

Appendix U
Soil Boring Analytical Data

Soil Boring Samples

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
AL	7429-90-5	ALUMINUM
SB	7440-36-0	ANTIMONY
AS	7440-38-2	ARSENIC
BA	7440-39-3	BARIUM
BE	7440-41-7	BERYLLIUM
CD	7440-43-9	CADMIUM
CA	7440-70-2	CALCIUM
CR	7440-47-3	CHROMIUM
CO	7440-48-4	COBALT
CU	7440-50-8	COPPER
CN	75-13-8	CYANIDE
FE	7439-89-6	IRON
PB	7439-92-1	LEAD
LI		LITHIUM
MG	7439-95-4	MAGNESIUM
MN	7439-96-5	MANGANESE
HG	7439-97-6	MERCURY
NI	7440-02-0	NICKEL
K	7440-09-7	POTASSIUM
SE	7782-49-2	SELENIUM
AG	7440-22-4	SILVER
NA	7440-23-5	SODIUM
TL	7440-28-0	THALLIUM
V	7440-62-6	VANADIUM
ZN	7440-66-6	ZINC
DDD	72-54-8	4,4'-DDD
DDE	72-55-9	4,4'-DDE
DDT	50-29-3	4,4'-DDT
ADR	309-00-2	ALDRIN
CRA	5103-71-9	ALPHA-CHLORDANE
AR2	12674-11-2	AROCLOR-1016
AR1	11104-28-2	AROCLOR-1221
AR3	11141-16-5	AROCLOR-1232
AR4	53469-21-9	AROCLOR-1242
AR5	12672-29-6	AROCLOR-1248

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
AR6	11097-69-1	AROCLOR-1254
AR7	11096-82-5	AROCLOR-1260
BHA	319-84-6	BHC-ALPHA
BHB	319-85-7	BHC-BETA
BHD	319-86-8	BHC-DELTA
BHG	58-89-9	BHC-GAMMA(LINDANE)
DIE	60-57-1	DIELDRIN
ES1	959-98-8	ENDOSULFAN I
ES2	33213-65-9	ENDOSULFAN II
ENS	1031-07-8	ENDOSULFAN SULFATE
END	78-20-8	ENDRIN
EDK	53494-70-5	ENDRIN KETONE
CRG		GAMMA-CHLORDANE
HPC	76-44-8	HEPTACHLOR
HCE	1024-57-3	HEPTACHLOR EPOXIDE
MOC	72-43-5	METHOXYCHLOR
TXP	8001-35-2	TOXAPHENE
124	120-82-1	1,2,4-TRICHLOROBENZENE
128	95-50-1	1,2-DICHLOROBENZENE
12H	122-66-7	1,2-DIPHENYLHYDRAZINE
13B	541-73-1	1,3-DICHLOROBENZENE
14B	106-46-7	1,4-DICHLOROBENZENE
245	95-95-4	2,4,5-TRICHLOROPHENOL
246	88-06-2	2,4,6-TRICHLOROPHENOL
24D	120-83-2	2,4-DICHLOROPHENOL
24M	105-67-9	2,4-DIMETHYLPHENOL
24P	51-28-5	2,4-DINITROPHENOL
24T	121-14-2	2,4-DINITROTOLUENE
26T	606-20-2	2,6-DINITROTOLUENE
2CN	91-58-7	2-CHLORONAPHTHALENE
2CP	95-57-8	2-CHLOROPHENOL
2MN	91-57-6	2-METHYLNAPHTHALENE
2MP	95-48-7	2-METHYLPHENOL
2NA	88-74-4	2-NITROANILINE
2NP	88-75-5	2-NITROPHENOL

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
33B	91-94-1	3,3'-DICHLOROBENZIDINE
3NA	99-09-2	3-NITROANILINE
462	534-52-1	4,6-DINITRO-2-METHYLPHENOL
48P	101-55-3	4-BROMOPHENYL PHENYL ETHER
4C3	59-50-7	4-CHLORO-3-METHYLPHENOL
4CA	106-47-8	4-CHLOROANILINE
4CP	7005-72-3	4-CHLOROPHENYL PHENYL ETHER
4MP	106-44-5	4-METHYLPHENOL
4NA	100-01-6	4-NITROANILINE
4NP	100-02-7	4-NITROPHENOL
ACN	83-32-9	ACENAPHTHENE
ACY	208-96-8	ACENAPHTHYLENE
ATR	120-12-7	ANTHRACENE
BBK		BENZO (B&K) FLUORANTHENE
BAA	56-55-3	BENZO(A)ANTHRACENE
BAP	50-32-8	BENZO(A)PYRENE
BBF	205-99-2	BENZO(B)FLUORANTHENE
BGP	191-24-2	BENZO(GH)PERYLENE
BKF	207-08-9	BENZO(K)FLUORANTHENE
BZA	65-85-0	BENZOIC ACID
BAL	100-51-6	BENZYL ALCOHOL
BBP	85-68-7	BENZYL BUTYL PHTHALATE
BEM	111-91-1	BIS(2-CHLOROETHOXY) METHANE
BET	111-44-4	BIS(2-CHLOROETHYL) ETHER
BIT	108-60-1	BIS(2-CHLOROISOPROPYL) ETHER
BPH	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
CAF	58-08-2	CAFFEINE
CRY	218-01-9	CHRYSENE
DBP	84-74-2	DI-N-BUTYL PHTHALATE
DOP	117-84-0	DI-N-OCTYL PHTHALATE
DBA	53-70-3	DIBENZO(A,H)ANTHRACENE
DBF	132-64-9	DIBENZOFURAN
DEP	84-66-2	DIETHYL PHTHALATE
DMP	131-11-3	DIMETHYL PHTHALATE
FLA	206-44-0	FLUORANTHENE

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MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
FLE	86-73-7	FLUORENE
HBE	118-74-1	HEXACHLOROBENZENE
HBU	87-68-3	HEXACHLOROBUTADIENE
HCP	77-47-4	HEXACHLOROCTCLOPENTADIENE
HET	67-72-1	HEXACHLOROETHANE
ICP	193-39-5	INDENO(1,2,3-CD)PYRENE
ISP	78-59-1	ISOPHORONE
NPR	621-64-7	N-NITROSODINPROPYLAMINE
NPH	86-30-6	N-NITROSODIPHENYLAMINE
NAP	91-20-3	NAPHTHALENE
NTB	98-95-3	NITROBENZENE
PCP	87-86-5	PENTACHLOROPHENOL
PAN	85-01-8	PHENANTHRENE
PHE	108-95-2	PHENOL
PYR	129-00-0	PYRENE
AP1	80-56-8	α -PINENE
DLI	5989-27-5	d-LIMONENE
111	71-55-6	1,1,1-TRICHLOROETHANE
1TE	79-34-5	1,1,2,2-TETRACHLOROETHANE
112	79-00-5	1,1,2-TRICHLOROETHANE
11A	75-34-3	1,1-DICHLOROETHANE
1DE	75-35-4	1,1-DICHLOROETHENE
12A	107-06-2	1,2-DICHLOROETHANE
DCE	540-59-0	1,2-DICHLOROETHENE (TOTAL)
12P	78-87-5	1,2-DICHLOROPROPANE
2BU	78-93-3	2-BUTANONE
2HX	591-78-6	2-HEXANONE
4M2	108-10-1	4-METHYL-2-PENTANONE
ACT	67-64-1	ACETONE
BEN	71-43-2	BENZENE
BDM	75-27-4	BROMODICHLOROMETHANE
BFM	75-25-2	BROMOFORM
BRM	74-83-9	BROMOMETHANE
CDS	75-15-0	CARBON DISULFIDE
CCL	56-23-5	CARBON TETRACHLORIDE

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MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
CBN	108-90-7	CHLOROBENZENE
CET	75-00-3	CHLOROETHANE
CFM	67-66-3	CHLOROFORM
CLM	74-87-3	CHLOROMETHANE
C13	10061-01-5	CIS-1,3-DICHLOROPROPENE
DBC	124-48-1	DIBROMOCHLOROMETHANE
EBN	100-41-4	ETHYLBENZENE
MCL	75-09-2	METHYLENE CHLORIDE
STY	100-42-5	STYRENE
PCE	127-18-4	TETRACHLOROETHENE
TOL	108-88-3	TOLUENE
T13	10061-02-6	TRANS-1,3-DICHLOROPROPENE
TCE	79-01-6	TRICHLOROETHENE
VAC	108-05-4	VINYL ACETATE
VC	75-01-4	VINYL CHLORIDE
XY	1330-20-7	XYLENE (TOTAL)

DMS CHEMICAL OBSERVATIONS MATRIX
TEPIAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS

MATRIX REPORT CHEMICAL LISTING

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CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
S01		GROSS ALPHA, TOTAL
S02		GROSS BETA, TOTAL
S03		RADIUM 226, TOTAL
S04		RADIUM 228, TOTAL
S05		THORIUM 230, TOTAL
S06		THORIUM 232, TOTAL
S10		TOTAL THORIUM, BY ALPHA SCINT.
S07		URANIUM 234, TOTAL
S08		URANIUM 235, TOTAL
S09		URANIUM 238, TOTAL

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

Volatile Organics

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - SOIL BORINGS
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: VORG

