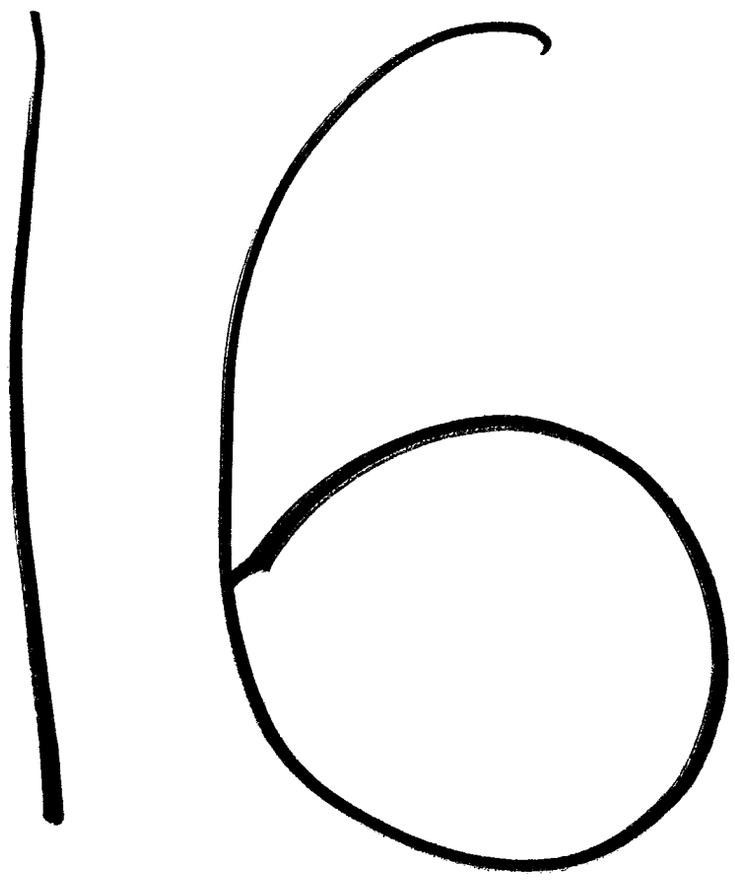

(16)

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

FINAL

REMEDIAL INVESTIGATION REPORT
VOLUME III
APPENDIX D THROUGH F

E.C. JORDAN CO.
MARCH 1993

FINAL
REMEDIAL INVESTIGATION REPORT
NORTH LAWRENCE OIL DUMP SITE

VOLUME III
APPENDICES D THROUGH F

APPENDIX D

SECOND PHASE DATA TABLES

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 were 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.

APPENDIX D-1

SECOND PHASE SOIL BORINGS

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

VOLATILE ORGANIC DATA

TABLE 1

PROJECT: North Lawrence

Volatile Organic Soil Analysis (ug/kg)

04/02/92

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JSB201004X LAB NUMBER: 1046201 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/26/91	SAMPLE LOCATION: JSB202004X LAB NUMBER: 1046204 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/25/91	SAMPLE LOCATION: JSB203002X LAB NUMBER: 1046202 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/25/91	SAMPLE LOCATION: JSB204004X LAB NUMBER: 1048101 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/25/91	SAMPLE LOCATION: JSB205002D LAB NUMBER: 1048105 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91	SAMPLE LOCATION: JSB205002D LAB NUMBER: 1048105 D DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91	SAMPLE LOCATION: JSB205002X LAB NUMBER: 1048104 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91	SAMPLE LOCATION: JSB206004X LAB NUMBER: 1048107 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/27/91
Chloromethane	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	13 U
Bromomethane	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	13 U
Vinyl Chloride	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	13 U
Chloroethane	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	13 U
Methylene Chloride	5	5 J	5 J	4 J	5 J	7	18 DJ	5 U	10
Acetone	10	25	11 U	11 U	12 U	12 U	58 U	11 U	13 U
Carbon Disulfide	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
1,1-Dichloroethene	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
1,1-Dichloroethane	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
1,2-Dichloroethene (total)	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Chloroform	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
1,2-Dichloroethane	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
2-Butanone	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	13 U
1,1,1-Trichloroethane	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Carbon Tetrachloride	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Vinyl Acetate	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	13 U
Bromodichloromethane	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
1,2-Dichloropropane	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
cis-1,3-Dichloropropene	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Trichloroethene	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Dibromochloromethane	5	5 U	6 U	5 U	6 U	78	220 D	22	740 E
1,1,2-Trichloroethane	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Benzene	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
trans-1,3-Dichloropropene	5	5 U	6 U	5 U	6 U	3 J	29 U	5 U	74
Bromoform	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
4-Methyl-2-Pentanone	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	13 U
2-Hexanone	10	11 U	11 U	11 U	12 U	12 U	58 U	11 U	69
Tetrachloroethene	5	2 J	6 U	5 U	9	410 E	1200 DE	170	1200 E
1,1,2,2-Tetrachloroethane	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Toluene	5	5 U	6 U	5 U	6 U	170	390 D	5 U	750 E
Chlorobenzene	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Ethylbenzene	5	5 U	6 U	5 U	10	42	120 D	5 U	150
Styrene	5	5 U	6 U	5 U	6 U	6 U	29 U	5 U	6 U
Total Xylenes	5	5 U	6 U	5 U	79	210	780 D	5 U	810 E
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	86	91	80
Associated Method Blank:		-	-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSB206004X	JSB207004X	JSB207004X
	LAB NUMBER:	1048107 D	1048117	1048117 D
	DATE SAMPLED:	11/19/91	11/19/91	11/19/91
	DATE ANALYZED:	11/27/91	11/27/91	11/27/91
ANALYTE	SOW-02/88 CRQL			
Chloromethane	10	63 U	11 U	54 U
Bromomethane	10	63 U	11 U	54 U
Vinyl Chloride	10	63 U	11 U	54 U
Chloroethane	10	63 U	11 U	54 U
Methylene Chloride	5	22 DJ	4 J	14 DJ
Acetone	10	63 U	11 U	54 U
Carbon Disulfide	5	31 U	5 U	27 U
1,1-Dichloroethene	5	31 U	5 U	27 U
1,1-Dichloroethane	5	31 U	5 U	27 U
1,2-Dichloroethene (total)	5	31 U	5 U	27 U
Chloroform	5	31 U	5 U	27 U
1,2-Dichloroethane	5	31 U	5 U	27 U
2-Butanone	10	63 U	11 U	54 U
1,1,1-Trichloroethane	5	31 U	5 U	27 U
Carbon Tetrachloride	5	31 U	5 U	27 U
Vinyl Acetate	10	63 U	11 U	54 U
Bromodichloromethane	5	31 U	5 U	27 U
1,2-Dichloropropane	5	31 U	5 U	27 U
cis-1,3-Dichloropropene	5	31 U	5 U	27 U
Trichloroethene	5	630 D	180	930 D
Dibromochloromethane	5	31 U	5 U	27 U
1,1,2-Trichloroethane	5	31 U	5 U	27 U
Benzene	5	61 D	3 J	11 DJ
trans-1,3-Dichloropropene	5	31 U	5 U	27 U
Bromoform	5	31 U	5 U	27 U
4-Methyl-2-Pentanone	10	63 U	11 U	54 U
2-Hexanone	10	63 U	11 U	54 U
Tetrachloroethene	5	1600 DE	280 E	1600 DE
1,1,2,2-Tetrachloroethane	5	31 U	5 U	27 U
Toluene	5	1100 D	200	1100 D
Chlorobenzene	5	31 U	5 U	27 U
Ethylbenzene	5	230 D	89	500 D
Styrene	5	31 U	5 U	27 U
Total Xylenes	5	230 D	540 E	3200 DE
Dilution Factor:		1.00	1.00	1.00
Percent Solids:		80	92	92
Associated Method Blank:		-	-	-
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-
Associated Trip Blank:		-	-	-

TABLE 2

PROJECT: North Lawrence

Volatile Organic Soil Analysis (ug/kg)

04/02/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JSB201004X LAB NUMBER: 1046201 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/26/91	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	JSB207004X 1048117 11/19/91 11/27/91
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	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,1-Dichloroethene	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,1-Dichloroethane	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,2-Dichloroethene (total)	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Chloroform	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,2-Dichloroethane	5	5 U	6 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	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Carbon Tetrachloride	5	5 U	6 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	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
1,2-Dichloropropane	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
cis-1,3-Dichloropropene	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Trichloroethene	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Dibromochloromethane	5	5 U	6 U	5 U	6 U	78 J	22	630 D	180
1,1,2-Trichloroethane	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Benzene	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
trans-1,3-Dichloropropene	5	5 U	6 U	5 U	6 U	3 JJ	5 U	74 J	3 J
Bromoform	5	5 U	6 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	69 J	11 U
2-Hexanone	10	11 U	11 U	11 U	12 U	12 UJ	11 U	13 UJ	11 U
Tetrachloroethene	5	2 J	6 U	5 U	9	1200 DEJ	170	1600 DEJ	1600 DEJ
1,1,2,2-Tetrachloroethane	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Toluene	5	5 U	6 U	5 U	6 U	170 J	5 U	1100 D	200
Chlorobenzene	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Ethylbenzene	5	5 U	6 U	5 U	10	42 J	5 U	150 J	89
Styrene	5	5 U	6 U	5 U	6 U	6 UJ	5 U	6 UJ	5 U
Total Xylenes	5	5 U	6 U	5 U	79	210 J	5 U	230 D	3200 DEJ
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

PROJECT: North Lawrence

Volatile Organic Soil Analysis (ug/kg)

04/02/92

Table 3
Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JSB201004X LAB NUMBER: 1046201 DATE SAMPLED: 11/19/91 DATE ANALYZED: 11/26/91	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	JSB207004X 1048117 11/19/91 11/27/91
Chloromethane	10	-	-	-	-	-	-	-	-
Bromomethane	10	-	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	-	-	-	-
Acetone	10	25	-	-	-	7 J	-	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	-	-	-	-	-	-	-	-
Dibromochloromethane	5	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	5	-	-	-	-	78 J	22	630 D	180
Benzene	5	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	5	-	-	-	-	-	-	-	-
Bromoform	5	-	-	-	-	-	-	74 J	-
4-Methyl-2-Pentanone	10	-	-	-	-	-	-	-	-
2-Hexanone	10	-	-	-	-	-	-	-	-
Tetrachloroethene	5	-	-	-	-	-	-	69 J	-
1,1,2,2-Tetrachloroethane	5	-	-	-	9	1200 DEJ	170	1600 DEJ	1600 DEJ
Toluene	5	-	-	-	-	-	-	-	-
Chlorobenzene	5	-	-	-	-	170 J	-	1100 D	200
Ethylbenzene	5	-	-	-	-	-	-	-	-
Styrene	5	-	-	-	10	42 J	-	150 J	89
Total Xylenes	5	-	-	-	-	-	-	-	-
		-	-	-	79	210 J	-	230 D	3200 DEJ
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

PROJECT: North Lawrence

Semivolatile Organic Soil Analysis (ug/kg)

