1	11.0 □	24200 *	6.6 □*	41.4
Cyanide	10		NR	NR	NR	NR	NR	NR	NR	NR

Associated Method Blank: - - -
 Associated Equipment Blank: - - -
 Associated Field Blank: - - -

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JMW105BXXO JMW106XXXO JMW107AXXO JMW107BXXO JMW201XXXO JMW202XXXO JMW203XXXO JMW203XXXO
 LAB NUMBER: 066-10 092-03 113-02 092-01 046-01 046-02 066-01 066-02
 DATE SAMPLED: 01/14/92 01/15/92 01/15/92 01/15/92 01/14/92 01/14/92 01/14/92 01/14/92

ANALYTE	SOW-07/88	CRQL	JMW105BXXO	JMW106XXXO	JMW107AXXO	JMW107BXXO	JMW201XXXO	JMW202XXXO	JMW203XXXO	JMW203XXXO
Aluminum	200		45300	8810	65900	2460	106	104	1710	800
Antimony	60		42.2	42.2	42.2	47.0	42.2	42.2	42.2	42.2
Arsenic	10		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Barium	200		986	197	894	506	122	35.4	174	154
Beryllium	5		2.5	2.5	4.4	2.5	2.5	2.5	2.5	2.5
Cadmium	5		4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Calcium	5000		274000	91000	253000	38900	53500	88500	73900	68500
Chromium	10		77.8	34.6	146	9.1	9.1	9.1	43.6	38.9
Cobalt	50		30.7	10.4	48.1	10.4	10.4	18.4	10.4	10.4
Copper	25		73.3	17.0	392	9.2	5.0	20.9	29.9	28.4
Iron	100		73700	14600	101000	4480	143	191	2990	1760
Lead	3		41.6	8.4	47.1	3.1	3.0	3.0	3.0	3.0
Magnesium	5000		101000	24000	106000	19000	23200	43700	29500	27400
Manganese	15		1620	439	2590	225	341	370	101	61.3
Mercury	0.2		0.20	0.20	0.56	0.20	0.20	0.20	0.20	0.20
Nickel	40		87.9	27.5	321	38.5	21.5	29.3	34.7	21.5
Potassium	5000		12000	3640	25100	3440	1820	1450	1450	1450
Selenium	5		25.0	5.0	25.0	5.0	5.0	5.0	5.0	5.0
Silver	10		5.7	5.7	5.7	5.7	29.9	5.7	5.8	5.7
Sodium	5000		11000	9020	19700	81000	3230	14100	2260	2110
Thallium	10		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Vanadium	50		87.7	14.7	102	7.9	7.9	7.9	7.9	7.9
Zinc	20		355	42.3	2830	12.3	5.3	23.2	22.7	16.6
Cyanide	10		NR	NR	NR	NR	NR	NR	NR	NR

Associated Method Blank: - - -
 Associated Equipment Blank: - - -
 Associated Field Blank: - - -

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JMW204XXXO
LAB NUMBER: 113-01
DATE SAMPLED: 01/15/92

ANALYTE	SOW-07/88	CRQL	
Aluminum	200	25700	E*
Antimony	60	54.2	U
Arsenic	10	5.0	UN
Barium	200	518	
Beryllium	5	2.5	U
Cadmium	5	4.1	U
Calcium	5000	89400	*
Chromium	10	67.1	U
Cobalt	50	21.1	U
Copper	25	58.6	
Iron	100	32000	
Lead	3	12.5	
Magnesium	5000	44100	
Manganese	15	887	
Mercury	0.2	0.20	U
Nickel	40	124	
Potassium	5000	10500	UW
Selenium	5	25.0	U
Silver	10	5.7	U
Sodium	5000	43600	
Thallium	10	5.0	UN
Vanadium	50	58.8	
Zinc	20	110	*
Cyanide	10	NR	

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

TABLE 2

Inorganic Aqueous Analysis (ug/L)