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
111	1,1,1-TRICHLOROETHANE	UG/KG	128	9	0.0703	1.000	480.000	56.556	149.723
112	1,1,2-TRICHLOROETHANE	UG/KG	128	1	0.0078	320.000	320.000	320.000	0.000
1DE	1,1-DICHLOROETHENE	UG/KG	128	1	0.0078	12.000	12.000	12.000	0.000
DCE	1,2-DICHLOROETHENE (TOTAL)	UG/KG	128	2	0.0156	9.000	22.000	15.500	6.500
2BU	2-BUTANONE	UG/KG	57	25	0.4386	3.000	130.000	32.000	36.766
4M2	4-METHYL-2-PENTANONE	UG/KG	128	1	0.0078	2,100.000	2,100.000	2,100.000	0.000
ACT	ACETONE	UG/KG	128	49	0.3828	5.000	880.000	138.490	188.461
BEN	BENZENE	UG/KG	128	8	0.0625	2.000	4,700.000	1,011.625	1,501.566
BFM	BROMOFORM	UG/KG	128	1	0.0078	480.000	480.000	480.000	0.000
CDS	CARBON DISULFIDE	UG/KG	125	10	0.0800	2.000	48.000	8.100	13.405
CBN	CHLOROBENZENE	UG/KG	128	1	0.0078	14.000	14.000	14.000	0.000
CFM	CHLOROFORM	UG/KG	127	4	0.0315	1.000	2.000	1.500	0.500
EBN	ETHYLBENZENE	UG/KG	127	8	0.0630	12.000	39,000.000	5,565.875	12,685.891
MCL	METHYLENE CHLORIDE	UG/KG	128	12	0.0938	1.000	78.000	24.417	25.201
PCE	TETRACHLOROETHENE	UG/KG	128	1	0.0078	14.000	14.000	14.000	0.000
TOL	TOLUENE	UG/KG	128	17	0.1328	1.000	77,000.000	5,057.118	18,092.956
TCE	TRICHLOROETHENE	UG/KG	128	1	0.0078	13.000	13.000	13.000	0.000
XY	XYLENE (TOTAL)	UG/KG	128	18	0.1406	1.000	220,000.000	14,243.833	50,156.691

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS: CHEMICAL OBSERVATIONS MATRIX
 STEPHAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SUB-SAMPLE ID:	A	A	A	B	DUP
STATION ID:	BM	BM2	BM3	BM3	BM3D
SAMPLE DATE:	02/25/1992	08/04/1992	08/04/1992	08/04/1992	08/04/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	0.00	1.00	3.00	1.00
LOWER DEPTH:	1.00	1.00	3.00	4.00	3.00
1,1,1-TRICHLOROETHANE UG/KG	5DYJ	7UY	10UY	14UYJ	9UY
1,1,2,2-TETRACHLOROETHANE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
1,1,2-TRICHLOROETHANE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
1,1-DICHLOROETHANE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
1,1-DICHLOROETHENE UG/KG	9UYJ	7UY	10UY	120YJ	9UY
1,2-DICHLOROETHANE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
1,2-DICHLOROPROPANE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
2-BUTANONE UG/KG	19UYJ	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
4-METHYL-2-PENTANONE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
ACETONE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
BENZENE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
BROMODICHLOROMETHANE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
BROMOFORM UG/KG	9UYJ	7UY	10UYJ	14UYJ	9UYJ
BROMOMETHANE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
CARBON DISULFIDE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
CARBON TETRACHLORIDE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
CHLOROBENZENE UG/KG	9UYJ	7UY	10UY	14DYJ	9UY
CHLOROETHANE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
CHLOROFORM UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
CHLOROMETHANE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
CIS-1,3-DICHLOROPROPENE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
DIBROMOCHLOROMETHANE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
ETHYLBENZENE UG/KG	9UYJ	7UY	10UY	120YJ	9UY
METHYLENE CHLORIDE UG/KG	5UYJ	7UY	10UY	27DYJ	3DYJ
STYRENE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
TETRACHLOROETHENE UG/KG	9UYJ	7UY	10UY	14DYJ	9UY
TOLUENE UG/KG	9UYJ	7UY	10UY	220YJ	9UY
TRANS-1,3-DICHLOROPROPENE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY

NNN-/-XXABCCDD POSITIONALLY N=VALUE, (-/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SAMPLE ID:	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SUB-SAMPLE ID:	A	A	A	B	DUP
STATION ID:	BM	BM2	BM3	BM3	BM3D
SAMPLE DATE:	02/25/1992	08/04/1992	08/04/1992	08/04/1992	08/04/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	0.00	1.00	3.00	1.00
LOWER DEPTH:	1.00	1.00	3.00	4.00	3.00
TRICHLOROETHENE UG/KG	9UYJ	7UY	10UY	14UYJ	9UY
VINYL ACETATE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
VINYL CHLORIDE UG/KG	19UYJ	14UY	19UY	29UYJ	19UY
XYLENE (TOTAL) UG/KG	9UYJ	7UY	10UY	110YJ	9UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C01-01	C01-01	C01-01	C01-01D	C02-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C01	C01	C01	C01	C02
SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/30/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	0.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	2.00
1,1,1-TRICHLOROETHANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
1,1-DICHLOROETHANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
1,1-DICHLOROETHENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
1,2-DICHLOROETHANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UY	6UY	6UY	6UY	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
2-BUTANONE UG/KG	27DY	11DYJ	11UY	20DY	UYR
2-HEXANONE UG/KG	12UY	11UY	11UY	13UY	12UYJ
4-METHYL-2-PENTANONE UG/KG	12UY	11UY	11UY	13UY	12UYJ
ACETONE UG/KG	170DY	370YJ	21DYJ	190DY	170YJ
BENZENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
BROMODICHLOROMETHANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
BROMOFORM UG/KG	6UY	6UY	6UY	6UY	6UYJ
BROMOMETHANE UG/KG	12UY	11UY	11UY	13UY	12UYJ
CARBON DISULFIDE UG/KG	6UY	6UY	6UY	6UY	6UYJ
CARBON TETRACHLORIDE UG/KG	6UY	6UY	6UY	6UY	6UYJ
CHLOROBENZENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
CHLOROETHANE UG/KG	12UY	11UY	11UY	13UY	12UYJ
CHLOROFORM UG/KG	6UY	2DYJ	1DYJ	6UY	6UYJ
CHLOROMETHANE UG/KG	12UY	11UY	11UY	13UY	12UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
DIBROMOCHLOROMETHANE UG/KG	6UY	6UY	6UY	6UY	6UYJ
ETHYLBENZENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
METHYLENE CHLORIDE UG/KG	6UY	19DYJ	16DYJ	14UY	6UYJ
STYRENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
TETRACHLOROETHENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
TOLUENE UG/KG	6UY	6UY	6UY	10YJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UY	6UY	6UY	6UY	6UYJ

NNN+/XXABCCDD POSITIONALLY N-VALUE, (+/XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C01-01 A	C01-01 B	C01-01 C	C01-01D DUP	C02-01 A
SAMPLE ID:	C01	C01	C01	C01	C02
SUB-SAMPLE ID:	03/30/1992	03/30/1992	03/30/1992	03/30/1992	04/08/1992
STATION ID:					
SAMPLE DATE:					
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	0.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	2.00
TRICHLOROETHENE UG/KG	6UY	6UY	6UY	6UY	6UYJ
VINYL ACETATE UG/KG	12UY	11UY	11UY	13UY	12UYJ
VINYL CHLORIDE UG/KG	12UY	11UY	11UY	13UY	12UYJ
XYLENE (TOTAL) UG/KG	6UY	6UY	6UY	6UY	6UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C02-01	C03-01	C03-01	C04-01	C04-01
SUB-SAMPLE ID:	B	A	B	A	B
STATION ID:	C02	C03	C03	C04	C04
SAMPLE DATE:	04/08/1992	03/31/1992	03/31/1992	02/14/1992	02/14/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	0.00	2.00	3.00	5.00
LOWER DEPTH:	4.00	2.00	4.00	5.00	7.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
1,1-DICHLOROETHANE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
1,1-DICHLOROETHENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
1,2-DICHLOROETHANE UG/KG	6UYJ	6UY	6UY	UYR	UYR
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
2-BUTANONE UG/KG	UYR	12UY	90YJ	11UYJ	10UYJ
2-HEXANONE UG/KG	12UYJ	12UY	12UY	11UYJ	10UYJ
4-METHYL-2-PENTANONE UG/KG	12UYJ	12UY	12UY	11UYJ	10UYJ
ACETONE UG/KG	13DYJ	15UY	30UY	11UYJ	10UYJ
BENZENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
(BROMODICHLOROMETHANE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
BROMOFORM UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
BROMOMETHANE UG/KG	12UYJ	12UY	12UY	11UYJ	10UYJ
CARBON DISULFIDE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
CARBON TETRACHLORIDE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
CHLOROBENZENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
CHLOROETHANE UG/KG	12UYJ	12UY	12UY	11UYJ	10UYJ
CHLOROFORM UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
CHLOROMETHANE UG/KG	12UYJ	12UY	12UY	11UYJ	10UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
DIBROMOCHLOROMETHANE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
ETHYLBENZENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
METHYLENE CHLORIDE UG/KG	6UYJ	13UY	19UY	8UYJ	11UYJ
STYRENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
TETRACHLOROETHENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
TOLUENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ

NNN /-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C02-01	C03-01	C03-01	C04-01	C04-01
SAMPLE ID:	C02-01	C03-01	C03-01	C04-01	C04-01
SUB-SAMPLE ID:	B	A	B	A	B
STATION ID:	C02	C03	C03	C04	C04
SAMPLE DATE:	04/08/1992	03/31/1992	03/31/1992	02/14/1992	02/14/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	0.00	2.00	3.00	5.00
LOWER DEPTH:	4.00	2.00	4.00	5.00	7.00
TRICHLOROETHENE UG/KG	6UYJ	6UY	6UY	5UYJ	5UYJ
VINYL ACETATE UG/KG	12UYJ	12UY	12UY	11UYJ	10UYJ
VINYL CHLORIDE UG/KG	12UYJ	12UY	12UY	11UYJ	10UYJ
XYLENE (TOTAL) UG/KG	6UYJ	6UY	6UY	5UYJ	10YJ