04/02/92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSB201004X	JSB202000X	JSB203002X	JSB204004X	JSB205002D	JSB205002X	JSB206000X	JSB207002X
	LAB NUMBER:	1046201	1045542	1046202	1048101	1048105	1048104	1048106	1048114
	DATE SAMPLED:	11/19/91	11/17/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91
	DATE EXTRACTED:	11/22/91	11/21/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91
	DATE ANALYZED:	12/12/91	12/18/91	12/12/91	12/16/91	12/19/91	12/19/91	12/20/91	12/20/91
ANALYTE	SOW-02/88 CRQL								
Phenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
bis(2-Chloroethyl)ether	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2-Chlorophenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
1,3-Dichlorobenzene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
1,4-Dichlorobenzene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Benzyl Alcohol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
1,2-Dichlorobenzene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2-Methylphenol	330	360 U	730 U	360 U	410 U	530 J	790 J	230 J	390 J
bis(2-Chloroisopropyl)ether	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
4-Methylphenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
N-Nitroso-di-n-propylamine	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Hexachloroethane	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Nitrobenzene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Isophorone	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2-Nitrophenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2,4-Dimethylphenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Benzoic Acid	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
bis(2-Chloroethoxy)methane	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2,4-Dichlorophenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
1,2,4-Trichlorobenzene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Naphthalene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
4-Chloroaniline	330	360 U	730 U	360 U	190 J	4800	9200	910 J	5000
Hexachlorobutadiene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
4-Chloro-3-Methylphenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2-Methylnaphthalene	330	68 J	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Hexachlorocyclopentadiene	330	360 U	730 U	360 U	360 J	8900	13000	1500 J	6600
2,4,6-Trichlorophenol	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
2,4,5-Trichlorophenol	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
2-Chloronaphthalene	330	360 U	730 U	360 U	410 U	69 J	1500 U	4000 U	530 U
2-Nitroaniline	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 U
Dimethylphthalate	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Acenaphthylene	330	360 U	730 U	360 U	410 U	150 J	220 J	4000 U	120 J
2,6-Dinitrotoluene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U

PROJECT: North Lawrence

Semivolatile Organic Soil Analysis (ug/kg)

04/02/92

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JSB201004X LAB NUMBER: 1046201 DATE SAMPLED: 11/19/91 DATE EXTRACTED: 11/22/91 DATE ANALYZED: 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	20000 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	200 J	250 J	4000 U	150 J
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	150 J	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	580 J	760 J	4000 U	390 J
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	430 J	550 J	4000 U	540
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	520 J	1000
Anthracene	330	6 J	730 U	360 U	8 J	93 J	190 J	140 J	91 J
Di-n-butylphthalate	330	81 J	240 J	49 J	410 U	170 J	170 J	510 J	110 J
Fluoranthene	330	28 J	730 U	360 U	410 U	230 J	79 J	250 J	530 U
Pyrene	330	67 J	730 U	360 U	410 U	570 J	550 J	980 J	370 J
Butylbenzylphthalate	330	360 U	730 U	360 U	410 U	1500 U	1500 U	750 J	530 U
3,3'-Dichlorobenzidine	660	720 U	1500 U	720 U	820 U	3100 U	2900 U	8100 U	1100 U
Benzo(a)Anthracene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
Chrysene	330	39 J	730 U	360 U	410 U	210 J	390 J	360 J	140 J
bis(2-Ethylhexyl)phthalate	330	94 J	65 J	71 J	1300 B	1500 U	2900 B	2100 BJ	1800 B
Di-n-octylphthalate	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 U
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

PROJECT: North Lawrence

Semivolatile Organic Soil Analysis (ug/kg)

04/02/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION:	JSB201004X	JSB202000X	JSB203002X	JSB204004X	JSB205002D	JSB205002X	JSB206000X	JSB207002X
		LAB NUMBER:	1046201	1045542	1046202	1048101	1048105	1048104	1048106	1048114
		DATE SAMPLED:	11/19/91	11/17/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91
		DATE EXTRACTED:	11/22/91	11/21/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91
		DATE ANALYZED:	12/12/91	12/18/91	12/12/91	12/16/91	12/19/91	12/19/91	12/20/91	12/20/91
Phenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
bis(2-Chloroethyl)ether	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2-Chlorophenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
1,3-Dichlorobenzene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
1,4-Dichlorobenzene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Benzyl Alcohol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
1,2-Dichlorobenzene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2-Methylphenol	330		360 U	730 U	360 U	410 U	530 J	790 J	230 J	390 J
bis(2-Chloroisopropyl)ether	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
4-Methylphenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
N-Nitroso-di-n-propylamine	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Hexachloroethane	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Nitrobenzene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Isophorone	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2-Nitrophenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2,4-Dimethylphenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Benzoic Acid	1600		1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
bis(2-Chloroethoxy)methane	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2,4-Dichlorophenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
1,2,4-Trichlorobenzene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Naphthalene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
4-Chloroaniline	330		360 U	730 U	360 U	190 J	4800	9200	910 J	5000 J
Hexachlorobutadiene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
4-Chloro-3-Methylphenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2-Methylnaphthalene	330		68 J	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Hexachlorocyclopentadiene	330		360 U	730 U	360 U	360 J	8900	13000	1500 J	6600 J
2,4,6-Trichlorophenol	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2,4,5-Trichlorophenol	1600		1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
2-Chloronaphthalene	330		360 U	730 U	360 U	410 U	69 J	1500 U	4000 U	530 UJ
2-Nitroaniline	1600		1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
Dimethylphthalate	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Acenaphthylene	330		360 U	730 U	360 U	410 U	150 J	220 J	4000 U	120 J
2,6-Dinitrotoluene	330		360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ

PROJECT: North Lawrence

Semivolatile Organic Soil Analysis (ug/kg)

04/02/92

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	JSB201004X	JSB202000X	JSB203002X	JSB204004X	JSB205002D	JSB205002X	JSB206000X	JSB207002X
	LAB NUMBER:	1046201	1045542	1046202	1048101	1048105	1048104	1048106	1048114
	DATE SAMPLED:	11/19/91	11/17/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91
	DATE EXTRACTED:	11/22/91	11/21/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91	11/22/91
	DATE ANALYZED:	12/12/91	12/18/91	12/12/91	12/16/91	12/19/91	12/19/91	12/20/91	12/20/91
ANALYTE	SOW-02/88 CRQL								
3-Nitroaniline	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
Acenaphthene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
2,4-Dinitrophenol	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
4-Nitrophenol	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
Dibenzofuran	330	360 U	730 U	360 U	410 U	200 J	250 J	4000 U	150 J
2,4-Dinitrotoluene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Diethylphthalate	330	100 J	730 U	360 U	410 U	1500 U	150 J	4000 U	530 UJ
4-Chlorophenyl-phenylether	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Fluorene	330	18 J	730 U	360 U	410 U	580 J	760 J	4000 U	390 J
4-Nitroaniline	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
4,6-Dinitro-2-methylphenol	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
N-Nitrosodiphenylamine	330	360 U	730 U	360 U	410 U	430 J	550 J	4000 U	540 J
4-Bromophenyl-phenylether	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Hexachlorobenzene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Pentachlorophenol	1600	1700 U	3600 U	1700 U	2000 U	7400 U	7000 U	20000 U	2600 UJ
Phenanthrene	330	88 J	730 U	360 U	82 J	1300 J	1700	520 J	1000 J
Anthracene	330	6 J	730 U	360 U	8 J	93 J	190 J	140 J	91 J
Di-n-butylphthalate	330	81 J	240 J	49 J	410 U	170 J	170 J	510 J	110 J
Fluoranthene	330	28 J	730 U	360 U	410 U	230 J	79 J	250 J	530 UJ
Pyrene	330	67 J	730 U	360 U	410 U	570 J	550 J	980 J	370 J
Butylbenzylphthalate	330	360 U	730 U	360 U	410 U	1500 U	1500 U	750 J	530 UJ
3,3'-Dichlorobenzidine	660	720 U	1500 U	720 U	820 U	3100 U	2900 U	8100 U	1100 UJ
Benzo(a)Anthracene	330	360 U	730 U	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Chrysene	330	39 J	730 U	360 U	410 U	210 J	390 J	360 J	140 J
bis(2-Ethylhexyl)phthalate	330	94 J	65 J	71 J	1300 B	1500 U	2900 B	2100 BJ	1800 UBJ
Di-n-octylphthalate	330	360 U	730 UJ	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Benzo(b)Fluoranthene	330	360 U	730 UJ	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Benzo(k)Fluoranthene	330	360 U	730 UJ	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Benzo(a)Pyrene	330	360 U	730 UJ	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Indeno(1,2,3-c,d)Pyrene	330	360 U	730 UJ	360 U	410 U	1500 U	170 J	4000 U	530 UJ
Dibenz(a,h)Anthracene	330	360 U	730 UJ	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
Benzo(g,h,i)perylene	330	360 U	730 UJ	360 U	410 U	1500 U	1500 U	4000 U	530 UJ
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 3

PROJECT: North Lawrence

Semivolatile Organic Soil Analysis (ug/kg)

04/02/92

Table 3
Summary Table

ANALYTE	SOW-02/88 CRQL	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
SAMPLE LOCATION:									
LAB NUMBER:									
DATE SAMPLED:									
DATE EXTRACTED:									
DATE ANALYZED:									
Phenol	330	-	-	-	-	-	-	-	-
bis(2-Chloroethyl)ether	330	-	-	-	-	-	-	-	-
2-Chlorophenol	330	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	330	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	330	-	-	-	-	-	-	-	-
Benzyl Alcohol	330	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	330	-	-	-	-	-	-	-	-
2-Methylphenol	330	-	-	-	-	-	-	-	-
bis(2-Chloroisopropyl)ether	330	-	-	-	-	-	-	-	-
4-Methylphenol	330	-	-	-	-	-	-	-	-
N-Nitroso-di-n-propylamine	330	-	-	-	-	-	-	-	-
Hexachloroethane	330	-	-	-	-	-	-	-	-
Nitrobenzene	330	-	-	-	-	-	-	-	-
Isophorone	330	-	-	-	-	-	-	-	-
2-Nitrophenol	330	-	-	-	-	-	-	-	-
2,4-Dimethylphenol	330	-	-	-	-	-	-	-	-
Benzoic Acid	1600	-	-	-	-	-	-	-	-
bis(2-Chloroethoxy)methane	330	-	-	-	-	-	-	-	-
2,4-Dichlorophenol	330	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	330	-	-	-	-	-	-	-	-
Naphthalene	330	-	-	-	-	-	-	-	-
4-Chloroaniline	330	-	-	-	-	-	-	-	-
Hexachlorobutadiene	330	-	-	-	-	4800	9200	-	-
4-Chloro-3-Methylphenol	330	-	-	-	-	-	-	-	5000
2-Methylnaphthalene	330	-	-	-	-	-	-	-	-
Hexachlorocyclopentadiene	330	-	-	-	-	-	-	-	-
2,4,6-Trichlorophenol	330	-	-	-	-	8900	13000	-	-
2,4,5-Trichlorophenol	1600	-	-	-	-	-	-	-	6600
2-Chloronaphthalene	330	-	-	-	-	-	-	-	-
2-Nitroaniline	1600	-	-	-	-	-	-	-	-
Dimethylphthalate	330	-	-	-	-	-	-	-	-
Acenaphthylene	330	-	-	-	-	-	-	-	-
2,6-Dinitrotoluene	330	-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Semivolatile Organic Soil Analysis (ug/kg)

04/02/92

Table 3
Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JSB201004X LAB NUMBER: 1046201 DATE SAMPLED: 11/19/91 DATE EXTRACTED: 11/22/91 DATE ANALYZED: 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	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	540 J
Pentachlorophenol	1600	-	-	-	-	-	-	-	-
Phenanthrene	330	-	-	-	-	-	-	-	-
Anthracene	330	-	-	-	-	-	-	-	-
Di-n-butylphthalate	330	-	-	-	-	-	1700	-	1000 J
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	-	-	-	1300 B	-	2900 B	-	-
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	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:		-	-	-	-	-	-	-	-

PESTICIDE AND POLYCHLORINATED BIPHENYL DATA

TABLE 1

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSB201000X	JSB201006X	JSB202004X	JSB203000X	JSB204000X	JSB205002X	JSB206004X	JSB207000D
	LAB NUMBER:	1045538	1046203	1046204	1045543	1045539	1048104	1048107	1048113
	DATE SAMPLED:	11/17/91	11/19/91	11/19/91	11/17/91	11/17/91	11/19/91	11/19/91	11/19/91
	DATE EXTRACTED:	11/20/91	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	12/19/91	02/19/91	12/18/91	12/18/91	12/21/91	12/21/91	12/21/91
ANALYTE	SOW-02/88 CRQL								
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
Toxaphene	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	2800	260 U	89 U	460 U	970 U	350 U	600 U	470 U
Aroclor-1254	160	920 U	250 J	180 U	920 U	9700	3300	2500	4300
Aroclor-1260	160	1800	530 U	180 U	1000	1900 U	700 U	1200 U	930 U
						5500	1700	1600	3000
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:		-	-	-	-	-	-	-	-