Table 2
Validation / Summary Table

ANALYTE	SOW-07/88	CRQL	JMW101AAXXO 066-07 01/14/92	JMW101BXXO 066-06 01/14/92	JMW102AAXXO 066-12 01/14/92	JMW102BXXO 066-08 01/14/92	JMW103XXXO 066-11 01/14/92	JMW104AAXXO 092-02 01/15/92	JMW104BXXO 092-04 01/15/92	JMW105AAXXO 066-09 01/14/92
Aluminum	200	8780	U	15400	34.1	586	985	10000	347	55.0
Antimony	60	42.2	U	42.2	42.2	42.2	42.2	42.2	42.2	42.2
Arsenic	10	5.0	UW	5.0	5.0	41.5	5.0	5.0	5.0	5.0
Barium	200	165	U	283	58.5	2.5	185	185	261	58.5
Beryllium	5	2.5	U	2.5	2.5	4.1	2.5	2.5	2.5	2.5
Cadmium	5	4.1	U	4.1	4.1	49600	4.1	4.1	4.1	4.1
Calcium	5000	77500	U	109000	30000	0.00	79000	85600	68800	47500
Chromium	10	43.0	U	53.0	9.1	9.1	9.1	49.1	10.4	9.1
Cobalt	50	10.4	U	12.3	10.4	10.4	10.4	10.4	10.4	10.4
Copper	25	29.9	U	77.8	5.0	5.0	12.0	21.6	7.7	5.0
Iron	100	12700	U	22200	338	775	1730	17200	2590	1060
Lead	3	13.0	U	17.8	3.0	3.0	3.0	11.9	3.0	3.0
Magnesium	5000	31100	U	46700	13300	21200	30200	44800	26400	22200
Manganese	15	275	U	884	18.7	28.9	84.2	347	1320	27.2
Mercury	0.2	0.20	U	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Nickel	40	45.6	U	45.6	21.5	21.5	21.5	21.5	21.5	21.5
Potassium	5000	3220	U	4540	1930	1450	1450	5830	1450	1450
Selenium	5	25.0	UW	5.0	5.0	25.0	25.0	25.0	5.0	25.0
Silver	10	5.7	U	5.7	5.7	5.7	5.7	5.7	5.0	5.7
Sodium	5000	8600	U	8290	3500	4430	2770	15000	47600	6650
Thallium	10	5.0	U	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Vanadium	50	8.2	U	24.7	7.9	7.9	7.9	19.8	7.9	7.9
Zinc	20	853	U	62.1	5.3	49.1	11.0	24200	6.6	41.4
Cyanide	10	NR	NR	NR	NR	NR	NR	NR	NR	NR

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Table 2
Validation / Summary Table