NNN*//XXABCCDD POSITIONALLY N=VALUE, (/XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C04-01	C05-01	C05-01	C06-01	C07-01
SUB-SAMPLE ID:	C	A	B	A	A
STATION ID:	C04	C05	C05	C06	C07
SAMPLE DATE:	02/14/1992	02/12/1992	02/12/1992	04/08/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	9.00	2.00	4.00	2.00	4.00
1,1,1-TRICHLOROETHANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
1,1,2,2-TETRACHLOROETHANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
1,1,2-TRICHLOROETHANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
1,1-DICHLOROETHANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
1,1-DICHLOROETHENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
1,2-DICHLOROETHANE UG/KG	UYR	6UY	6UY	6UYJ	8UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
1,2-DICHLOROPROPANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
2-BUTANONE UG/KG	11UYJ	11UY	11UY	UYR	18DYJ
2-HEXANONE UG/KG	11UYJ	11UY	11UY	12UYJ	15UY
4-METHYL-2-PENTANONE UG/KG	11UYJ	11UY	11UY	12UYJ	15UY
ACETONE UG/KG	11UYJ	11UY	18DYJ	12UYJ	92DY
BENZENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
BROMODICHLOROMETHANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
BROMOCHLOROMETHANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
BROMOMETHANE UG/KG	11UYJ	11UY	11UY	12UYJ	15UY
CARBON DISULFIDE UG/KG	5UYJ	6UY	2DYJ	6UYJ	8UY
CARBON TETRACHLORIDE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
CHLOROBENZENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
CHLOROETHANE UG/KG	11UYJ	11UY	11UY	12UYJ	15UY
CHLOROFORM UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
CHLOROMETHANE UG/KG	11UYJ	11UY	11UY	12UYJ	15UY
CIS-1,3-DICHLOROPROPENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
DIBROMOCHLOROMETHANE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
ETHYLBENZENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
METHYLENE CHLORIDE UG/KG	20UYJ	22UYJ	23UYJ	6UYJ	8UY
STYRENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
TETRACHLOROETHENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
TOLUENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
TRANS-1,3-DICHLOROPROPENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADIS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C04-01	C05-01	C05-01	C06-01	C07-01
SUB-SAMPLE ID:	C	A	B	A	A
STATION ID:	C04	C05	C05	C06	C07
SAMPLE DATE:	02/14/1992	02/12/1992	02/12/1992	04/08/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	9.00	2.00	4.00	2.00	4.00
TRICHLOROETHENE UG/KG	5UYJ	6UY	6UY	6UYJ	8UY
VINYL ACETATE UG/KG	11UYJ	11UY	11UY	12UYJ	15UY
VINYL CHLORIDE UG/KG	11UYJ	11UY	11UY	12UYJ	15UY
XYLENE (TOTAL) UG/KG	5UYJ	10YJ	10YJ	6UYJ	8UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C07-01	C07-01	C08-01	C08-01	C09-01
SAMPLE ID:	C07-01	C07-01	C08-01	C08-01	C09-01
SUB-SAMPLE ID:	8	C	A	B	A
STATION ID:	C07	C07	C08	C08	C09
SAMPLE DATE:	03/31/1992	03/31/1992	03/31/1992	03/31/1992	04/03/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	5.00	0.00	2.00	0.00
LOWER DEPTH:	5.00	7.00	2.00	4.00	2.00
1,1,1-TRICHLOROETHANE UG/KG	7UY	6UY	6UY	6UY	7UY
1,1,2,2-TETRACHLOROETHANE UG/KG	7UY	6UY	6UY	6UY	7UY
1,1,2-TRICHLOROETHANE UG/KG	7UY	6UY	6UY	6UY	7UY
1,1-DICHLOROETHANE UG/KG	7UY	6UY	6UY	6UY	7UY
1,1-DICHLOROETHENE UG/KG	7UY	6UY	6UY	6UY	7UY
1,2-DICHLOROETHANE UG/KG	7UY	6UY	6UY	6UY	7UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	7UY	6UY	6UY	6UY	7UY
1,2-DICHLOROPROPANE UG/KG	7UY	6UY	6UY	6UY	7UY
2-BUTANONE UG/KG	UYR	UYR	UYR	UYR	120DY
2-HEXANONE UG/KG	14UY	11UY	12UY	13UY	13UY
4-METHYL-2-PENTANONE UG/KG	14UY	11UY	12UY	13UY	13UY
ACETONE UG/KG	55UY	720Y	1060Y	670Y	4600Y
BENZENE UG/KG	7UY	6UY	6UY	6UY	7UY
BROMODICHLOROMETHANE UG/KG	7UY	6UY	6UY	6UY	7UY
BROMOFORM UG/KG	7UY	6UY	6UY	6UY	7UY
BROMOMETHANE UG/KG	14UY	11UY	12UY	13UY	13UY
CARBON DISULFIDE UG/KG	7UY	6UY	6UY	6UY	7UY
CARBON TETRACHLORIDE UG/KG	7UY	6UY	6UY	6UY	7UY
CHLOROBENZENE UG/KG	7UY	6UY	6UY	6UY	7UY
CHLOROETHANE UG/KG	14UY	11UY	12UY	13UY	13UY
CHLOROFORM UG/KG	7UY	6UY	6UY	6UY	7UY
CHLOROMETHANE UG/KG	14UY	11UY	12UY	13UY	13UY
CIS-1,3-DICHLOROPROPENE UG/KG	7UY	6UY	6UY	6UY	7UY
DIBROMOCHLOROMETHANE UG/KG	7UY	6UY	6UY	6UY	7UY
ETHYLBENZENE UG/KG	7UY	6UY	6UY	6UY	7UY
METHYLENE CHLORIDE UG/KG	7UY	6UY	6UY	6UY	390Y
STYRENE UG/KG	7UY	6UY	6UY	6UY	7UY
TETRACHLOROETHENE UG/KG	7UY	6UY	6UY	6UY	7UY
TOLUENE UG/KG	7UY	6UY	10YJ	6UY	10YJ
TRANS-1,3-DICHLOROPROPENE UG/KG	7UY	6UY	6UY	6UY	7UY

NNN+/XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C07-01	C07-01	C08-01	C08-01	C09-01
SAMPLE ID:	8	C	A	B	A
SUB-SAMPLE ID:					
STATION ID:	C07	C07	C08	C08	C09
SAMPLE DATE:	03/31/1992	03/31/1992	03/31/1992	03/31/1992	04/03/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	5.00	0.00	2.00	0.00
LOWER DEPTH:	5.00	7.00	2.00	4.00	2.00
TRICHLOROETHENE UG/KG	7UY	6UY	6UY	6UY	7UY
VINYL ACETATE UG/KG	14UY	11UY	12UY	13UY	13UY
VINYL CHLORIDE UG/KG	14UY	11UY	12UY	13UY	13UY
XYLENE (TOTAL) UG/KG	7UY	6UY	6UY	6UY	7UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN - tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C09-01	C10-01	C10-01	C10-01	C11-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C09	C10	C10	C10	C11
SAMPLE DATE:	04/03/1992	04/03/1992	04/03/1992	04/03/1992	02/27/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	4.00	6.00	3.00
LOWER DEPTH:	6.00	3.00	6.00	8.00	5.00
1,1,1-TRICHLOROETHANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	3DYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	J
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
2-BUTANONE UG/KG	12UY	UYR	11UYJ	11UYJ	UYR
2-HEXANONE UG/KG	12UY	67UYJ	11UYJ	11UYJ	13UYJ
4-METHYL-2-PENTANONE UG/KG	12UY	67UYJ	11UYJ	11UYJ	13UYJ
ACETONE UG/KG	46DY	310DYJ	21UYJ	14UYJ	7DYJ
BENZENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
BROMOFORM UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
BROMOMETHANE UG/KG	12UY	67UYJ	11UYJ	11UYJ	13UYJ
CARBON DISULFIDE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
CARBON TETRACHLORIDE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
CHLOROBENZENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
CHLOROETHANE UG/KG	12UY	67UYJ	11UYJ	11UYJ	13UYJ
CHLOROFORM UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
CHLOROMETHANE UG/KG	12UY	67UYJ	11UYJ	11UYJ	13UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
DIBROMOCHLOROMETHANE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
ETHYLBENZENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	8UY	34UYJ	14UYJ	13UYJ	6UYJ
STYRENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
TETRACHLOROETHENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
TOLUENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C09-01	C10-01	C10-01	C10-01	C11-01
SAMPLE ID:	C09-01	C10-01	C10-01	C10-01	C11-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C09	C10	C10	C10	C11
SAMPLE DATE:	04/03/1992	04/03/1992	04/03/1992	04/03/1992	02/27/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	4.00	6.00	3.00
LOWER DEPTH:	6.00	3.00	6.00	8.00	5.00
TRICHLOROETHENE UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ
VINYL ACETATE UG/KG	12UY	67UYJ	11UYJ	11UYJ	13UYJ
VINYL CHLORIDE UG/KG	12UY	67UYJ	11UYJ	11UYJ	13UYJ
XYLENE (TOTAL) UG/KG	6UY	34UYJ	6UYJ	6UYJ	6UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C11-01	C11-01	C11-01D	C12-01	C12-01
SAMPLE ID:	B	C	DUP	A	B
SUB-SAMPLE ID:					
STATION ID:	C11	C11	C11	C12	C12
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	04/02/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	7.00	5.00	0.50	2.50
LOWER DEPTH:	7.00	9.00	7.00	2.50	4.50
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
1,1-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
1,1-DICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
1,2-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
2-BUTANONE UG/KG	UYR	UYR	UYR	80YJ	11UY
2-HEXANONE UG/KG	12UYJ	12UYJ	12UYJ	11UY	11UY
4-METHYL-2-PENTANONE UG/KG	12UYJ	12UYJ	12UYJ	11UY	11UY
ACETONE UG/KG	140YJ	220YJ	160YJ	30UY	32UY
BENZENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
BROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
BROMOFORM UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
BROMOMETHANE UG/KG	12UYJ	12UYJ	12UYJ	11UY	11UY
CARBON DISULFIDE UG/KG	6UYJ	6UYJ	6UYJ	20YJ	20YJ
CARBON TETRACHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
CHLOROBENZENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
CHLOROETHANE UG/KG	12UYJ	12UYJ	12UYJ	11UY	11UY
CHLOROFORM UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
CHLOROMETHANE UG/KG	12UYJ	12UYJ	12UYJ	11UY	11UY
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
DIBROMOCHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
ETHYLBENZENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
METHYLENE CHLORIDE UG/KG	10YJ	6UYJ	10YJ	18UY	22UY
STYRENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
TETRACHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
TOLUENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 UN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C11-01	C11-01	C11-01D	C12-01	C12-01
SAMPLE ID:	C11-01	C11-01	C11-01D	C12-01	C12-01
SUB-SAMPLE ID:	B	C	DUP	A	B
STATION ID:	C11	C11	C11	C12	C12
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	04/02/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	7.00	5.00	0.50	2.50
LOWER DEPTH:	7.00	9.00	7.00	2.50	4.50
TRICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	5UY	5UY
VINYL ACETATE UG/KG	12UYJ	12UYJ	12UYJ	11UY	11UY
VINYL CHLORIDE UG/KG	12UYJ	12UYJ	12UYJ	11UY	11UY
XYLENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	2DYJ	2DYJ