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	SOW-02/88 CRQL		
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	
Aroclor-1254	160	1500	U
Aroclor-1260	160	5700	
Dilution Factor:		5.00	
Percent Solids:		54	
Associated Method Blank:		-	
Associated Equipment Blank:		-	
Associated Field Blank:		-	

TABLE 2

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION:	JSB201000X	JSB201006X	JSB202004X	JSB203000X	JSB204000X	JSB205002X	JSB206004X	JSB207000D
		LAB NUMBER:	1045538	1046203	1046204	1045543	1045539	1048104	1048107	1048113
		DATE SAMPLED:	11/17/91	11/19/91	11/19/91	11/17/91	11/17/91	11/19/91	11/19/91	11/19/91
		DATE EXTRACTED:	11/20/91	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	12/19/91	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	700 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
Toxaphene	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		2800	260 U	89 U	460 U	9700	3300	2500	4300
Aroclor-1254	160		920 U	250 J	180 U	920 U	1900 U	700 U	1200 U	930 U
Aroclor-1260	160		1800	530 U	180 U	1000	5500	1700	1600	3000
		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:	-	-	-	-	-	-	-	-

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	SOW-02/88 CRQL		
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	J
Aroclor-1254	160	1500	U
Aroclor-1260	160	5700	J
Dilution Factor:		5.00	
Percent Solids:		54	
Associated Method Blank:		-	
Associated Equipment Blank:		-	
Associated Field Blank:		-	

TABLE 3

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 3
Summary Table

SAMPLE LOCATION:		JSB201000X	JSB201006X	JSB202004X	JSB203000X	JSB204000X	JSB205002X	JSB206004X	JSB207000D
LAB NUMBER:		1045538	1046203	1046204	1045543	1045539	1048104	1048107	1048113
DATE SAMPLED:		11/17/91	11/19/91	11/19/91	11/17/91	11/17/91	11/19/91	11/19/91	11/19/91
DATE EXTRACTED:		11/20/91	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	12/19/91	02/19/91	12/18/91	12/18/91	12/21/91	12/21/91	12/21/91
ANALYTE	SOW-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	-	-	-	-	-	-	-	-
Aroclor-1254	160	2800	-	-	-	9700	3300	2500	4300
Aroclor-1260	160	1800	-	-	1000	5500	1700	1600	3000
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:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 3
Summary Table

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

ANALYTE	SOW-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	-
Aroclor-1254	160	6900
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

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 1
Laboratory Report of Analysis

ANALYTE	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
Total Organic Carbon (TOC)	19450	98250	57500	32600	20600	54200	48400	139000

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 2
Validation/Summary Table

SAMPLE LOCATION:	JSB201000X	JSB204000X	JSB209000X	JSB204000D
LAB NUMBER:	10455038	10455039	10455040	10455041
DATE SAMPLED:	11/17/91	11/17/91	11/17/91	11/17/91
ANALYTE				
Total Organic Carbon (TOC)	78300	95900	147000	835000 J

TABLE 3

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 2
Validation/Summary Table

ANALYTE	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
Total Organic Carbon (TOC)	19450	98250	57500	32600	20600	54200	48400	139000

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 3
Summary Table

SAMPLE LOCATION:	JSB201000X	JSB204000X	JSB209000X	JSB204000D
LAB NUMBER:	10455038	10455039	10455040	10455041
DATE SAMPLED:	11/17/91	11/17/91	11/17/91	11/17/91
ANALYTE				
Total Organic Carbon (TOC)	78300	95900	147000	835000 J

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 3
Summary Table

ANALYTE	SAMPLE LOCATION:	JSB203000X	JSB208000X	JSB210000X	JSB201006X	JSB202004X	JSB205002X	JSB206004X	JSB207000X
	LAB NUMBER:	10455043	10455044	10455045	N1046203	N1046204	N1048104	N1048107	N1048110
	DATE SAMPLED:	11/17/91	11/17/91	11/17/91	11/19/91	11/19/91	11/19/91	11/19/91	11/19/91
Total Organic Carbon (TOC)		19450	98250	57500	32600	20600	54200	48400	139000

APPENDIX D-2

SECOND PHASE GROUNDWATER

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

VOLATILE ORGANIC DATA

TABLE 1

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW101AXX0	JMW101BXX0	JMW102AXX0	JMW102BXX0	JMW103XXX0	JMW104AXX0	JMW104BXX0	JMW105AXX0
		LAB NUMBER: 1106607	1106606	1106612	1106608	1106611	1109202	1109204	1106609
		DATE SAMPLED: 01/14/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92	01/14/92
		DATE ANALYZED: 01/17/92	01/17/92	01/20/92	01/17/92	01/17/92	01/20/92	01/20/92	02/05/92
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 BJ	2 BJ	5 U	2 BJ	1 BJ	5 U	5 U	2 BJ
Acetone	10	2 BJ	2 BJ	10 B	4 BJ	5 BJ	10 U	10 U	10 U
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	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J
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	34	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	14	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	5 U	1 J	5 U	1 J	5 U	5 U	5 U	1 J
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:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW105BXX0	JMW106XXX0	JMW107AXX0	JMW107BXX0	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
		LAB NUMBER: 1106610	1109203	1111302	1109201	1104601	1104602	1106601	1106602
		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
		DATE ANALYZED: 02/05/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	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 BJ	5 U	5 U	5 U	5 U	5 U	11 B	6 BJ
Acetone	10	24 B	10 U	10 U	10 U	10 U	10 U	5 U	5 U
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 U	10 U	10 U	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	1 J
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:		-	-	-	-	-	-	-	-

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW204XXX0	JTR001XXX0	JTR002BXX0	JTR003XXX0	JTR004XXX0	JTR005XXX0	JTR006XXX0
		LAB NUMBER: 1111301	1104603	1106613	1106015	1106614	1109205	1111303
		DATE SAMPLED: 01/15/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92
		DATE ANALYZED: 01/22/92	01/18/92	01/20/92	01/20/92	01/20/92	01/20/92	01/22/92
Chloromethane	10	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
Vinyl Chloride	10	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
Methylene Chloride	5	5 U	5 U	5 U	1 J	2 J	5 U	5 U
Acetone	10	10 U	10 U	12 B	3 BJ	6 BJ	10 U	10 U
Carbon Disulfide	5	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
1,1-Dichloroethane	5	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
Chloroform	5	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
2-Butanone	10	10 U	10 U	10 U	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
Carbon Tetrachloride	5	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
Bromodichloromethane	5	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
cis-1,3-Dichloropropene	5	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
Dibromochloromethane	5	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
Benzene	5	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
Bromoform	5	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
2-Hexanone	10	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
1,1,2,2-Tetrachloroethane	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	5	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
Ethylbenzene	5	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
Total Xylenes	5	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
Associated Method Blank:		-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-

Table 1
Laboratory Report of Analysis

SAMPLE LOCATION: JSB001XXX0
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-Dichloroethene	5	5	U
1,1-Dichloroethane	5	5	U
1,2-Dichloroethene (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 2

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW101AXX0	JMW101BXX0	JMW102AXX0	JMW102BXX0	JMW103XXX0	JMW104AXX0	JMW104BXX0	JMW105AXX0
		LAB NUMBER: 1106607	1106606	1106612	1106608	1106611	1109202	1109204	1106609
		DATE SAMPLED: 01/14/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92	01/14/92
		DATE ANALYZED: 01/17/92	01/17/92	01/20/92	01/17/92	01/17/92	01/20/92	01/20/92	02/05/92
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 BJ	2 BJ	5 U	2 BJ	1 BJ	5 U	10 U	10 U
Acetone	10	2 BJ	2 BJ	10 B	4 BJ	5 BJ	10 UJ	10 UJ	2 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	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	1 J
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	34	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	14	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	5 U	1 J	5 U	1 J	5 U	5 U	5 U	1 J
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:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW105BXX0	JMW106XXX0	JMW107AXX0	JMW107BXX0	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
		LAB NUMBER: 1106610	1109203	1111302	1109201	1104601	1104602	1106601	1106602
		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
		DATE ANALYZED: 02/05/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	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 BJ	5 U	5 U	5 U	5 U	5 U	5 U	1 BJ
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 U	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	1 J
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:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW204XXX0 LAB NUMBER: 1111301 DATE SAMPLED: 01/15/92 DATE ANALYZED: 01/22/92	JTR001XXX0 1104603 01/14/92 01/18/92	JTR002BXX0 1106613 01/14/92 01/20/92	JTR003XXX0 1106015 01/14/92 01/20/92	JTR004XXX0 1106614 01/14/92 01/20/92	JTR005XXX0 1109205 01/15/92 01/20/92	JTR006XXX0 1111303 01/15/92 01/22/92
Chloromethane	10	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
Vinyl Chloride	10	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
Methylene Chloride	5	5 U	5 U	5 U	1 J	2 J	5 U	5 U
Acetone	10	10 UJ	10 U	12 B	3 BJ	6 BJ	10 UJ	10 UJ
Carbon Disulfide	5	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
1,1-Dichloroethane	5	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
Chloroform	5	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
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
1,1,1-Trichloroethane	5	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
Vinyl Acetate	10	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
1,2-Dichloropropane	5	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
Trichloroethene	5	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
1,1,2-Trichloroethane	5	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
trans-1,3-Dichloropropene	5	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
4-Methyl-2-Pentanone	10	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
Tetrachloroethene	5	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
Toluene	5	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
Ethylbenzene	5	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
Total Xylenes	5	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
Associated Method Blank:		-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-

TABLE 3

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 3
Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW101AXX0	JMW101BXX0	JMW102AXX0	JMW102BXX0	JMW103XXX0	JMW104AXX0	JMW104BXX0	JMW105AXX0
		LAB NUMBER: 1106607	1106606	1106612	1106608	1106611	1109202	1109204	1106609
		DATE SAMPLED: 01/14/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92	01/14/92
		DATE ANALYZED: 01/17/92	01/17/92	01/20/92	01/17/92	01/17/92	01/20/92	01/20/92	02/05/92
Chloromethane	10	-	-	-	-	-	-	-	-
Bromomethane	10	-	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	-	-	-	-
Acetone	10	-	-	-	-	-	-	-	-
Carbon Disulfide	5	-	-	10 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	-	-	-	-	-	-	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	1.00	1.00	1.00
Associated Method Blank:		-	-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-
Associated Trip Blank:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 3
Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW105BXX0	JMW106XXX0	JMW107AXX0	JMW107BXX0	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
		LAB NUMBER: 1106610	1109203	1111302	1109201	1104601	1104602	1106601	1106602
		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
		DATE ANALYZED: 02/05/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	01/20/92	01/17/92
Chloromethane	10	-	-	-	-	-	-	-	-
Bromomethane	10	-	-	-	-	-	-	-	-
Vinyl Chloride	10	-	-	-	-	-	-	-	-
Chloroethane	10	-	-	-	-	-	-	-	-
Methylene Chloride	5	-	-	-	-	-	-	-	-
Acetone	10	24 B	-	-	-	-	-	-	-
Carbon Disulfide	5	-	-	-	-	-	-	11 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	-	-	-	-	-	-	-	-
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:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Volatile Organic Aqueous Analysis (ug/L)

04/10/92

Table 3
Summary Table

	SAMPLE LOCATION:	JMW204XXX0	JTR001XXX0	JTR002BXX0	JTR003XXX0	JTR004XXX0	JTR005XXX0	JTR006XXX0
	LAB NUMBER:	1111301	1104603	1106613	1106015	1106614	1109205	1111303
	DATE SAMPLED:	01/15/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92
	DATE ANALYZED:	01/22/92	01/18/92	01/20/92	01/20/92	01/20/92	01/20/92	01/22/92
ANALYTE	SOW-02/88 CRQL							
Chloromethane	10	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
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:		-	-	-	-	-	-	-