SAMPLE LOCATION:
LAB NUMBER: JMW105BXXO 066-10
DATE SAMPLED: 01/14/92

SAMPLE LOCATION:
LAB NUMBER: JMW107AXXO 113-02
DATE SAMPLED: 01/15/92

SAMPLE LOCATION:
LAB NUMBER: JMW107BXXO 092-01
DATE SAMPLED: 01/15/92

SAMPLE LOCATION:
LAB NUMBER: JMW2011XXXO 046-01
DATE SAMPLED: 01/14/92

SAMPLE LOCATION:
LAB NUMBER: JMW202XXXO 046-02
DATE SAMPLED: 01/14/92

SAMPLE LOCATION:
LAB NUMBER: JMW203XXXO 066-01
DATE SAMPLED: 01/14/92

SAMPLE LOCATION:
LAB NUMBER: JMW203XXXO 066-02
DATE SAMPLED: 01/14/92

ANALYTE	SOW-07/88	CRQL	JMW105BXXO	JMW107AXXO	JMW107BXXO	JMW2011XXXO	JMW202XXXO	JMW203XXXO	JMW203XXXO
Aluminum	200	200	45300	65900	2460	106	104	1710	800
Antimony	60	60	42.2 U	42.2 U	47.0 U	42.2 U	42.2 U	42.2 U	42.2 U
Arsenic	10	10	5.0 UW	19.7 N	5.0 UN	5.0 U	5.0 U	5.0 U	5.0 U
Barium	200	200	986	894	506	122 U	35.4 U	174 U	154 U
Beryllium	5	5	2.5 U	4.4 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cadmium	5	5	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U
Calcium	5000	5000	274000	253000	38900	53500	88500	73900	68500
Chromium	10	10	77.8	146 *	9.1 U*	9.1 U	9.1 U	43.6	38.9
Cobalt	50	50	30.7 U	48.1 U	10.4 U	10.4 U	18.4 U	10.4 U	10.4 U
Copper	25	25	73.3	392	9.2 U	5.0 U	20.9 U	29.9	28.4
Iron	100	100	73700	101000	4480	143	191	2990	1760
Lead	3	3	41.6 S	47.1	3.1 W	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	5000	5000	101000	106000	19000	23200	43700	29500	27400
Manganese	15	15	1620	2590	225	341	370	101	61.3
Mercury	0.2	0.2	0.20 U	0.56	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	40	40	87.9	321	38.5 U	21.5 U	29.3 U	34.7 U	21.5 U
Potassium	5000	5000	12000	25100	3440	1820 U	1450 U	1450 U	1450 U
Selenium	5	5	25.0 UW	25.0 UW	5.0 UW	5.0 U	5.0 UW	5.0 U	5.0 U
Silver	10	10	5.7 U	5.7 U	5.7 U	29.9	5.7 U	5.8 U	5.7 U
Sodium	5000	5000	11000	19700	81000	3230 U	14100	2260 U	2110 U
Thallium	10	10	5.0 UW	5.0 UNW	5.0 UN	5.0 U	5.0 U	5.0 U	5.0 U
Vanadium	50	50	87.7	102	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U
Zinc	20	20	355	2830 *	12.3 U*	5.3 U	23.2	22.7	16.6 U
Cyanide	10	10	NR	NR	NR	NR	NR	NR	NR

Associated Method Blank:
Associated Equipment Blank:
Associated Field Blank:

Table 2
Validation / Summary Table

SAMPLE LOCATION: JMW204XXX0
LAB NUMBER: 113-01
DATE SAMPLED: 01/15/92

ANALYTE	SOJ-07/88	CRQL	
Aluminum	200	25700	E*
Antimony	60	54.2	U
Arsenic	10	5.0	UN
Barium	200	518	
Beryllium	5	2.5	U
Cadmium	5	4.1	U
Calcium	5000	89400	
Chromium	10	67.1	*
Cobalt	50	21.1	U
Copper	25	58.6	
Iron	100	32000	
Lead	3	12.5	
Magnesium	5000	44100	
Manganese	15	887	
Mercury	0.2	0.20	U
Nickel	40	124	
Potassium	5000	10500	
Selenium	5	25.0	UN
Silver	10	5.7	U
Sodium	5000	43600	
Thallium	10	5.0	UN
Vanadium	50	58.8	
Zinc	20	110	*
Cyanide	10	NR	

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

TABLE 3

Inorganic Aqueous Analysis (ug/L)

Table 3
Summary Table

ANALYTE	SOM-07/88	CRQL	JMW101AXXO 066-07 01/14/92	JMW101BXXO 066-06 01/14/92	JMW102AXXO 066-12 01/14/92	JMW102BXXO 066-08 01/14/92	JMW103XXXO 066-11 01/14/92	JMW104AXXO 092-02 01/15/92	JMW104BXXO 092-04 01/15/92	JMW105AXXO 066-09 01/14/92
Aluminum	200		8780	15400		586	985	10000	347	
Antimony	60								E*	
Arsenic	10			283						
Barium	200								261	
Beryllium	5									
Cadmium	5									
Calcium	5000		77500	109000	30000	49600	79000	85600	68800	47500
Chromium	10		43.0	53.0		0.00		49.1	10.4	*
Cobalt	50									
Copper	25		29.9	77.8						
Iron	100		12700	22200	338	775	1730	17200	2590	1060
Lead	3		13.0	17.8				11.9		S
Magnesium	5000		31100	46700	13300	21200	30200	44800	26400	22200
Manganese	15		275	884	18.7	28.9	84.2	347	1320	27.2
Mercury	0.2									
Nickel	40		45.6	45.6						
Potassium	5000							5830		
Selenium	5									
Silver	10									
Sodium	5000		8600	8290				15000	47600	6650
Thallium	10									
Vanadium	50									
Zinc	20		853	62.1				24200		41.4
Cyanide	10		NR	NR	NR	49.1	NR	NR	NR	NR