NNJ+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JM = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C13-01	C13-01	C13-01	C14-01	C14-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C13	C13	C13	C14	C14
SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/31/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	2.00	4.00
LOWER DEPTH:	3.00	5.00	7.00	4.00	6.00
1,1,1-TRICHLOROETHANE UG/KG	6UY	6UY	5UY	8UY	6UY
1,1,2,2-TETRACHLOROETHANE UG/KG	6UY	6UY	5UY	8UY	6UY
1,1,2-TRICHLOROETHANE UG/KG	6UY	6UY	5UY	8UY	6UY
1,1-DICHLOROETHANE UG/KG	6UY	6UY	5UY	8UY	6UY
1,1-DICHLOROETHENE UG/KG	6UY	6UY	5UY	8UY	6UY
1,2-DICHLOROETHANE UG/KG	6UY	6UY	5UY	8UY	6UY
1,2-DICHLOROBENZENE (TOTAL) UG/KG	6UY	6UY	5UY	8UY	6UY
1,1-DICHLOROPROPANE UG/KG	6UY	6UY	5UY	8UY	6UY
2-BUTANONE UG/KG	30UY	20UY	11UY	UYR	100YJ
2-HEXANONE UG/KG	12UY	11UY	11UY	16UY	11UY
4-METHYL-2-PENTANONE UG/KG	12UY	11UY	11UY	16UY	11UY
ACETONE UG/KG	140DYJ	65DYJ	24UY	20UY	44UY
BENZENE UG/KG	6UY	6UY	5UY	8UY	6UY
BROMODICHLOROMETHANE UG/KG	6UY	6UY	5UY	8UY	6UY
BROMOFORM UG/KG	6UY	6UY	5UY	8UY	6UY
BROMOMETHANE UG/KG	12UY	11UY	11UY	16UY	11UY
CARBON DISULFIDE UG/KG	8UY	4DYJ	5UY	8UY	6UY
CARBON TETRACHLORIDE UG/KG	6UY	6UY	5UY	8UY	6UY
CHLOROBENZENE UG/KG	6UY	6UY	5UY	8UY	6UY
CHLOROETHANE UG/KG	12UY	11UY	11UY	16UY	11UY
CHLOROFORM UG/KG	2DYJ	1DYJ	5UY	8UY	6UY
CHLOROMETHANE UG/KG	12UY	11UY	11UY	16UY	11UY
CIS-1,3-DICHLOROPROPENE UG/KG	6UY	6UY	5UY	8UY	6UY
DIBROMOCHLOROMETHANE UG/KG	6UY	6UY	5UY	8UY	6UY
ETHYLBENZENE UG/KG	6UY	6UY	5UY	8UY	6UY
METHYLENE CHLORIDE UG/KG	78DYJ	38DYJ	16UY	8UY	12UY
STYRENE UG/KG	6UY	6UY	5UY	8UY	6UY
TETRACHLOROETHENE UG/KG	6UY	6UY	5UY	8UY	6UY
TOLUENE UG/KG	2DYJ	6UY	5UY	8UY	6UY
TRANS-1,3-DICHLOROPROPENE UG/KG	6UY	6UY	5UY	8UY	6UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
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 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C13-01	C13-01	C13-01	C14-01	C14-01
SAMPLE ID:	C13-01	C13-01	C13-01	C14-01	C14-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C13	C13	C13	C14	C14
SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/31/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	2.00	4.00
LOWER DEPTH:	3.00	5.00	7.00	4.00	6.00
TRICHLOROETHENE UG/KG	6UY	6UY	5UY	8UY	6UY
VINYL ACETATE UG/KG	12UY	11UY	11UY	16UY	11UY
VINYL CHLORIDE UG/KG	12UY	11UY	11UY	16UY	11UY
XYLENE (TOTAL) UG/KG	8DY	3DYJ	5UY	8UY	6UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C15-01	C15-01	C15-01	C16-01	C16-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C15	C15	C15	C16	C16
SAMPLE DATE:	02/26/1992	02/26/1992	02/26/1992	04/01/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	3.00	5.00	1.50	2.50
LOWER DEPTH:	2.00	5.00	7.00	2.50	4.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
1,1-DICHLOROETHANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
1,1-DICHLOROETHENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
1,2-DICHLOROETHANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
1,2-DICHLOROPROPANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
2-BUTANONE UG/KG	11UYJ	120UYJ	40YJ	UYR	15UY
2-HEXANONE UG/KG	11UYJ	74UYJ	11UYJ	15UY	15UY
4-METHYL-2-PENTANONE UG/KG	11UYJ	74UYJ	11UYJ	15UY	15UY
ACETONE UG/KG	11UYJ	5300YJ	39UYJ	15UY	15UY
BENZENE UG/KG	6UYJ	1300YJ	30YJ	8UY	8UY
BROMODICHLOROMETHANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
BROMOFORM UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
BROMOMETHANE UG/KG	11UYJ	74UYJ	11UYJ	15UY	15UY
CARBON DISULFIDE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
CARBON TETRACHLORIDE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
CHLOROBENZENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
CHLOROETHANE UG/KG	11UYJ	74UYJ	11UYJ	15UY	15UY
CHLOROFORM UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
CHLOROMETHANE UG/KG	11UYJ	74UYJ	11UYJ	15UY	15UY
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
DIBROMOCHLOROMETHANE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
ETHYLBENZENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
METHYLENE CHLORIDE UG/KG	6UYJ	37UYJ	5UYJ	8UY	8UY
STYRENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
TETRACHLOROETHENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
TOLUENE UG/KG	6UYJ	300YJ	10YJ	8UY	8UY
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C15-01	C15-01	C15-01	C16-01	C16-01
SAMPLE ID:	C15-01	C15-01	C15-01	C16-01	C16-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C15	C15	C15	C16	C16
SAMPLE DATE:	02/26/1992	02/26/1992	02/26/1992	04/01/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	3.00	5.00	1.50	2.50
LOWER DEPTH:	2.00	5.00	7.00	2.50	4.00
TRICHLOROETHENE UG/KG	6UYJ	37UYJ	6UYJ	8UY	8UY
VINYL ACETATE UG/KG	11UYJ	74UYJ	11UYJ	15UY	15UY
VINYL CHLORIDE UG/KG	11UYJ	74UYJ	11UYJ	15UY	15UY
XYLENE (TOTAL) UG/KG	6UYJ	390YJ	6UYJ	8UY	8UY