SEMIVOLATILE ORGANIC DATA

TABLE 1

PROJECT: North Lawrence

Semivolatile Organic Aqueous Analysis (ug/L)

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
	LAB NUMBER:	1104601	1104602	1106601	1106602
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92
	DATE EXTRACTED:	01/16/92	01/16/92	01/20/92	01/20/92
	DATE ANALYZED:	01/31/92	01/31/92	01/31/92	01/31/92
ANALYTE	SOW-02/88 CRQL				
Phenol	10	10 U	10 U	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U
Benzyl Alcohol	10	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U
bis(2-Chloroisopropyl)ether	10	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U
Benzoic Acid	50	50 U	50 U	50 U	50 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	50	50 U	50 U	50 U	50 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U
2-Nitroaniline	50	50 U	50 U	50 U	50 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
	LAB NUMBER:	1104601	1104602	1106601	1106602
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92
	DATE EXTRACTED:	01/16/92	01/16/92	01/20/92	01/20/92
	DATE ANALYZED:	01/31/92	01/31/92	01/31/92	01/31/92
ANALYTE	SOW-02/88 CRQL				
3-Nitroaniline	50	50 U	50 U	50 U	50 U
Acenaphthene	10	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	50	50 U	50 U	50 U	50 U
4-Nitrophenol	50	50 U	50 U	50 U	50 U
Dibenzofuran	10	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U
4-Nitroaniline	50	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	50	50 U	50 U	50 U	50 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U
Pentachlorophenol	50	50 U	50 U	50 U	50 U
Phenanthrene	10	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	1 BJ	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	20	20 U	20 U	20 U	20 U
Benzo(a)Anthracene	10	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	10	8 J	5 J	9 J
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U
Dilution Factor:		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:	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		
Phenol	10	10 U	10 U
bis(2-Chloroethyl)ether	10	10 U	10 U
2-Chlorophenol	10	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U
Benzyl Alcohol	10	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U
2-Methylphenol	10	10 U	10 U
bis(2-Chloroisopropyl)ether	10	10 U	10 U
4-Methylphenol	10	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U
Hexachloroethane	10	10 U	10 U
Nitrobenzene	10	10 U	10 U
Isophorone	10	10 U	10 U
2-Nitrophenol	10	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U
Benzoic Acid	50	50 U	50 U
bis(2-Chloroethoxy)methane	10	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U
1,2,4-Trichlorobenzene	10	10 U	10 U
Naphthalene	10	10 U	10 U
4-Chloroaniline	10	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U
2,4,6-Trichlorophenol	10	10 U	10 U
2,4,5-Trichlorophenol	50	50 U	50 U
2-Chloronaphthalene	10	10 U	10 U
2-Nitroaniline	50	50 U	50 U
Dimethylphthalate	10	10 U	10 U
Acenaphthylene	10	10 U	10 U
2,6-Dinitrotoluene	10	10 U	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	50 U	50 U
Acenaphthene	10	10 U	10 U
2,4-Dinitrophenol	50	50 U	50 U
4-Nitrophenol	50	50 U	50 U
Dibenzofuran	10	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U
Diethylphthalate	10	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U
Fluorene	10	10 U	10 U
4-Nitroaniline	50	50 U	50 U
4,6-Dinitro-2-methylphenol	50	50 U	50 U
N-Nitrosodiphenylamine	10	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U
Hexachlorobenzene	10	10 U	10 U
Pentachlorophenol	50	50 U	50 U
Phenanthrene	10	10 U	10 U
Anthracene	10	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U
Fluoranthene	10	10 U	10 U
Pyrene	10	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U
3,3'-Dichlorobenzidine	20	20 U	20 U
Benzo(a)Anthracene	10	10 U	10 U
Chrysene	10	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	3 BJ	10 U
Di-n-octylphthalate	10	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U
Dilution Factor:		1.00	1.00
Associated Method Blank:		-	-
Associated Equipment Blank:		-	-
Associated Field Blank:		-	-

TABLE 2

PROJECT: North Lawrence

Semivolatile Organic Aqueous Analysis (ug/L)

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
	LAB NUMBER:	1104601	1104602	1106601	1106602
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92
	DATE EXTRACTED:	01/16/92	01/16/92	01/20/92	01/20/92
	DATE ANALYZED:	01/31/92	01/31/92	01/31/92	01/31/92
ANALYTE	SOW-02/88 CRQL				
3-Nitroaniline	50	50 U	50 U	50 U	50 U
Acenaphthene	10	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	50	50 U	50 U	50 U	50 U
4-Nitrophenol	50	50 U	50 U	50 U	50 U
Dibenzofuran	10	10 U	10 U	10 U	10 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U
4-Chlorophenyl-phenylether	10	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U
4-Nitroaniline	50	50 U	50 U	50 U	50 U
4,6-Dinitro-2-methylphenol	50	50 U	50 U	50 U	50 U
N-Nitrosodiphenylamine	10	10 U	10 U	10 U	10 U
4-Bromophenyl-phenylether	10	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U
Pentachlorophenol	50	50 U	50 U	50 U	50 U
Phenanthrene	10	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	1 BJ	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	20	20 U	20 U	20 U	20 U
Benzo(a)Anthracene	10	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U
bis(2-Ethylhexyl)phthalate	10	10	8 J	5 J	9 J
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U
Benzo(b)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	10	10 U	10 U	10 U	10 U
Benzo(a)Pyrene	10	10 U	10 U	10 U	10 U
Indeno(1,2,3-c,d)Pyrene	10	10 U	10 U	10 U	10 U
Dibenz(a,h)Anthracene	10	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U
Dilution Factor:		1.00	1.00	1.00	1.00
Associated Method Blank:		-	-	-	-
Associated Equipment Blank:		-	-	-	-
Associated Field Blank:		-	-	-	-

TABLE 3

PROJECT: North Lawrence

Semivolatile Organic Aqueous Analysis (ug/L)

04/10/9

Table 3
Summary Table

	SAMPLE LOCATION:	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
	LAB NUMBER:	1104601	1104602	1106601	1106602
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92
	DATE EXTRACTED:	01/16/92	01/16/92	01/20/92	01/20/92
	DATE ANALYZED:	01/31/92	01/31/92	01/31/92	01/31/92
ANALYTE	SOW-02/88 CRQL				
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	-	-	-	-

Table 3
Summary Table

	SAMPLE LOCATION:	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
	LAB NUMBER:	1104601	1104602	1106601	1106602
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92
	DATE EXTRACTED:	01/16/92	01/16/92	01/20/92	01/20/92
	DATE ANALYZED:	01/31/92	01/31/92	01/31/92	01/31/92
ANALYTE	SOW-02/88 CRQL				
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	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

PROJECT: North Lawrence

Pesticides/PCBs Aqueous Analysis (ug/L)

04/10/92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JMW101AXX0	JMW101BXX0	JMW102AXX0	JMW102BXX0	JMW103XXX0	JMW104AXX0	JMW104BXX0	JMW105AXX0
	LAB NUMBER:	1106607	1106606	1106612	1106608	1106611	1109202	1109204	1106609
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92	01/14/92
	DATE EXTRACTED:	01/17/92	01/17/92	01/17/92	01/17/92	01/17/92	01/20/92	01/20/92	01/17/92
	DATE ANALYZED:	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92
ANALYTE	SOW-02/88 CRQL								
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	0.05 U	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
Dieldrin	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:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Pesticides/PCBs Aqueous Analysis (ug/L)

04/10/92

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW105BXX0	JMW106XXX0	JMW107AXX0	JMW107BXX0	JMW201XXX0	JMW202XXX0	JMW203XXX0	JMW203XXXD
		LAB NUMBER: 1106610	1109203	1111302	1109201	1104601	1104602	11069601	1106602
		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
		DATE EXTRACTED: 01/17/92	01/20/92	01/21/92	01/20/92	01/16/92	01/16/92	01/17/92	01/17/92
		DATE ANALYZED: 02/05/92	02/05/92	02/05/92	02/05/92	02/04/92	02/04/92	02/04/92	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
Dieldrin	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:	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 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JQS001000X	JQS002000X	JSB001XXX0
	LAB NUMBER:	1044527	1048118	1106603
	DATE SAMPLED:	11/15/91	11/20/91	01/14/92
	DATE EXTRACTED:	11/21/91	11/25/91	01/17/92
	DATE ANALYZED:	12/16/91	11/25/91	02/05/92
ANALYTE	SOW-02/88 CRQL			
alpha-BHC	0.05	0.05 U	0.05 U	0.05 U
beta-BHC	0.05	0.05 U	0.05 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U	0.05 U
gamma-BHC (Lindane)	0.05	0.05 U	0.05 U	0.05 U
Heptachlor	0.05	0.05 U	0.05 U	0.05 U
Aldrin	0.05	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.05 U
Endosulfan I	0.05	0.05 U	0.05 U	0.05 U
Dieldrin	0.1	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1	0.1 U	0.1 U	0.1 U
Endrin	0.1	0.1 U	0.1 U	0.1 U
Endosulfan II	0.1	0.1 U	0.1 U	0.1 U
4,4'-DDD	0.1	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1	0.1 U	0.1 U	0.1 U
Methoxychlor	0.5	0.5 U	0.5 U	0.5 U
Endrin Ketone	0.1	0.1 U	0.1 U	0.1 U
alpha-Chlordane	0.5	0.5 U	0.5 U	0.5 U
gamma-Chlordane	0.5	0.5 U	0.5 U	0.5 U
Toxaphene	1	1 U	1 U	1 U
Aroclor-1016	0.5	0.5 U	0.5 U	0.5 U
Aroclor-1221	0.5	0.5 U	0.5 U	0.5 U
Aroclor-1232	0.5	0.5 U	0.5 U	0.5 U
Aroclor-1242	0.5	0.5 U	0.5 U	0.5 U
Aroclor-1248	0.5	0.5 U	0.5 U	0.5 U
Aroclor-1254	1	1 U	1 U	1 U
Aroclor-1260	1	1 U	1 U	1 U
Dilution Factor:		1.00	1.00	1.00
Associated Method Blank:		-	-	-
Associated Equipment Blank:		-	-	-
Associated Field Blank:		-	-	-

TABLE 2

PROJECT: North Lawrence

Pesticides/PCBs Aqueous Analysis (ug/L)

04/10/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW101AXX0	JMW101BXX0	JMW102AXX0	JMW102BXX0	JMW103XXX0	JMW104AXX0	JMW104BXX0	JMW105AXX0
		LAB NUMBER: 1106607	1106606	1106612	1106608	1106611	1109202	1109204	1106609
		DATE SAMPLED: 01/14/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92	01/14/92
		DATE EXTRACTED: 01/17/92	01/17/92	01/17/92	01/17/92	01/17/92	01/20/92	01/20/92	01/17/92
		DATE ANALYZED: 02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92
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	0.05 U	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
Dieldrin	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:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Pesticides/PCBs Aqueous Analysis (ug/L)