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

Inorganic Aqueous Analysis (ug/L)

Table 3
Summary Table

ANALYTE	SOH-07/88	CRQL	JMW105BXXO 066-10 01/14/92	JMW106XXXO 092-03 01/15/92	JMW107AXXO 113-02 01/15/92	JMW107BXXO 092-01 01/15/92	JMW201XXXO 046-01 01/14/92	JMW202XXXO 046-02 01/14/92	JMW203XXXO 066-01 01/14/92	JMW203XXXO 066-02 01/14/92
Aluminum	200		45300	8810 E*	65900 E*	2460 E*	-	-	1710	800
Antimony	60		-	-	-	-	-	-	-	-
Arsenic	10		-	-	19.7 N	-	-	-	-	-
Barium	200		986	-	894	506	-	-	-	-
Beryllium	5		-	-	-	-	-	-	-	-
Cadmium	5		-	-	-	-	-	-	-	-
Calcium	5000		274000	91000	253000	38900	53500	88500	73900	68500
Chromium	10		77.8	34.6 *	146 *	9.1	-	-	43.6	38.9
Cobalt	50		-	-	-	-	-	-	-	-
Copper	25		73.3	-	392	-	-	-	-	-
Iron	100		73700	14400	101000	4480	143	191	29.9	28.4
Lead	3		41.6 S	8.4	47.1	3.1	-	2990	-	1760
Magnesium	5000		101000	24000	106000	19000	23200	43700	29500	27400
Manganese	15		1620	439	2590	225	341	370	101	61.3
Mercury	0.2		-	-	0.56	-	-	-	-	-
Nickel	40		87.9	-	321	-	-	-	-	-
Potassium	5000		12000	-	25100	-	-	-	-	-
Selenium	5		-	-	-	-	-	-	-	-
Silver	10		-	-	-	-	29.9	-	-	-
Sodium	5000		11000	9020	19700	81000	-	14100	-	-
Thallium	10		-	-	-	-	-	-	-	-
Vanadium	50		87.7	-	102	-	-	-	-	-
Zinc	20		355	42.3 *	2830 *	-	-	23.2	22.7	-
Cyanide	10		NR	NR	NR	NR	NR	NR	NR	NR

Associated Method Blank: -
Associated Equipment Blank: -
Associated Field Blank: -

PROJECT: North Lawrence
 Table 3
 Summary Table

Inorganic Aqueous Analysis (ug/L)

04/10/92

SAMPLE LOCATION: JMW204XXXO
 LAB NUMBER: 113-01
 DATE SAMPLED: 01/15/92

ANALYTE	SOW-07/88	CRQL	
Aluminum	200		25700 E*
Antimony	60		-
Arsenic	10		-
Barium	200		518
Beryllium	5		-
Cadmium	5		-
Calcium	5000		89400
Chromium	10		67.1 *
Cobalt	50		-
Copper	25		58.6
Iron	100		32000
Lead	3		12.5
Magnesium	5000		44100
Manganese	15		887
Mercury	.0.2		-
Nickel	40		124
Potassium	5000		10500
Selenium	5		-
Silver	10		-
Sodium	5000		43600
Thallium	10		-
Vanadium	50		58.8
Zinc	20		110 *
Cyanide	10		NR

Associated Method Blank: -
 Associated Equipment Blank: -
 Associated Field Blank: -