NNN+/- XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
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 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C16-01	C17-01	C17-01	C18-01	C18-01
SUB-SAMPLE ID:	C	A	B	A	B
STATION ID:	C16	C17	C17	C18	C18
SAMPLE DATE:	04/01/1992	04/07/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	5.50	2.00	3.00	2.00	4.00
1,1,1-TRICHLOROETHANE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UY	7UYJ	8UYJ	90YJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
2-BUTANONE UG/KG	12UY	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	12UY	14UYJ	15UYJ	13UYJ	11UYJ
4-METHYL-2-PENTANONE UG/KG	12UY	14UYJ	15UYJ	13UYJ	11UYJ
ACETONE UG/KG	12UY	14UYJ	15UYJ	13UYJ	14UYJ
BENZENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
BROMOFORM UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
BROMOMETHANE UG/KG	12UY	14UYJ	15UYJ	13UYJ	11UYJ
CARBON DISULFIDE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
CARBON TETRACHLORIDE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
CHLOROBENZENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
CHLOROETHANE UG/KG	12UY	14UYJ	15UYJ	13UYJ	11UYJ
CHLOROFORM UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
CHLOROMETHANE UG/KG	12UY	14UYJ	15UYJ	13UYJ	11UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
DIBROMOCHLOROMETHANE UG/KG	6UY	7UYJ	7UYJ	7UYJ	6UYJ
ETHYLBENZENE UG/KG	6UY	7UYJ	7UYJ	7UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
STYRENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
TETRACHLOROETHENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
TOLUENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
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	C16-01	C17-01	C17-01	C18-01	C18-01
SAMPLE ID:	C16-01	C17-01	C17-01	C18-01	C18-01
SUB-SAMPLE ID:	C	A	B	A	B
STATION ID:	C16	C17	C17	C18	C18
SAMPLE DATE:	04/01/1992	04/07/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	5.50	2.00	3.00	2.00	4.00
TRICHLOROETHENE UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ
VINYL ACETATE UG/KG	12UY	14UYJ	15UYJ	13UYJ	11UYJ
VINYL CHLORIDE UG/KG	12UY	14UYJ	15UYJ	13UYJ	11UYJ
XYLENE (TOTAL) UG/KG	6UY	7UYJ	8UYJ	7UYJ	6UYJ

NNN+/-XXARCCDD POSITIONALLY N=VALUE, (/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEFAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C19-01	C19-01	C19-01	C20-01	C20-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C19	C19	C19	C20	C20
SAMPLE DATE:	04/08/1992	04/08/1992	04/08/1992	02/18/1992	07/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	4.00	2.50	4.50
LOWER DEPTH:	2.00	4.00	6.00	4.50	6.50
1,1,1-TRICHLOROETHANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
1,1,2-TRICHLOROETHANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
1,1-DICHLOROETHANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
1,1-DICHLOROETHENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
1,2-DICHLOROETHANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
1,2-DICHLOROPROPANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
2-BUTANONE UG/KG	UYR	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	74UYJ	12UY	11UY	11UYJ	1400UYJ
4-METHYL 2-PENTANONE UG/KG	74UYJ	12UY	11UY	11UYJ	1400UYJ
ACETONE UG/KG	390UYJ	20UYJ	160YJ	9UYJ	1400UYJ
BENZENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
BROMODICHLOROMETHANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
BROMOFORM UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
BROMOMETHANE UG/KG	74UYJ	12UY	11UY	11UYJ	1400UYJ
CARBON DISULFIDE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
CARBON TETRACHLORIDE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
CHLOROBENZENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
CHLOROETHANE UG/KG	74UYJ	12UY	11UY	11UYJ	1400UYJ
CHLOROFORM UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
CHLOROMETHANE UG/KG	74UYJ	12UY	11UY	11UYJ	1400UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
DIBROMOCHLOROMETHANE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
ETHYLBENZENE UG/KG	37UYJ	6UY	6UY	6UYJ	390UYJ
METHYLENE CHLORIDE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
STYRENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
TETRACHLOROETHENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
TOLUENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ

NNN+/- XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SAMPLE ID: SUB-SAMPLE ID: STATION ID: SAMPLE DATE: SAMPLE TIME: SAMPLE MATRIX: UPPER DEPTH: LOWER DEPTH:	C19-01 A C19 04/08/1992 SB 0.00 2.00	C19-01 B C19 04/08/1992 SB 2.00 4.00	C19-01 C C19 04/08/1992 SB 4.00 6.00	C20-01 A C20 02/18/1992 SB 2.50 4.50	C20-01 B C20 02/18/1992 SB 4.50 6.50
TRICHLOROETHENE UG/KG	37UYJ	6UY	6UY	6UYJ	680UYJ	
VINYL ACETATE UG/KG	74UYJ	12UY	11UY	11UYJ	1400UYJ	
VINYL CHLORIDE UG/KG	74UYJ	12UY	11UY	11UYJ	1400UYJ	
XYLENE (TOTAL) UG/KG	37UYJ	6UYJ	6UYJ	6UYJ	9600DYJ	

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C20-01	C21-01	C21-01	C22-01	C22-01
SUB-SAMPLE ID:	C	A	B	A	B
STATION ID:	C20	C21	C21	C22	C22
SAMPLE DATE:	02/18/1992	04/07/1992	04/07/1992	02/27/1992	02/27/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.50	0.00	2.00	1.00	3.00
LOWER DEPTH:	8.50	2.00	4.00	3.00	5.00
1,1,1-TRICHLOROETHANE UG/KG	480UYJ	8UYJ	8UYJ	6UYJ	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	320UYJ	8UYJ	8UYJ	6UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
2-BUTANONE UG/KG	UYR	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	1600UYJ	15UYJ	15UYJ	11UYJ	11UYJ
4-METHYL-2-PENTANONE UG/KG	2100UYJ	15UYJ	15UYJ	11UYJ	11UYJ
ACETONE UG/KG	1600UYJ	16UYJ	15UYJ	11UYJ	11UYJ
BENZENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
PERMETHYLENE UG/KG	480UYJ	8UYJ	8UYJ	6UYJ	6UYJ
BROMOMETHANE UG/KG	1600UYJ	15UYJ	15UYJ	11UYJ	11UYJ
CARBON DISULFIDE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
CARBON TETRACHLORIDE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
CHLOROBENZENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
CHLOROETHANE UG/KG	1600UYJ	15UYJ	15UYJ	11UYJ	11UYJ
CHLOROFORM UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
CHLOROMETHANE UG/KG	1600UYJ	15UYJ	15UYJ	11UYJ	11UYJ
1,3-DICHLOROPROPENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
DIBROMOCHLOROMETHANE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
ETHYLBENZENE UG/KG	480UYJ	8UYJ	8UYJ	6UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	790UYJ	8UYJ	11UYJ	20UYJ	6UYJ
STYRENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
TETRACHLOROETHENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
TOLUENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C20-01	C21-01	C21-01	C22-01	C22-01
	C	A	B	A	B
	C20	C21	C21	C22	C22
SAMPLE DATE:	02/18/1992	04/07/1992	04/07/1992	02/27/1992	02/27/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.50	0.00	2.00	1.00	3.00
LOWER DEPTH:	8.50	2.00	4.00	3.00	5.00
TRICHLOROETHENE UG/KG	790UYJ	8UYJ	8UYJ	6UYJ	6UYJ
VINYL ACETATE UG/KG	1600UYJ	15UYJ	15UYJ	11UYJ	11UYJ
VINYL CHLORIDE UG/KG	1600UYJ	15UYJ	15UYJ	11UYJ	11UYJ
XYLENE (TOTAL) UG/KG	2200UYJ	8UYJ	8UYJ	6UYJ	6UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SAMPLE ID:	C22-01	C23-01	C23-01	C23-01D	C24-01
	SUB-SAMPLE ID:	C	A	B	DUP	A
	STATION ID:	C22	C23	C23	C23	C24
	SAMPLE DATE:	02/27/1992	04/02/1992	04/02/1992	04/02/1992	04/07/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	5.00	0.00	4.00	4.00	2.00
	LOWER DEPTH:	7.00	2.00	6.00	6.00	4.00
1,1,1-TRICHLOROETHANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
1,1,2,2-TETRACHLOROETHANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
1,1,2-TRICHLOROETHANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
1,1-DICHLOROETHANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
1,1-DICHLOROETHENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
1,2-DICHLOROETHANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
1,2-DICHLOROETHENE (TOTAL)	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
1,2-DICHLOROPROPANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
2-BUTANONE	UG/KG	UYR	13UYJ	11UY	11UY	38DYJ
2-HEXANONE	UG/KG	11UYJ	13UYJ	11UY	11UY	16UYJ
4-METHYL-2-PENTANONE	UG/KG	11UYJ	13UYJ	11UY	11UY	16UYJ
ACETONE	UG/KG	15UYJ	13UYJ	21UY	15UY	200DYJ
BENZENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
BROMODICHLOROMETHANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
BROMOFORM	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
BROMOMETHANE	UG/KG	11UYJ	13UYJ	11UY	11UY	16UYJ
CARBON DISULFIDE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
CARBON TETRACHLORIDE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
CHLOROBENZENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
CHLOROETHANE	UG/KG	11UYJ	13UYJ	11UY	11UY	16UYJ
CHLOROFORM	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
CHLOROMETHANE	UG/KG	11UYJ	13UYJ	11UY	11UY	16UYJ
CIS-1,3 DICHLOROPROPENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
DIBROMOCHLOROMETHANE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
ETHYLBENZENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
METHYLENE CHLORIDE	UG/KG	30YJ	28UYJ	18UY	17UY	8UYJ
STYRENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
TETRACHLOROETHENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
TOLUENE	UG/KG	6UYJ	6UYJ	6UY	6UY	20YJ
TRANS-1,3 DICHLOROPROPENE	UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C22-01	C23-01	C23-01	C23-01D	C24-01
SAMPLE ID:	C22-01	C23-01	C23-01	C23-01D	C24-01
SUB-SAMPLE ID:	C	A	B	DUP	A
STATION ID:	C22	C23	C23	C23	C24
SAMPLE DATE:	02/27/1992	04/02/1992	04/02/1992	04/02/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	0.00	4.00	4.00	2.00
LOWER DEPTH:	7.00	2.00	6.00	6.00	4.00
TRICHLOROETHENE UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ
VINYL ACETATE UG/KG	11UYJ	13UYJ	11UY	11UY	16UYJ
VINYL CHLORIDE UG/KG	11UYJ	13UYJ	11UY	11UY	16UYJ
XYLENE (TOTAL) UG/KG	6UYJ	6UYJ	6UY	6UY	8UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C24-01	C25-01	C25-01	C25-01	C26-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C24	C25	C25	C25	C26
SAMPLE DATE:	04/07/1992	02/26/1992	02/26/1992	02/26/1992	02/24/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.50	4.50	8.50	0.00
LOWER DEPTH:	6.00	2.50	6.50	10.50	2.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	40YJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
1,1-DICHLOROETHANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
1,1-DICHLOROETHENE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
1,2-DICHLOROETHANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
1,2-DICHLOROPROPANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
2-BUTANONE UG/KG	UYR	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
4-METHYL-2-PENTANONE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
ACETONE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
BENZENE UG/KG	6UYJ	740UYJ	660UYJ	1700UYJ	6UY
BROMODICHLOROMETHANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
BROMOFORM UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
BROMOMETHANE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
CARBON DISULFIDE UG/KG	6UYJ	UYR	UYR	UYR	6UY
CARBON TETRACHLORIDE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
CHLOROBENZENE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
CHLOROETHANE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
CHLOROFORM UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
CHLOROMETHANE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
DIBROMOCHLOROMETHANE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
ETHYLBENZENE UG/KG	6UYJ	9700YJ	3600YJ	39000YJ	6UY
METHYLENE CHLORIDE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	12UY
STYRENE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
TETRACHLOROETHENE UG/KG	6UYJ	740UYJ	720UYJ	3600UYJ	6UY
TOLUENE UG/KG	6UYJ	4900YJ	84000YJ	77000YJ	6UY
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	UYR	UYR	UYR	6UY