04/10/92

Table 2
Validation / Summary Table

ANALYTE	SOW-02/88 CRQL	SAMPLE LOCATION: JMW105BXX0 LAB NUMBER: 1106610 DATE SAMPLED: 01/14/92 DATE EXTRACTED: 01/17/92 DATE ANALYZED: 02/05/92	SAMPLE LOCATION: JMW106XXX0 LAB NUMBER: 1109203 DATE SAMPLED: 01/15/92 DATE EXTRACTED: 01/20/92 DATE ANALYZED: 02/05/92	SAMPLE LOCATION: JMW107AXX0 LAB NUMBER: 1111302 DATE SAMPLED: 01/15/92 DATE EXTRACTED: 01/21/92 DATE ANALYZED: 02/05/92	SAMPLE LOCATION: JMW107BXX0 LAB NUMBER: 1109201 DATE SAMPLED: 01/15/92 DATE EXTRACTED: 01/20/92 DATE ANALYZED: 02/05/92	SAMPLE LOCATION: JMW201XXX0 LAB NUMBER: 1104601 DATE SAMPLED: 01/14/92 DATE EXTRACTED: 01/16/92 DATE ANALYZED: 02/04/92	SAMPLE LOCATION: JMW202XXX0 LAB NUMBER: 1104602 DATE SAMPLED: 01/14/92 DATE EXTRACTED: 01/16/92 DATE ANALYZED: 02/04/92	SAMPLE LOCATION: JMW203XXX0 LAB NUMBER: 11069601 DATE SAMPLED: 01/14/92 DATE EXTRACTED: 01/17/92 DATE ANALYZED: 02/04/92	SAMPLE LOCATION: JMW203XXXD LAB NUMBER: 1106602 DATE SAMPLED: 01/14/92 DATE EXTRACTED: 01/17/92 DATE ANALYZED: 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 T	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
Dieldrin	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 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

PROJECT: North Lawrence

Pesticides/PCBs Aqueous Analysis (ug/L)

04/10/92

Table 3
Summary Table

	SAMPLE LOCATION:	JMW101AXX0	JMW101BXX0	JMW102AXX0	JMW102BXX0	JMW103XXX0	JMW104AXX0	JMW104BXX0	JMW105AXX0
	LAB NUMBER:	1106607	1106606	1106612	1106608	1106611	1109202	1109204	1106609
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92	01/14/92
	DATE EXTRACTED:	01/17/92	01/17/92	01/17/92	01/17/92	01/17/92	01/20/92	01/20/92	01/17/92
	DATE ANALYZED:	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	02/05/92	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	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Associated Method Blank:		-	-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Table 3
Summary Table

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	-
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 1

INORGANIC DATA

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JMW101AXX0		JMW101BXX0		JMW102AXX0		JMW102BXX0		JMW103XXX0		JMW104AXX0		JMW104BXX0		JMW105AXX0	
	LAB NUMBER:	066-07		066-06		066-12		066-08		066-11		092-02		092-04		066-09	
	DATE SAMPLED:	01/14/92		01/14/92		01/14/92		01/14/92		01/14/92		01/15/92		01/15/92		01/14/92	
ANALYTE	SOW-2/88 CRQL																
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	5.0	UW	5.0	UW	5.0	UEN	5.0	UN	5.0	UW
Barium	200	165	[]	283		58.5	[]	41.5	[]	185	[]	185	[]	261		58.5	[]
Beryllium	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cadmium	5	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U
Calcium	5000	77500		109000		30000		49600		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
Cobalt	50	10.4	U	12.3	[]	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U
Copper	25	29.9		77.8		5.0	U	5.0	U	12.0	[]	21.6	[]	7.7	[]	5.0	U
Iron	100	12700		22200		338		775		1730		17200		2590		1060	
Lead	3	13.0		17.8		3.0	U	3.0	UW	3.0	U	11.9	S	3.0	U	3.0	U
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	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

ANALYTE	SOW-2/88	CRQL	SAMPLE LOCATION: JMW105BXX0		JMW106XXX0		JMW107AXX0		JMW107BXX0		JMW201XXX0		JMW202XXX0		JMW203XXX0		JMW203XXXD	
			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	
Aluminum		200	45300		8810	E*	65900	E*	2460	E*	106	[]	104	[]	1710		800	
Antimony		60	42.2	U	42.2	U	42.2	U	47.0	[]	42.2	U	42.2	U	42.2	U	42.2	U
Arsenic		10	5.0	UW	5.0	UN	19.7	N	5.0	UN	5.0	U	5.0	U	5.0	U	5.0	U
Barium		200	986		197	[]	894		506		122	[]	35.4	[]	174	[]	154	[]
Beryllium		5	2.5	U	2.5	U	4.4	[]	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cadmium		5	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U
Calcium		5000	274000		91000		253000		38900		53500		88500		73900		68500	
Chromium		10	77.8		34.6	*	146	*	9.1	U*	9.1	U	9.1	U	43.6		38.9	
Cobalt		50	30.7	[]	10.4	U	48.1	[]	10.4	U	10.4	U	18.4	[]	10.4	U	10.4	U
Copper		25	73.3		17.0	[]	392		9.2	[]	5.0	U	20.9	[]	29.9		28.4	
Iron		100	73700		14400		101000		4480		143		191		2990		1760	
Lead		3	41.6	S	8.4		47.1		3.1		3.0	U	3.0	U	3.0	UW	3.0	U
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	U	0.20	U	0.56		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel		40	87.9		27.5	[]	321		38.5	[]	21.5	U	29.3	[]	34.7	[]	21.5	U
Potassium		5000	12000		3640	[]	25100		3440	[]	1820	[]	1450	U	1450	U	1450	U
Selenium		5	25.0	UW	5.0	UW	25.0	UW	5.0	UW	5.0	U	5.0	UW	5.0	U	5.0	U
Silver		10	5.7	U	5.7	U	5.7	U	5.7	U	29.9		5.7	U	5.8	[]	5.7	U
Sodium		5000	11000		9020		19700		81000		3230	[]	14100		2260	[]	2110	[]
Thallium		10	5.0	UW	5.0	UN	5.0	UNW	5.0	UN	5.0	U	5.0	U	5.0	U	5.0	U
Vanadium		50	87.7		14.7	[]	102		7.9	U	7.9	U	7.9	U	7.9	U	7.9	U
Zinc		20	355		42.3	*	2830	*	12.3	[]*	5.3	U	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-2/88 CRQL		
Aluminum	200	25700	E*
Antimony	60	54.2	[]
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	[]
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	UW
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

Table 2
Validation / Summary Table

ANALYTE	SOW-2/88 CRQL	SAMPLE LOCATION: JMW101AXX0 LAB NUMBER: 066-07 DATE SAMPLED: 01/14/92	JMW101BXX0 066-06 01/14/92	JMW102AXX0 066-12 01/14/92	JMW102BXX0 066-08 01/14/92	JMW103XXX0 066-11 01/14/92	JMW104AXX0 092-02 01/15/92	JMW104BXX0 092-04 01/15/92	JMW105AXX0 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	5.0 UW	5.0 UW	5.0 UEN	5.0 UN	5.0 UW
Barium	200	165 []	283	58.5 []	41.5 []	185 []	185 []	261	58.5 []
Beryllium	5	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cadmium	5	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U	4.1 U
Calcium	5000	77500	109000	30000	49600	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
Cobalt	50	10.4 U	12.3 []	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U	10.4 U
Copper	25	29.9	77.8	5.0 U	5.0 U	12.0 []	21.6 []	7.7 []	5.0 U
Iron	100	12700	22200	338	775	1730	17200	2590	1060
Lead	3	13.0	17.8	3.0 U	3.0 UW	3.0 U	11.9 S	3.0 U	3.0 U
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	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 2
Validation / Summary Table

ANALYTE	SOW-2/88	CRQL	SAMPLE LOCATION: JMW105BXX0		JMW106XXX0		JMW107AXX0		JMW107BXX0		JMW201XXX0		JMW202XXX0		JMW203XXX0		JMW203XXXD	
			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	
Aluminum		200	45300		8810	E*	65900	E*	2460	E*	106	[]	104	[]	1710		800	
Antimony		60	42.2	U	42.2	U	42.2	U	47.0	[]	42.2	U	42.2	U	42.2	U	42.2	U
Arsenic		10	5.0	UW	5.0	UN	19.7	N	5.0	UN	5.0	U	5.0	U	5.0	U	5.0	U
Barium		200	986		197	[]	894		506		122	[]	35.4	[]	174	[]	154	[]
Beryllium		5	2.5	U	2.5	U	4.4	[]	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cadmium		5	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U	4.1	U
Calcium		5000	274000		91000		253000		38900		53500		88500		73900		68500	
Chromium		10	77.8		34.6	*	146	*	9.1	U*	9.1	U	9.1	U	43.6		38.9	
Cobalt		50	30.7	[]	10.4	U	48.1	[]	10.4	U	10.4	U	18.4	[]	10.4	U	10.4	U
Copper		25	73.3		17.0	[]	392		9.2	[]	5.0	U	20.9	[]	29.9		28.4	
Iron		100	73700		14400		101000		4480		143		191		2990		1760	
Lead		3	41.6	S	8.4		47.1		3.1	W	3.0	U	3.0	U	3.0	UW	3.0	U
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	U	0.20	U	0.56		0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Nickel		40	87.9		27.5	[]	321		38.5	[]	21.5	U	29.3	[]	34.7	[]	21.5	U
Potassium		5000	12000		3640	[]	25100		3440	[]	1820	[]	1450	U	1450	U	1450	U
Selenium		5	25.0	UW	5.0	UW	25.0	UW	5.0	UW	5.0	U	5.0	UW	5.0	U	5.0	U
Silver		10	5.7	U	5.7	U	5.7	U	5.7	U	29.9		5.7	U	5.8	[]	5.7	U
Sodium		5000	11000		9020		19700		81000		3230	[]	14100		2260	[]	2110	[]
Thallium		10	5.0	UW	5.0	UN	5.0	UNW	5.0	UN	5.0	U	5.0	U	5.0	U	5.0	U
Vanadium		50	87.7		14.7	[]	102		7.9	U	7.9	U	7.9	U	7.9	U	7.9	U
Zinc		20	355		42.3	*	2830	*	12.3	[]*	5.3	U	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 2
Validation / Summary Table

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

ANALYTE	SOW-2/88 CRQL		
Aluminum	200	25700	E*
Antimony	60	54.2	[]
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	[]
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	UW
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

Table 3
Summary Table

	SAMPLE LOCATION:	JMW101AXX0	JMW101BXX0	JMW102AXX0	JMW102BXX0	JMW103XXX0	JMW104AXX0	JMW104BXX0	JMW105AXX0
	LAB NUMBER:	066-07	066-06	066-12	066-08	066-11	092-02	092-04	066-09
	DATE SAMPLED:	01/14/92	01/14/92	01/14/92	01/14/92	01/14/92	01/15/92	01/15/92	01/14/92
ANALYTE	SOW-2/88 CRQL								
Aluminum	200	8780	15400	-	586	985	10000 E*	347 E*	-
Antimony	60	-	-	-	-	-	-	-	-
Arsenic	10	-	-	-	-	-	-	-	-
Barium	200	-	283	-	-	-	-	261	-
Beryllium	5	-	-	-	-	-	-	-	-
Cadmium	5	-	-	-	-	-	-	-	-
Calcium	5000	77500	109000	30000	49600	79000	85600	68800	47500
Chromium	10	43.0	53.0	-	-	-	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	-	49.1	-	24200 *	-	41.4
Cyanide	10	NR	NR	NR	NR	NR	NR	NR	NR
Associated Method Blank:		-	-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

Table 3
Summary Table

ANALYTE	SOW-2/88 CRQL	SAMPLE LOCATION: JMW105BXX0 LAB NUMBER: 066-10 DATE SAMPLED: 01/14/92	SAMPLE LOCATION: JMW106XXX0 LAB NUMBER: 092-03 DATE SAMPLED: 01/15/92	SAMPLE LOCATION: JMW107AXX0 LAB NUMBER: 113-02 DATE SAMPLED: 01/15/92	SAMPLE LOCATION: JMW107BXX0 LAB NUMBER: 092-01 DATE SAMPLED: 01/15/92	SAMPLE LOCATION: JMW201XXX0 LAB NUMBER: 046-01 DATE SAMPLED: 01/14/92	SAMPLE LOCATION: JMW202XXX0 LAB NUMBER: 046-02 DATE SAMPLED: 01/14/92	SAMPLE LOCATION: JMW203XXX0 LAB NUMBER: 066-01 DATE SAMPLED: 01/14/92	SAMPLE LOCATION: JMW203XXXD LAB NUMBER: 066-02 DATE SAMPLED: 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	-	-	-	29.9	28.4
Iron	100	73700	14400	101000	4480	143	191	2990	1760
Lead	3	41.6 S	8.4	47.1	3.1	-	-	-	-
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:		-	-	-	-	-	-	-	-

Table 3
Summary Table

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

ANALYTE	SOW-2/88 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:	-

APPENDIX D-3

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

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X	JSD211012X	JSD212000X
	LAB NUMBER:	1044516	1044517	1044515	1044514	1044512	1044513	1044101
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/14/91
	DATE EXTRACTED:	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
	DATE ANALYZED:	12/15/91	12/15/91	12/15/91	12/15/91	12/15/91	12/15/91	12/24/91
ANALYTE	SOW-02/88 CRQL							
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	210 U	36 U	220 U	140 U	73 U	12 U	130 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	420 U	73 U	440 U	280 U	150 U	24 U	270 U
Endrin Ketone	16	2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
alpha-Chlordane	80	420 U	73 U	440 U	280 U	150 U	24 U	270 U
gamma-Chlordane	80	2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Toxaphene	160	2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1016	80	4200 U	730 U	4400 U	2800 U	1500 U	240 U	2700 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	7000	820	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1254	160	2100 U	360 U	2200 U	1400 U	730 U	120 U	1300 U
Aroclor-1260	160	4200 U	730 U	4400 U	2800 U	1500 U	240 U	2700 U
		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:		-	-	-	-	-	-	-

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 1
Laboratory Report of Analysis

ANALYTE	SOW-02/88 CRQL	JSD213000X	JSD214000X	JSD215000X	JSD216000X	JSD217000X	JSD218000X	JSD219000X	JSD220000X
SAMPLE LOCATION:		JSD213000X	JSD214000X	JSD215000X	JSD216000X	JSD217000X	JSD218000X	JSD219000X	JSD220000X
LAB NUMBER:		1044102	1044103	1044104	1044105	1044501	1044502	1044505	1044506
DATE SAMPLED:		11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91
DATE EXTRACTED:		11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
DATE ANALYZED:		12/24/91	12/24/91	12/24/91	12/24/91	12/15/91	12/15/91	12/15/91	12/15/91
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	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

	SAMPLE LOCATION:	JSD221000X	JSD222000X	JSD223000D	JSD223000X	JSD224000X
	LAB NUMBER:	1044507	1044508	1044522	1044511	1044518
	DATE SAMPLED:	11/14/91	11/15/91	11/15/91	11/15/91	11/15/91
	DATE EXTRACTED:	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
	DATE ANALYZED:	12/15/91	12/15/91	12/16/91	12/15/91	12/15/91
ANALYTE	SOW-02/88 CRQL					
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	8	17 U	14 U	24 U	24 U	38 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

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

.04/02/92

Table 2
Validation / Summary Table

	SOW-02/88	CRQL	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X	JSD211012X	JSD212000X
SAMPLE LOCATION:									
LAB NUMBER:			1044516	1044517	1044515	1044514	1044512	1044513	1044101
DATE SAMPLED:			11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/14/91
DATE EXTRACTED:			11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
DATE ANALYZED:			12/15/91	12/15/91	12/15/91	12/15/91	12/15/91	12/15/91	12/24/91
ANALYTE									
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	820	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	7300
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:			-	-	-	-	-	-	-

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	JSD213000X	JSD214000X	JSD215000X	JSD216000X	JSD217000X	JSD218000X	JSD219000X	JSD220000X
	LAB NUMBER:	1044102	1044103	1044104	1044105	1044501	1044502	1044505	1044506
	DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91
	DATE EXTRACTED:	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
	DATE ANALYZED:	12/24/91	12/24/91	12/24/91	12/24/91	12/15/91	12/15/91	12/15/91	12/15/91
ANALYTE	SOW-02/88 CRQL								
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	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)

04/02/92

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	JSD221000X	JSD222000X	JSD223000D	JSD223000X	JSD224000X
	LAB NUMBER:	1044507	1044508	1044522	1044511	1044518
	DATE SAMPLED:	11/14/91	11/15/91	11/15/91	11/15/91	11/15/91
	DATE EXTRACTED:	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
	DATE ANALYZED:	12/15/91	12/15/91	12/16/91	12/15/91	12/15/91
ANALYTE	SOW-02/88 CRQL					
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	8	17 U	14 U	24 U	24 U	38 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	380 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 3

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 3
Summary Table

ANALYTE	SOW-02/88	CRQL	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X	JSD211012X	JSD212000X
SAMPLE LOCATION:			JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X	JSD211012X	JSD212000X
LAB NUMBER:			1044516	1044517	1044515	1044514	1044512	1044513	1044101
DATE SAMPLED:			11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/14/91
DATE EXTRACTED:			11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
DATE ANALYZED:			12/15/91	12/15/91	12/15/91	12/15/91	12/15/91	12/15/91	12/24/91
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	7000	820	-	-	-	-	-
Aroclor-1254		160	-	-	-	-	-	-	-
Aroclor-1260		160	10000	740	7300	3600	-	-	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:			-	-	-	-	-	-	-

PROJECT: North Lawrence

Pesticides/PCBs Soil Analysis (ug/kg)

04/02/92

Table 3
Summary Table

	SAMPLE LOCATION:	JSD213000X	JSD214000X	JSD215000X	JSD216000X	JSD217000X	JSD218000X	JSD219000X	JSD220000X
	LAB NUMBER:	1044102	1044103	1044104	1044105	1044501	1044502	1044505	1044506
	DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91	11/14/91
	DATE EXTRACTED:	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
	DATE ANALYZED:	12/24/91	12/24/91	12/24/91	12/24/91	12/15/91	12/15/91	12/15/91	12/15/91
ANALYTE	SOW-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	-	-	-	-	-	-	-	-
Aroclor-1254	160	-	-	-	-	-	-	-	-
Aroclor-1260	160	-	-	620	-	-	-	-	-
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 3
Summary Table

SAMPLE LOCATION:	JSD221000X	JSD222000X	JSD223000D	JSD223000X	JSD224000X
LAB NUMBER:	1044507	1044508	1044522	1044511	1044518
DATE SAMPLED:	11/14/91	11/15/91	11/15/91	11/15/91	11/15/91
DATE EXTRACTED:	11/20/91	11/20/91	11/20/91	11/20/91	11/20/91
DATE ANALYZED:	12/15/91	12/15/91	12/16/91	12/15/91	12/15/91

ANALYTE	SOW-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	-	-	-	-	-
Aroclor-1254	160	-	-	-	-	-
Aroclor-1260	160	-	-	-	-	-
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:		-	-	-	-	-

INORGANIC DATA

TABLE 1

PROJECT: North Lawrence

Inorganic Soil Analysis (mg/kg)

04/02/92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSD201000X	JSD202000X	JSD203000X	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X
	LAB NUMBER:	144106	144107	144108	144516	144517	144515	144514	144512
	DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	SOW-07/88 CRQL								
Aluminum	40	9880	17900	6230	6590	2340	1140	4850	1970
Antimony	12	9.6 U	21.8 U	10.1 U	23.4 U	5.0 U	24.6 U	25.6 U	38.6 U
Arsenic	2	2.6 []NW	6.2 []NW	2.3 UNW	5.3 UN	1.1 UNW	5.6 UNW	5.8 UN	8.8 UN
Barium	40	136	278	122	3180	141	954	780	552
Beryllium	1	0.74 U	1.7 U	0.78 U	1.8 U	0.39 U	1.9 U	2.0 U	3.0 U
Cadmium	1	1.5 U	3.5 U	1.6 U	3.7 U	0.79 U	3.9 U	4.1 U	6.1 U
Calcium	1000	6150	22300	5840	23900	1310	20300	35200	20300
Chromium	2	10.0	15.0	9.0	21.2	2.5	5.7 U	5.9 U	8.9 U
Cobalt	10	3.7 U	8.3 U	3.9 U	8.9 U	1.9 U	9.4 U	9.8 U	14.7 U
Copper	5	0.87 UN*	2.0 UN*	0.92 UN*	73.2 N*	0.45 UN*	16.7 []N*	40.6 N*	3.5 UN*
Iron	20	7730	7620	6920	4780	4180	1740	2660	2430
Lead	0.6	18.3 S*	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 U	0.50 U	0.23 U	0.85	0.14	0.76	1.2	1.9
Nickel	8	9.5 U	21.7 U	10.0 U	23.3 U	5.0 U	24.5 U	25.5 U	38.4 U
Potassium	1000	420 U	955 U	442 U	1030 U	219 U	1080 U	1120 U	1690 U
Selenium	1	2.2 UN	5.0 UN	2.3 UN	5.3 UNW	1.1 UN	5.6 UN	5.8 UNW	8.8 UN
Silver	2	2.0 U	4.6 U	2.1 U	4.9 U	1.0 U	5.1 U	5.3 U	8.1 U
Sodium	1000	610 U	1390 U	642 U	1490 U	318 U	1560 U	1630 U	2450 U
Thallium	2	2.2 U	5.0 U	2.3 U	5.3 U	1.1 UW	5.6 U	5.8 U	8.8 U
Vanadium	10	17.5 []	24.1 []	12.0 []	17.9 []	6.4 []	7.4 U	18.1 []	11.6 U
Zinc	4	39.4	72.6	32.3	479	10.8	406	111	123
Cyanide	1	1.1 UN	2.4 UN	1.1 UN	2.4 UN	0.41 UN	2.2 UN	2.1 UN	3.9 UN
Percent Solids:		46	20	44	19	88	18	17	11
Associated Method Blank:		-	-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Inorganic Soil Analysis (mg/kg)

04/02/92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSD211012X	JSD215000X	JSD216000X	JSD217000X	JSD218000X	JSD219000X	JSD220000D	JSD220000X
	LAB NUMBER:	144513	144104	144105	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	11/14/91
ANALYTE	SOW-07/88 CRQL								
Aluminum	40	1690	7810	4010	552	804	5810	9730	9740
Antimony	12	6.7 U	8.5 U	19.0 U	7.1 U	7.1 U	9.4 []	6.9 U	21.6
Arsenic	2	1.5 UN	2.0 []NW	4.3 UNW	1.6 UNW	1.6 UN	4.9 N	4.7 N	5.6 N
Barium	40	57.7 []	231	332	187	90.7	71.9	94.3	105
Beryllium	1	0.52 U	0.66 U	1.5 U	0.55 U	0.79 []	0.50 U	0.62 []	0.78 []
Cadmium	1	1.1 U	1.4 U	3.0 U	1.1 U	1.1 U	1.0 U	1.1 U	1.1 U
Calcium	1000	1120 []	9700	29300	5970	5670	4040	4150	5180
Chromium	2	1.6 U	6.8	4.4 U	1.6 U	1.9 []	8.4	13.5	14.1
Cobalt	10	2.6 U	3.3 U	7.2 U	2.7 U	2.7 U	3.6 []	4.1 []	6.3 []
Copper	5	0.61 UN*	0.78 UN*	1.7 UN*	27.5 N*	17.9 N*	0.59 UN*	0.63 UN*	0.64 UN*
Iron	20	2140	4000	4910	800	1440	9390	14400	14000
Lead	0.6	6.9 *	149 *	396 *	416 *	119 *	73.0 S*	32.7 *	21.3 *
Magnesium	1000	537 []	1790 []	3440 []	716 []	675 []	1030 []	1730	1750
Manganese	3	24.3	49.1	110	31.8	35.1	336	267	273
Mercury	0.1	0.37	0.19 U	0.41 U	0.16 U	1.3	1.0	0.16 U	0.85
Nickel	8	6.7 U	8.6 []	18.9 U	7.0 U	7.0 U	10.8 []	7.9 []	7.0 U
Potassium	1000	295 U	375 U	832 U	310 U	310 U	383 []	541 []	735 []
Selenium	1	1.5 UN	1.9 UN	4.3 UN	1.6 UN	1.6 UN	1.5 UNW	1.6 UN	1.6 UN
Silver	2	1.4 U	1.8 U	4.0 U	1.5 U	1.5 U	1.4 U	1.5 U	1.5 U
Sodium	1000	427 U	543 U	1210 U	450 U	491 []	415 U	441 U	447 U
Thallium	2	1.5 U	1.9 U	4.3 U	1.6 U	1.6 U	1.5 UW	1.6 UW	1.6 UW
Vanadium	10	2.4 []	12.1 []	14.7 []	4.3 []	6.4 []	14.2 []	24.2	24.1
Zinc	4	7.8	42.9	122	48.3	57.5	19.4	29.6	31.2
Cyanide	1	0.72 UN	0.92 UN	2.1 UN	0.80 UN	0.63 UN	0.72 UN	0.57 UN	0.68 UN
	Percent Solids:	66	52	23	62	62	68	63	63
	Associated Method Blank:	-	-	-	-	-	-	-	-
	Associated Equipment Blank:	-	-	-	-	-	-	-	-
	Associated Field Blank:	-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Inorganic Soil Analysis (mg/kg)