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FL-
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C24-01	C25-01	C25-01	C25-01	C26-01
SAMPLE ID:	C24-01	C25-01	C25-01	C25-01	C26-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C24	C25	C25	C25	C26
SAMPLE DATE:	04/07/1992	02/26/1992	02/26/1992	02/26/1992	02/24/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.50	4.50	8.50	0.00
LOWER DEPTH:	6.00	2.50	6.50	10.50	2.00
TRICHLOROETHENE UG/KG	61YYJ	740UYJ	720UYJ	3600UYJ	6UY
VINYL ACETATE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
VINYL CHLORIDE UG/KG	12UYJ	1500UYJ	1400UYJ	7200UYJ	12UY
XYLENE (TOTAL) UG/KG	6UYJ	6500UYJ	20000UYJ	220000UYJ	6UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SAMPLE ID:	C26-01	C26-01	C27-01	C27-01	C27-01
	SUB-SAMPLE ID:	B	C	A	B	C
	STATION ID:	C26	C26	C27	C27	C27
	SAMPLE DATE:	02/24/1992	02/24/1992	02/25/1992	02/25/1992	02/25/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	2.00	4.00	2.00	4.00	6.00
	LOWER DEPTH:	4.00	6.00	4.00	6.00	8.00
1,1,1-TRICHLOROETHANE	UG/KG	6UY	10YJ	9UYJ	6UY	6UY
1,1,2,2-TETRACHLOROETHANE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
1,1,2-TRICHLOROETHANE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
1,1-DICHLOROETHANE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
1,1-DICHLOROETHENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
1,2-DICHLOROETHANE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
1,2-DICHLOROETHENE (TOTAL)	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
1,2-DICHLOROPROPANE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
2-BUTANONE	UG/KG	10YJ	UYR	UYR	UYR	UYR
2-HEXANONE	UG/KG	11UY	11UYJ	18UYJ	12UYJ	12UY
4-METHYL-2-PENTANONE	UG/KG	11UY	11UYJ	18UYJ	12UY	12UY
ACETONE	UG/KG	63UY	120YJ	18UYJ	140YJ	25UY
BENZENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
BROMODICHLOROMETHANE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
BROMOFORM	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
BROMOMETHANE	UG/KG	11UY	11UYJ	18UYJ	12UY	12UY
CARBON DISULFIDE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
CARBON TETRACHLORIDE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
CHLOROBENZENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
CHLOROETHANE	UG/KG	11UY	11UYJ	18UYJ	12UY	12UY
CHLOROFORM	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
CHLOROMETHANE	UG/KG	11UY	11UYJ	18UYJ	12UY	12UY
CIS-1,3-DICHLOROPROPENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
DIBROMOCHLOROMETHANE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
ETHYLBENZENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
METHYLENE CHLORIDE	UG/KG	11UY	11UYJ	9UYJ	12UY	14UY
STYRENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
TETRACHLOROETHENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
TOLUENE	UG/KG	10YJ	6UYJ	9UYJ	6UY	6UY
TRANS-1,3-DICHLOROPROPENE	UG/KG	6UY	6UYJ	9UYJ	6UY	6UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C26-01	C26-01	C27-01	C27-01	C27-01
SAMPLE ID:	C26-01	C26-01	C27-01	C27-01	C27-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C26	C26	C27	C27	C27
SAMPLE DATE:	02/24/1992	02/24/1992	02/25/1992	02/25/1992	02/25/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	2.00	4.00	6.00
LOWER DEPTH:	4.00	6.00	4.00	6.00	8.00
TRICHLOROETHENE UG/KG	6UY	6UYJ	9UYJ	6UY	6UY
VINYL ACETATE UG/KG	11UY	11UYJ	18UYJ	12UY	12UY
VINYL CHLORIDE UG/KG	11UY	11UYJ	18UYJ	12UY	12UY
XYLENE (TOTAL) UG/KG	6UY	6UYJ	9UYJ	6UY	6UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C28-01	C28-01	C28-01	C29-01	C29-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C28	C28	C28	C29	C29
SAMPLE DATE:	02/20/1992	02/20/1992	02/20/1992	04/01/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	5.00	7.00	1.00	5.00
LOWER DEPTH:	5.00	7.00	9.00	3.00	7.00
1,1,1-TRICHLOROETHANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
1,1,2,2-TETRACHLOROETHANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
1,1,2-TRICHLOROETHANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
1,1-DICHLOROETHANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
1,1-DICHLOROETHENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
1,2-DICHLOROETHANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
1,2-DICHLOROPROPANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
2-BUTANONE UG/KG	3DYJ	UYR	UYR	72UY	11UY
2-HEXANONE UG/KG	11UYJ	11UYJ	11UYJ	72UY	11UY
4-METHYL-2-PENTANONE UG/KG	11UYJ	11UYJ	11UYJ	72UY	11UY
ACETONE UG/KG	41DYJ	29DYJ	22UYJ	300DY	29DY
BENZENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
BROMODICHLOROMETHANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
BROMOFORM UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
BROMOMETHANE UG/KG	11UYJ	11UYJ	11UYJ	72UY	11UY
CARBON DISULFIDE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
CARBON TETRACHLORIDE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
CHLOROBENZENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
CHLOROETHANE UG/KG	11UYJ	11UYJ	11UYJ	72UY	11UY
CHLOROFORM UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
CHLOROMETHANE UG/KG	11UYJ	11UYJ	11UYJ	72UY	11UY
CIS-1,3-DICHLOROPROPENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
DIBROMOCHLOROMETHANE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
ETHYLBENZENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
METHYLENE CHLORIDE UG/KG	11UYJ	11UYJ	11UYJ	36UY	6UY
STYRENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
TETRACHLOROETHENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
TOLUENE UG/KG	3DYJ	2DYJ	6UYJ	36UY	6UY
TRANS-1,3-DICHLOROPROPENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY

NNN+/- XXABCCDD POSITIONALLY N=VALUE, (+/-XX ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
UN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEFAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C28-01	C28-01	C28-01	C29-01	C29-01
	A	B	C	A	B
	C28	C28	C28	C29	C29
SAMPLE ID:	C28-01	C28-01	C28-01	C29-01	C29-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C28	C28	C28	C29	C29
SAMPLE DATE:	02/20/1992	02/20/1992	02/20/1992	04/01/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	5.00	7.00	1.00	5.00
LOWER DEPTH:	5.00	7.00	9.00	3.00	7.00
TRICHLOROETHENE UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY
VINYL ACETATE UG/KG	11UYJ	11UYJ	11UYJ	72UY	11UY
VINYL CHLORIDE UG/KG	11UYJ	11UYJ	11UYJ	72UY	11UY
XYLENE (TOTAL) UG/KG	5UYJ	6UYJ	6UYJ	36UY	6UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORIN'S
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C29-01	C29-010	C30-01	C31-01	C31-01
SUB-SAMPLE ID:	C	DUP	A	A	B
STATION ID:	C29	C29	C30	C31	C31
SAMPLE DATE:	04/01/1992	04/01/1992	02/21/1992	02/25/1992	02/25/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	5.00	1.00	2.00	4.00
LOWER DEPTH:	9.00	7.00	3.00	4.00	6.00
1,1,1-TRICHLOROETHANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
2-BUTANONE UG/KG	7DYJ	11UY	UYR	UYR	UYR
2-HEXANONE UG/KG	12UY	11UY	11UYJ	11UYJ	11UYJ
4-METHYL-2-PENTANONE UG/KG	12UY	11UY	11UYJ	11UYJ	11UYJ
ACETONE UG/KG	29UY	32DY	11UYJ	11UYJ	11UYJ
BENZENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
BROMOFORM UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
BROMOMETHANE UG/KG	12UY	11UY	11UYJ	11UYJ	11UYJ
CARBON DISULFIDE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
CARBON TETRACHLORIDE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
CHLOROBENZENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
CHLOROETHANE UG/KG	12UY	11UY	11UYJ	11UYJ	11UYJ
CHLOROFORM UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
CHLOROMETHANE UG/KG	12UY	11UY	11UYJ	11UYJ	11UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
DIBROMOCHLOROMETHANE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
ETHYLBENZENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	15UY	6UY	11UYJ	6UYJ	6UYJ
STYRENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
TETRACHLOROETHENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
TOLUENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ

NNV-// XXABCCDD POSITIONALLY N=VALUE, (// XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C29-01	C29-01D	C30-01	C31-01	C31-01
SUB-SAMPLE ID:	C	DUP	A	A	B
STATION ID:	C29	C29	C30	C31	C31
SAMPLE DATE:	04/01/1992	04/01/1992	02/21/1992	02/25/1992	02/25/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	5.00	1.00	2.00	4.00
LOWER DEPTH:	9.00	7.00	3.00	4.00	6.00
TRICHLOROETHENE UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ
VINYL ACETATE UG/KG	12UY	11UY	11UYJ	11UYJ	11UYJ
VINYL CHLORIDE UG/KG	12UY	11UY	11UYJ	11UYJ	11UYJ
XYLENE (TOTAL) UG/KG	6UY	6UY	6UYJ	6UYJ	6UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C31-01	C32-01	C32-01	C32-01	C32-01D
SUB-SAMPLE ID:	C	A	B	C	DUP
STATION ID:	C31	C32	C32	C32	C32
SAMPLE DATE:	02/25/1992	02/21/1992	02/21/1992	02/21/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	1.00	3.00	5.00	1.00
LOWER DEPTH:	8.00	3.00	5.00	7.00	3.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	5UYJ	YJ	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
2-BUTANONE UG/KG	UYR	11UYJ	UYR	UYR	11UYJ
2-HEXANONE UG/KG	12UYJ	11UYJ	11UYJ	11UYJ	11UYJ
4-METHYL-2-PENTANONE UG/KG	12UYJ	11UYJ	11UYJ	11UYJ	11UYJ
ACETONE UG/KG	7DYJ	6DYJ	16UYJ	13UYJ	11UYJ
BENZENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
BROMOFORM UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
BROMOMETHANE UG/KG	12UYJ	11UYJ	11UYJ	11UYJ	11UYJ
IRON DISULFIDE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	30YJ
CARBON TETRACHLORIDE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
CHLOROBENZENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
CHLOROETHANE UG/KG	12UYJ	11UYJ	11UYJ	11UYJ	11UYJ
CHLOROFORM UG/KG	6UYJ	1UYJ	5UYJ	6UYJ	1UYJ
CHLOROMETHANE UG/KG	12UYJ	11UYJ	11UYJ	11UYJ	11UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
DIBROMOCHLOROMETHANE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
ETHYLBENZENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	6UYJ	14UYJ	11UYJ	12UYJ	18UYJ
STYRENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
TETRACHLOROETHENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
TOLUENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEFAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C31-01	C32-01	C32-01	C32-01	C32-01D
SUB-SAMPLE ID:	C	A	B	C	DUP
STATION ID:	C31	C32	C32	C32	C32
SAMPLE DATE:	02/25/1992	02/21/1992	02/21/1992	02/21/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	1.00	3.00	5.00	1.00
LOWER DEPTH:	8.00	3.00	5.00	7.00	3.00
TRICHLOROETHENE UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	6UYJ
VINYL ACETATE UG/KG	12UYJ	11UYJ	11UYJ	11UYJ	11UYJ
VINYL CHLORIDE UG/KG	12UYJ	11UYJ	11UYJ	11UYJ	11UYJ
XYLENE (TOTAL) UG/KG	6UYJ	6UYJ	5UYJ	6UYJ	30YJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SAMPLE ID: C33-01	C33-01	C33-01	C34-01	C34-01
	SUB-SAMPLE ID: A	B	C	A	B
	STATION ID: C33	C33	C33	C34	C34
	SAMPLE DATE: 02/26/1992	02/26/1992	02/26/1992	02/24/1992	02/24/1992
	SAMPLE TIME:				
	SAMPLE MATRIX: SB	SB	SB	SB	SB
	UPPER DEPTH: 1.00	3.00	7.00	1.00	3.00
	LOWER DEPTH: 3.00	5.00	9.00	3.00	5.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	2DYJ	4DYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
1,1-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
1,1-DICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
1,2-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
2-BUTANONE UG/KG	UYR	UYR	11UYJ	42DYJ	UYR
2-HEXANONE UG/KG	11UYJ	12UYJ	11UYJ	14UY	11UY
4-METHYL-2-PENTANONE UG/KG	11UYJ	12UYJ	11UYJ	14UY	11UY
ACETONE UG/KG	11UYJ	12UYJ	11UYJ	220DY	11UY
BENZENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
BROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
BROMOFORM UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
BROMOMETHANE UG/KG	11UYJ	12UYJ	11UYJ	14UY	11UY
CARBON DISULFIDE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
CARBON TETRACHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
CHLOROBENZENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
CHLOROETHANE UG/KG	11UYJ	12UYJ	11UYJ	14UY	11UY
CHLOROFORM UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
CHLOROMETHANE UG/KG	11UYJ	12UYJ	11UYJ	14UY	11UY
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
DIBROMOCHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
ETHYLBENZENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
METHYLENE CHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	14UY	11UY
STYRENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
TETRACHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
TOLUENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RAD(S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C33-01	C33-01	C33-01	C34-01	C34-01
SAMPLE ID:	C33-01	C33-01	C33-01	C34-01	C34-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C33	C33	C33	C34	C34
SAMPLE DATE:	02/26/1992	02/26/1992	02/26/1992	02/24/1992	02/24/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	7.00	1.00	3.00
LOWER DEPTH:	3.00	5.00	9.00	3.00	5.00
TRICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY
VINYL ACETATE UG/KG	11UYJ	12UYJ	11UYJ	14UY	11UY
VINYL CHLORIDE UG/KG	11UYJ	12UYJ	11UYJ	14UY	11UY
XYLENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	7UY	6UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPHAN MAYWOOD - SOIL BORINGS
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SAMPLE ID:	C34-01	C34-010	C35-01	C35-01	C35-01
SUB-SAMPLE ID:	C	DUP	A	B	C
STATION ID:	C34	C34	C35	C35	C35
SAMPLE DATE:	02/24/1992	02/24/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	1.00	3.00	5.00	7.00
LOWER DEPTH:	7.00	3.00	5.00	7.00	9.00
1,1,1-TRICHLOROETHANE UG/KG	20YJ	80Y	60YJ	50Y	60YJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6YJ	70Y	60YJ	50Y	60YJ
1,1,2-TRICHLOROETHANE UG/KG	60Y	70Y	60YJ	50Y	60YJ
1,1-DICHLOROETHANE UG/KG	60Y	70Y	60YJ	50Y	60YJ
1,1-DICHLOROETHENE UG/KG	60Y	70Y	60YJ	50Y	60YJ
1,2-DICHLOROETHANE UG/KG	60Y	70Y	60YJ	50Y	60YJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	60Y	70Y	60YJ	50Y	60YJ
1,2-DICHLOROPROPANE UG/KG	60Y	70Y	60YJ	50Y	60YJ
2-BUTANONE UG/KG	UYR	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	120Y	140Y	110YJ	110Y	110YJ
4-METHYL-2-PENTANONE UG/KG	120Y	140Y	110YJ	110Y	110YJ
ACETONE UG/KG	120Y	1100Y	350YJ	170Y	150YJ
BENZENE UG/KG	60Y	70Y	60YJ	50Y	60YJ
BROMODICHLOROMETHANE UG/KG	60Y	70Y	60YJ	50Y	60YJ
BROMOFORM UG/KG	60Y	70Y	60YJ	50Y	60YJ
BROMOMETHANE UG/KG	120Y	140Y	110YJ	110Y	110YJ
CARBON DISULFIDE UG/KG	60Y	70Y	60YJ	50Y	60YJ
CARBON TETRACHLORIDE UG/KG	60Y	70Y	60YJ	50Y	60YJ
CHLOROBENZENE UG/KG	60Y	70Y	60YJ	50Y	60YJ
CHLOROETHANE UG/KG	120Y	140Y	110YJ	110Y	110YJ
CHLOROFORM UG/KG	60Y	70Y	60YJ	50Y	60YJ
CHLOROMETHANE UG/KG	120Y	140Y	110YJ	110Y	110YJ
CIS-1,3-DICHLOROPROPENE UG/KG	60Y	70Y	60YJ	50Y	60YJ
DIBROMOCHLOROMETHANE UG/KG	60Y	70Y	60YJ	50Y	60YJ
ETHYLBENZENE UG/KG	60Y	70Y	60YJ	50Y	60YJ
METHYLENE CHLORIDE UG/KG	120Y	140Y	60YJ	110Y	110YJ
STYRENE UG/KG	60Y	70Y	60YJ	50Y	60YJ
TETRACHLOROETHENE UG/KG	60Y	70Y	60YJ	50Y	60YJ
TOLUENE UG/KG	60Y	20YJ	60YJ	50Y	60YJ
TRANS-1,3-DICHLOROPROPENE UG/KG	60Y	70Y	60YJ	50Y	60YJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=UGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C34-01	C34-01D	C35-01	C35-01	C35-01
SAMPLE ID:	C34-01	C34-01D	C35-01	C35-01	C35-01
SUB-SAMPLE ID:	C	DUP	A	B	C
STATION ID:	C34	C34	C35	C35	C35
SAMPLE DATE:	02/24/1992	02/24/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	1.00	3.00	5.00	7.00
LOWER DEPTH:	7.00	3.00	5.00	7.00	9.00
TRICHLOROETHENE UG/KG	6UY	7UY	6UYJ	5UY	6UYJ
VINYL ACETATE UG/KG	12UY	14UY	11UYJ	11UY	11UYJ
VINYL CHLORIDE UG/KG	12UY	14UY	11UYJ	11UY	11UYJ
XYLENE (TOTAL) UG/KG	6UY	7UY	6UYJ	5UY	6UYJ