04/02/92

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	SOW-07/88 CRQL								
Aluminum	40	11500		10400		12400		10700	
Antimony	12	9.3	U	7.7	[]	19.0	[]	10.6	U
Arsenic	2	3.1	[]N	4.2	N	2.9	UNW	3.2	[]N
Barium	40	168		149		311		285	
Beryllium	1	0.83	[]	0.67	[]	0.99	U	0.82	U
Cadmium	1	1.5	U	1.2	U	2.0	U	1.7	U
Calcium	1000	11200		8810		20300		19000	
Chromium	2	11.2		12.3		13.7		12.7	
Cobalt	10	7.3	[]	5.7	[]	4.9	U	4.0	U
Copper	5	0.85	UN*	0.69	UN*	1.2	UN*	0.96	UN*
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		0.24	U
Nickel	8	11.1	[]	8.6	[]	15.8	[]	10.5	U
Potassium	1000	1140	[]	577	[]	624	[]	464	U
Selenium	1	2.1	UN	1.7	UN	2.9	UN	2.4	UNW
Silver	2	2.0	U	1.6	U	2.7	U	2.2	U
Sodium	1000	594	U	482	U	816	U	673	U
Thallium	2	2.1	UW	1.7	UW	2.9	UW	2.4	UW
Vanadium	10	22.0		23.3		20.9	[]	13.9	[]
Zinc	4	31.6		27.4		54.5		36.9	
Cyanide	1	0.99	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:		-		-		-		-	

PROJECT: North Lawrence

Inorganic Soil Analysis (mg/kg)

04/02/92

Table 2
Validation / Summary Table

SAMPLE LOCATION:	JSD201000X	JSD202000X	JSD203000X	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X
LAB NUMBER:	144106	144107	144108	144516	144517	144515	144514	144512
DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91

ANALYTE	SOW-07/88 CRQL								
Aluminum	40	9880	17900	6230	6590	2340	1140	4850	1970
Antimony	12	9.6 U	21.8 U	10.1 U	23.4 U	5.0 U	24.6 U	25.6 U	38.6 U
Arsenic	2	2.6 []NW	6.2 []NW	2.3 UNW	5.3 UN	1.1 UNW	5.6 UNW	5.8 UN	8.8 UN
Barium	40	136	278	122	3180	141	954	780	552
Beryllium	1	0.74 U	1.7 U	0.78 U	1.8 U	0.39 U	1.9 U	2.0 U	3.0 U
Cadmium	1	1.5 U	3.5 U	1.6 U	3.7 U	0.79 U	3.9 U	4.1 U	6.1 U
Calcium	1000	6150	22300	5840	23900	1310	20300	35200	20300
Chromium	2	10.0	15.0	9.0	21.2	2.5	5.7 U	5.9 U	8.9 U
Cobalt	10	3.7 U	8.3 U	3.9 U	8.9 U	1.9 U	9.4 U	9.8 U	14.7 U
Copper	5	0.87 UN*	2.0 UN*	0.92 UN*	73.2 N*	0.45 UN*	16.7 []N*	40.6 N*	3.5 UN*
Iron	20	7730	7620	6920	4780	4180	1740	2660	2430
Lead	0.6	18.3 S	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 U	0.50 U	0.23 U	0.85	0.14	0.76	1.2	1.9
Nickel	8	9.5 U	21.7 U	10.0 U	23.3 U	5.0 U	24.5 U	25.5 U	38.4 U
Potassium	1000	420 U	955 U	442 U	1030 U	219 U	1080 U	1120 U	1690 U
Selenium	1	2.2 UN	5.0 UN	2.3 UN	5.3 UNW	1.1 UN	5.6 UN	5.8 UNW	8.8 UN
Silver	2	2.0 U	4.6 U	2.1 U	4.9 U	1.0 U	5.1 U	5.3 U	8.1 U
Sodium	1000	610 U	1390 U	642 U	1490 U	318 U	1560 U	1630 U	2450 U
Thallium	2	2.2 U	5.0 U	2.3 U	5.3 U	1.1 UW	5.6 U	5.8 U	8.8 U
Vanadium	10	17.5 []	24.1 []	12.0 []	17.9 []	6.4 []	7.4 U	18.1 []	11.6 U
Zinc	4	39.4	72.6	32.3	479	10.8	406	111	123
Cyanide	1	1.1 UN	2.4 UN	1.1 UN	2.4 UN	0.41 UN	2.2 UN	2.1 UN	3.9 UN
Percent Solids:		46	20	44	19	88	18	17	11
Associated Method Blank:		-	-	-	-	-	-	-	-
Associated Equipment Blank:		-	-	-	-	-	-	-	-
Associated Field Blank:		-	-	-	-	-	-	-	-

PROJECT: North Lawrence

Inorganic Soil Analysis (mg/kg)

04/02/92

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	SOW-07/88 CRQL								
Aluminum	40	11500		10400		12400		10700	
Antimony	12	9.3	U	7.7	[]	19.0	[]	10.6	U
Arsenic	2	3.1	[]N	4.2	N	2.9	UNW	3.2	[]N
Barium	40	168		149		311		285	
Beryllium	1	0.83	[]	0.67	[]	0.99	U	0.82	U
Cadmium	1	1.5	U	1.2	U	2.0	U	1.7	U
Calcium	1000	11200		8810		20300		19000	
Chromium	2	11.2		12.3		13.7		12.7	
Cobalt	10	7.3	[]	5.7	[]	4.9	U	4.0	U
Copper	5	0.85	UN*	0.69	UN*	1.2	UN*	0.96	UN*
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		0.24	U
Nickel	8	11.1	[]	8.6	[]	15.8	[]	10.5	U
Potassium	1000	1140	[]	577	[]	624	[]	464	U
Selenium	1	2.1	UN	1.7	UN	2.9	UN	2.4	UNW
Silver	2	2.0	U	1.6	U	2.7	U	2.2	U
Sodium	1000	594	U	482	U	816	U	673	U
Thallium	2	2.1	UW	1.7	UW	2.9	UW	2.4	UW
Vanadium	10	22.0		23.3		20.9	[]	13.9	[]
Zinc	4	31.6		27.4		54.5		36.9	
Cyanide	1	0.99	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

PROJECT: North Lawrence

Inorganic Soil Analysis (mg/kg)

04/02/92

Table 3
Summary Table

	SAMPLE LOCATION:	JSD201000X	JSD202000X	JSD203000X	JSD206006X	JSD207012X	JSD208006X	JSD209012X	JSD210006X
	LAB NUMBER:	144106	144107	144108	144516	144517	144515	144514	144512
	DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	SOW-07/88 CRQL								
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 S	30.2	16.5	6400 *	92.1 *	1470 *	550 *	477 *
Magnesium	1000	-	-	-	-	-	-	-	-
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:		-	-	-	-	-	-	-	-

TOTAL LEAD DATA

TABLE 1

PROJECT:North Lawrence

Pb Soil Analysis (mg/kg)

06-Nov-92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSD225000X	JSD226000X	JSD227000X	JSD228000X	JSD229000X	JSD230000X	JSD231000X	JSD232000X
	LAB NUMBER:	045516	045517	045518	045519	045520	045521	045522	045523
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	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
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:

PROJECT:North Lawrence

Pb Soil Analysis (mg/kg)

06-Nov-92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSD233000D	JSD233000X	JSD234000X	JSD235000X	JSD236000X	JSD237000X	JSD238000X	JSD239000X
	LAB NUMBER:	045525	045524	045526	045527	045528	045529	045530	045531
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	CRQL								
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

	SAMPLE LOCATION:	JSD240000X	JSD241000X	JSD242000X	JSD243000X	JSD244000X	JSD245000X	JSD246000X	JSD247000X
	LAB NUMBER:	045501	045502	045503	045504	045505	045506	045507	045508
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	CRQL								
Lead	0.6	1430.00	439.00	332.00	1100.00	200.00	283.00	13.20	11.50
Percent Solids:		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:

PROJECT:North Lawrence

Pb Soil Analysis (mg/kg)

06-Nov-92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSD248000X	JSD249000X	JSD250000X	JSD251000X	JSD252000X	JSD253000X	JSD254000X	JSD255000D
	LAB NUMBER:	045509	045510	045511	045512	045513	045514	045515	045532
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/16/91	11/16/91	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	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:	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	63.9
Percent Solids:		62.4	48.2	69.6	16.5	30.7

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

TABLE 2

PROJECT:North Lawrence

Pb Soil Analysis (mg/kg)

06-Nov-92

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	JSD225000X	JSD226000X	JSD227000X	JSD228000X	JSD229000X	JSD230000X	JSD231000X	JSD232000X
	LAB NUMBER:	045516	045517	045518	045519	045520	045521	045522	045523
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	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
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

	SAMPLE LOCATION:	JSD233000D	JSD233000X	JSD234000X	JSD235000X	JSD236000X	JSD237000X	JSD238000X	JSD239000X
	LAB NUMBER:	045525	045524	045526	045527	045528	045529	045530	045531
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	CRQL								
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

	SAMPLE LOCATION:	JSD240000X	JSD241000X	JSD242000X	JSD243000X	JSD244000X	JSD245000X	JSD246000X	JSD247000X
	LAB NUMBER:	045501	045502	045503	045504	045505	045506	045507	045508
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	CRQL								
Lead	0.6	1430.00	439.00	332.00	1100.00	200.00	283.00	13.20	11.50
Percent Solids:		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:	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	63.9
Percent Solids:		62.4	48.2	69.6	16.5	30.7

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

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	JSD248000X	JSD249000X	JSD250000X	JSD251000X	JSD252000X	JSD253000X	JSD254000X	JSD255000D
	LAB NUMBER:	045509	045510	045511	045512	045513	045514	045515	045532
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/16/91	11/16/91	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	70.9	71.8	64.3	61.6

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

TABLE 3

Table 3
Summary Table

	SAMPLE LOCATION:	JSD225000X	JSD226000X	JSD227000X	JSD228000X	JSD229000X	JSD230000X	JSD231000X	JSD232000X
	LAB NUMBER:	045516	045517	045518	045519	045520	045521	045522	045523
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	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
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 3
Summary Table

	SAMPLE LOCATION:	JSD233000D	JSD233000X	JSD234000X	JSD235000X	JSD236000X	JSD237000X	JSD238000X	JSD239000X
	LAB NUMBER:	045525	045524	045526	045527	045528	045529	045530	045531
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	CRQL								
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

	SAMPLE LOCATION:	JSD240000X	JSD241000X	JSD242000X	JSD243000X	JSD244000X	JSD245000X	JSD246000X	JSD247000X
	LAB NUMBER:	045501	045502	045503	045504	045505	045506	045507	045508
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91
ANALYTE	CRQL								
Lead	0.6	1430.00	439.00	332.00	1100.00	200.00	283.00	13.20	11.50
Percent Solids:		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 3
Summary Table

	SAMPLE LOCATION:	JSD248000X	JSD249000X	JSD250000X	JSD251000X	JSD252000X	JSD253000X	JSD254000X	JSD255000D
	LAB NUMBER:	045509	045510	045511	045512	045513	045514	045515	045532
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/16/91	11/16/91	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	70.9	71.8	64.3	61.6

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

Table 3
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	63.9
Percent Solids:		62.4	48.2	69.6	16.5	30.7

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

TABLE 1

TOTAL ORGANIC CARBON DATA

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 1
Laboratory Report of Analysis

ANALYTE	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
Total Organic Carbon (TOC)	72300	106000	315000	716000	212000	162000	242000	6030000

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JSD218000X	JSD219000X	JSD220000X	JSD221000X
	LAB NUMBER:	144502	144505	144506	144507
	DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/14/91
ANALYTE					
Total Organic Carbon (TOC)		48500	34800	52200	165000

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 2
Validation/Summary Table

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

TABLE 2

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 2
Validation/Summary Table

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

Table 2
Validation/Summary Table

SAMPLE LOCATION:	JSD218000X	JSD219000X	JSD220000X	JSD221000X
LAB NUMBER:	144502	144505	144506	144507
DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/14/91
ANALYTE				
Total Organic Carbon (TOC)	48500	34800	52200	165000

TABLE 3

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 3
Summary Table

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

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 3
Summary Table

ANALYTE	SAMPLE LOCATION:	JSD207012X	JSD208006X	JSD209012X	JSD210006X	JSD211012X	JSD212000X	JSD216000X	JSD217000X
	LAB NUMBER:	144517	144515	144514	144512	144513	144101	144105	144501
	DATE SAMPLED:	11/15/91	11/15/91	11/15/91	11/15/91	11/15/91	11/14/91	11/14/91	11/14/91
Total Organic Carbon (TOC)		18500	462000	220000	370000	108000	102000	624000	76100

PROJECT:North Lawrence

TOC Soil Analysis (mg/kg)

03-Apr-92

Table 3
Summary Table

	SAMPLE LOCATION:	JSD218000X	JSD219000X	JSD220000X	JSD221000X
	LAB NUMBER:	144502	144505	144506	144507
	DATE SAMPLED:	11/14/91	11/14/91	11/14/91	11/14/91
ANALYTE					
Total Organic Carbon (TOC)		48500	34800	52200	165000

TOXICITY CHARACTERISTIC LEACHING PROCEDURE DATA

TABLE 1

PROJECT:North Lawrence

TCLP Analysis (ug/L)

02-Apr-92

Table 1
Laboratory Report of Analysis

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

PROJECT:North Lawrence

TCLP Analysis (ug/L)

02-Apr-92

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	JSD205000D
	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:				

APPENDIX E

APPENDIX E

THIRD PHASE DATA

APPENDIX E-1

THIRD PHASE SEDIMENT DATA

LEAD

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF HAZARDOUS WASTE REMEDIATION

BUREAU OF HAZARDOUS SITE CONTROL

****
* ANALYTICAL REPORT *
****

SITE NAME: NORTH LAWERENCE OIL DUMP

SITE CODE: 645013

SUBMITTED BY: DOUG HILL

DATE OF REPORT: 7/9/92 DATA RELEASED BY: F.WOODWARD

REPORT QUALIFIERS: LEAD ONLY / ALL SOILS WERE LESS THAN 50 % SOILDS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

MOBILE LABORATORY SAMPLE SUBMISSION

SITE NAME: NORTH LAWRENCE OIL DUMP

REGISTRY NUMBER: 645013 SAMPLE SUBMISSION DATE: 6/11/92

SAMPLES SUBMITTED BY: DOUG HILL T&A code: A315

TOTAL NUMBER OF SAMPLES SUBMITTED: 10

********* ORGANIC SAMPLES BY MATRIX *********

WATER:	VOA:	BNA:	PEST/PCB:
SOIL:	VOA:	BNA:	PEST/PCB:
OTHER:	VOA:	BNA:	PEST/PCB:

OTHER:

********* METALS SAMPLES BY MATRIX *********

WATER: SOIL: 10 OTHER:

METALS SELECTED: Pb HIGH LEVEL (ABOVE 10PPM)

==========

COMMENTS:

==========

********** REPORT INFORMATION **********

VOLATILE DATA REPORTED	___/___/___	BY_____
BNA DATA REPORTED	___/___/___	BY_____
PEST/PCB DATA REPORTED	___/___/___	BY_____
METALS DATA REPORTED	_7_/_9_/_92	BY_F.WOODWARD_____
REPORT COMPLETED AND FILED	_7_/_9_/_92	BY_F.WOODWARD_____

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWRENCE OIL DUMP
FIELD ID: JSD501XXXX

SAMPLE NUMBER: 692-157-01
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 44513
MATRIX: SOIL
PERCENT SOLIDS: 10%
ARCHIVE NO.: M15701

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	170		ZINC	NR

COMMENTS:

NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWRENCE OIL DUMP
FIELD ID: JSD302XXXX

SAMPLE NUMBER: 692-157-02
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 30%
ARCHIVE NO.: M15702

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	36		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWRENCE OIL DUMP
FIELD ID: JSD303XXXX

SAMPLE NUMBER: 692-197-03
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 10%
ARCHIVE NO.: M15703

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	40		ZINC	NR

COMMENTS:

NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWRENCE OIL DUMP
FIELD ID: JSD303XXXD

SAMPLE NUMBER: 692-197-04
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 14%
ARCHIVE NO.: M15704

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	26		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD304XXXX

SAMPLE NUMBER: 692-152-05
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64913
MATRIX: SOIL
PERCENT SOLIDS: 19%
ARCHIVE NO.: M15705

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	38		ZINC	NR

COMMENTS:

NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD305XXXX

SAMPLE NUMBER: 692-157-06
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 8%
ARCHIVE NO.: M15706

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	120		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD306XXXX

SAMPLE NUMBER: 692-157-07
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 16%
ARCHIVE NO.: M15707

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	43		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD307XXXX

SAMPLE NUMBER: 692-157-08
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 28%
ARCHIVE NO.: M15708

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	26		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: 3SD308XXXX

SAMPLE NUMBER: 692-157-09
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 10%
ARCHIVE NO.: M15709

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	95		ZINC	NR

COMMENTS:

NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD309XXXX

SAMPLE NUMBER: 692-157-10
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 10%
ARCHIVE NO.: M15710

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	69		ZINC	NR

COMMENTS:

NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD310XXXX

SAMPLE NUMBER: 692-157-11
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 13%
ARCHIVE NO.: M15711

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	85		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD311XXXX

SAMPLE NUMBER: 692-157-12
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 14%
ARCHIVE NO.: M15712

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	25		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: JSD312XXXX

SAMPLE NUMBER: 692-157-13
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: SOIL
PERCENT SOLIDS: 15%
ARCHIVE NO.: M15713

METAL	CONC mg/L		METAL	CONC mg/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	14		ZINC	NR

COMMENTS: NR = NOT REQUESTED

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
BUREAU OF HAZARDOUS SITE CONTROL

METALS REPORT

SITE NAME: NORTH LAWERENCE OIL DUMP
FIELD ID: J0SXX2XXXX

SAMPLE NUMBER: 692-157-14
DATE COLLECTED: 6/5/92
DATE ANALYZED: 7/8/92
DATE REPORTED: 7/9/92

SITE CODE: 64513
MATRIX: WATER
PERCENT SOLIDS: NA
ARCHIVE NO.: M15714

METAL	CONC ug/L		METAL	CONC ug/L
ALUMINIUM	NR		MAGNESIUM	NR
ANTIMONY	NR		MANGANESE	NR
ARSENIC	NR		MERCURY	NR
BARIUM	NR		NICKEL	NR
BERYLLIUM	NR		POTASSIUM	NR
CADMIUM	NR		SELENIUM	NR
CALCIUM	NR		SILVER	NR
CHROMIUM	NR		SODIUM	NR
COBALT	NR		THALLIUM	NR
COPPER	NR		TIN	NR
IRON	NR		VANADIUM	NR
LEAD	10		ZINC	NR

COMMENTS:

NR = NOT REQUESTED

APPENDIX E-2

THIRD PHASE GROUNDWATER DATA

PESTICIDES AND PCBS

PESTICIDES AND PCBS

TABLE 1

Table 1
Laboratory Report of Analysis

	SAMPLE LOCATION:	JMW107AXXD	JMW107AXXX
	LAB NUMBER:	1278403	1278402
	DATE SAMPLED:	06/04/92	06/04/92
	DATE EXTRACTED:	06/10/92	06/10/92
	DATE ANALYZED:	06/26/92	06/26/92
ANALYTE	SOW-03/90 - II 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	0.1	0.1 U	0.1 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
Endrin Aldehyde	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	0.05	0.05 U	0.05 U
gamma-Chlordane	0.05	0.05 U	0.05 U
Toxaphene	5	5 U	5 U
Aroclor-1016	1	1 U	1 U
Aroclor-1221	2	2 U	2 U
Aroclor-1232	1	1 U	1 U
Aroclor-1242	1	1 U	1 U
Aroclor-1248	1	1 U	1 U
Aroclor-1254	1	1 U	1 U
Aroclor-1260	1	1 U	1 U
Dilution Factor:		1.00	1.00
Associated Method Blank:		PBLK452	PBLK452
Associated Equipment Blank:		JQSXX1XXXX	JQSXX1XXXX
Associated Field Blank:		-	-

Site: NORTH LAWRENCE

TABLE 2

Table 2
Validation / Summary Table

	SAMPLE LOCATION:	JMW107AXXD	JMW107AXXX
	LAB NUMBER:	1278403	1278402
	DATE SAMPLED:	06/04/92	06/04/92
	DATE EXTRACTED:	06/10/92	06/10/92
	DATE ANALYZED:	06/26/92	06/26/92
ANALYTE	SOW-03/90 - II 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	0.1	0.1 U	0.1 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
Endrin Aldehyde	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	0.05	0.05 U	0.05 U
gamma-Chlordane	0.05	0.05 U	0.05 U
Toxaphene	5	5 U	5 U
Aroclor-1016	1	1 U	1 U
Aroclor-1221	2	2 U	2 U
Aroclor-1232	1	1 U	1 U
Aroclor-1242	1	1 U	1 U
Aroclor-1248	1	1 U	1 U
Aroclor-1254	1	1 U	1 U
Aroclor-1260	1	1 U	1 U
Dilution Factor:		1.00	1.00
Associated Method Blank:		PBLK452	PBLK452
Associated Equipment Blank:		JQSXX1XXXX	JQSXX1XXXX
Associated Field Blank:		-	-

Site: NORTH LAWRENCE

TABLE 3

Table 3
Summary Table

	SAMPLE LOCATION:	JMW107AXXD	JMW107AXXX
	LAB NUMBER:	1278403	1278402
	DATE SAMPLED:	06/04/92	06/04/92
	DATE EXTRACTED:	06/10/92	06/10/92
	DATE ANALYZED:	06/26/92	06/26/92
ANALYTE	SOW-03/90 - II 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	-	-
Endrin Aldehyde	0.1	-	-
Endosulfan Sulfate	0.1	-	-
4,4'-DDT	0.1	-	-
Methoxychlor	0.5	-	-
Endrin Ketone	0.1	-	-
alpha-Chlordane	0.05	-	-
gamma-Chlordane	0.05	-	-
Toxaphene	5	-	-
Aroclor-1016	1	-	-
Aroclor-1221	2	-	-
Aroclor-1232	1	-	-
Aroclor-1242	1	-	-
Aroclor-1248	1	-	-
Aroclor-1254	1	-	-
Aroclor-1260	1	-	-
Dilution Factor:		1.00	1.00
Associated Method Blank:		PBLK452	PBLK452
Associated Equipment Blank:		JQSXX1XXXX	JQSXX1XXXX
Associated Field Blank:		-	-

Site: NORTH LAWRENCE

APPENDIX F

APPENDIX F

BASE MAP