NNN•/•XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
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 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SAMPLE ID: SUB-SAMPLE ID: STATION ID: SAMPLE DATE: SAMPLE TIME: SAMPLE MATRIX: UPPER DEPTH: LOWER DEPTH:	C36-01 A C36 04/07/1992 SB 0.00 2.00	C36-01 B C36 04/07/1992 SB 2.00 4.00	C36-01 C C36 04/07/1992 SB 4.00 6.00	C37-01 A C37 04/08/1992 SB 0.00 2.00	C37-01 B C37 04/08/1992 SB 2.00 4.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
1,1-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
1,1-DICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
1,2-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
2-BUTANONE UG/KG	UYR	UYR	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	13UYJ	11UYJ	11UYJ	12UYJ	14UYJ	
4-METHYL-2-PENTANONE UG/KG	13UYJ	11UYJ	11UYJ	12UYJ	14UYJ	
ACETONE UG/KG	13UYJ	11UYJ	10UYJ	12UYJ	14UYJ	
BENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
BROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
BROMOFORM UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
BROMOMETHANE UG/KG	13UYJ	11UYJ	11UYJ	12UYJ	14UYJ	
CARBON DISULFIDE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
CARBON TETRACHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
CHLOROBENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
CHLOROETHANE UG/KG	13UYJ	11UYJ	11UYJ	12UYJ	14UYJ	
CHLOROFORM UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
CHLOROMETHANE UG/KG	13UYJ	11UYJ	11UYJ	12UYJ	14UYJ	
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
DIBROMOCHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
ETHYLBENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
METHYLENE CHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
STYRENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
TETRACHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
TOLUENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ	

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C36-01	C36-01	C36-01	C37-01	C37-01
	A	B	C	A	B
SAMPLE ID:	C36	C36	C36	C37	C37
SUB-SAMPLE ID:					
STATION ID:					
SAMPLE DATE:	04/07/1992	04/07/1992	04/07/1992	04/08/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	4.00	0.00	2.00
LOWER DEPTH:	2.00	4.00	6.00	2.00	4.00
TRICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ
VINYL ACETATE UG/KG	13UYJ	11UYJ	11UYJ	12UYJ	14UYJ
VINYL CHLORIDE UG/KG	13UYJ	11UYJ	11UYJ	12UYJ	14UYJ
XYLENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	7UYJ

NNN-XXABCCDD POSITIONALLY N=VALUE, (-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C37-01D	C38-01	C38-01	C38-01	C39-01
SUB-SAMPLE ID:	DUP	A	B	C	A
STATION ID:	C37	C38	C38	C38	C39
SAMPLE DATE:	04/08/1992	02/18/1992	02/18/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	8.00	10.00	12.00	0.00
LOWER DEPTH:	2.00	10.00	12.00	14.00	2.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
2-BUTANONE UG/KG	UYR	UYR	UYR	UYR	UYR
2-HEXANONE UG/KG	12UYJ	15UYJ	16UYJ	12UYJ	11UYJ
4-METHYL-2-PENTANONE UG/KG	12UYJ	15UYJ	16UYJ	12UYJ	11UYJ
ACETONE UG/KG	5UYJ	23UYJ	29UYJ	6UYJ	11UYJ
BENZENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
BROMOFORM UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
BROMOMETHANE UG/KG	12UYJ	15UYJ	16UYJ	12UYJ	11UYJ
CARBON DISULFIDE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
CARBON TETRACHLORIDE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
CHLOROBENZENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
CHLOROETHANE UG/KG	12UYJ	15UYJ	16UYJ	12UYJ	11UYJ
CHLOROFORM UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
CHLOROMETHANE UG/KG	12UYJ	15UYJ	16UYJ	12UYJ	11UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
DIBROMOCHLOROMETHANE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
ETHYLBENZENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
STYRENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
TETRACHLOROETHENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
TOLUENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C37-010	C38-01	C38-01	C38-01	C39-01
SUB-SAMPLE ID:	DUP	A	B	C	A
STATION ID:	C37	C38	C38	C38	C39
SAMPLE DATE:	04/08/1992	02/18/1992	02/18/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	8.00	10.00	12.00	0.00
LOWER DEPTH:	2.00	10.00	12.00	14.00	2.00
TRICHLOROETHENE UG/KG	6UYJ	7UYJ	8UYJ	6UYJ	6UYJ
VINYL ACETATE UG/KG	12JYJ	15UYJ	16UYJ	12UYJ	11UYJ
VINYL CHLORIDE UG/KG	12UYJ	15UYJ	16UYJ	12UYJ	11UYJ
XYLENE (TOTAL) UG/KG	6UYJ	7UYJ	8UYJ	20YJ	6UYJ

NNN-/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
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	C39-01	C39-01	C39-01D	C40-01	C40-01
SAMPLE ID:	B	C	DUP	A	B
SUB-SAMPLE ID:					
STATION ID:	C39	C39	C39	C40	C40
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	02/13/1992	02/13/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	6.00	6.00	2.00	4.00
LOWER DEPTH:	6.00	8.00	8.00	4.00	6.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
2-BUTANONE UG/KG	11UYJ	UYR	UYR	11UYJ	12UYJ
2-HEXANONE UG/KG	11UYJ	11UYJ	13UYJ	11UYJ	12UYJ
4-METHYL-2-PENTANONE UG/KG	11UYJ	11UYJ	13UYJ	11UYJ	12UYJ
ACETONE UG/KG	6UYJ	11UYJ	13UYJ	11UYJ	21UYJ
BENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
BROMOFORM UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
BROMOMETHANE UG/KG	11UYJ	11UYJ	13UYJ	11UYJ	12UYJ
CARBON DISULFIDE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
CARBON TETRACHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
CHLOROBENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
CHLOROETHANE UG/KG	11UYJ	11UYJ	13UYJ	11UYJ	12UYJ
CHLOROFORM UG/KG	UYR	6UYJ	6UYJ	6UYJ	6UYJ
CHLOROMETHANE UG/KG	11UYJ	11UYJ	13UYJ	11UYJ	12UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
DIBROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
ETHYLBENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	11UYJ	13UYJ
STYRENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
TETRACHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
TOLUENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C39-01	C39-01	C39-01D	C40-01	C40-01
SAMPLE ID:	C39-01	C39-01	C39-01D	C40-01	C40-01
SUB-SAMPLE ID:	B	C	DUP	A	B
STATION ID:	C39	C39	C39	C40	C40
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	02/13/1992	02/13/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	6.00	6.00	2.00	4.00
LOWER DEPTH:	6.00	8.00	8.00	4.00	6.00
TRICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	6UYJ
VINYL ACETATE UG/KG	11UYJ	11UYJ	13UYJ	11UYJ	12UYJ
VINYL CHLORIDE UG/KG	11UYJ	11UYJ	13UYJ	11UYJ	12UYJ
XYLENE (TOTAL) UG/KG	2DYJ	6UYJ	6UYJ	6UYJ	6UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEFAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C40-01	C41-01	C41-01	C41-01	C42-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C40	C41	C41	C41	C42
SAMPLE DATE:	02/13/1992	02/12/1992	02/12/1992	02/12/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	0.00	4.00	6.00	4.00
LOWER DEPTH:	8.00	2.00	6.00	8.00	6.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
1,1-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
1,1-DICHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
1,2-DICHLOROETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
2-BUTANONE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	730YJ
2-HEXANONE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	70UYJ
4-METHYL-2-PENTANONE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	70UYJ
ACETONE UG/KG	22UYJ	12UYJ	12UYJ	43UYJ	880UYJ
BENZENE UG/KG	6UYJ	6UYJ	20YJ	6UYJ	35UYJ
(BROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
BROMOFORM UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
BROMOMETHANE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	70UYJ
CARBON DISULFIDE UG/KG	6UYJ	6UYJ	40YJ	40YJ	35UYJ
CARBON TETRACHLORIDE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
CHLOROBENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
CHLOROETHANE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	70UYJ
CHLOROFORM UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
CHLOROMETHANE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	70UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
DIBROMOCHLOROMETHANE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
ETHYLBENZENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
METHYLENE CHLORIDE UG/KG	11UYJ	60YJ	29UYJ	9UYJ	35UYJ
STYRENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
TETRACHLOROETHENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ
TOLUENE UG/KG	6UYJ	6UYJ	30YJ	6UYJ	35UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ

NAN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS.
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C40-01	C41-01	C41-01	C41-01	C42-01
SAMPLE ID:	C40-01	C41-01	C41-01	C41-01	C42-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C40	C41	C41	C41	C42
SAMPLE DATE:	02/13/1992	02/12/1992	02/12/1992	02/12/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	0.00	4.00	6.00	4.00
LOWER DEPTH:	8.00	2.00	6.00	8.00	6.00
TRICHLOROETHENE UG/KG	6UYJ	130YJ	6UYJ	6UYJ	35UYJ
VINYL ACETATE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	70UYJ
VINYL CHLORIDE UG/KG	11UYJ	12UYJ	12UYJ	12UYJ	70UYJ
XYLENE (TOTAL) UG/KG	6UYJ	6UYJ	6UYJ	6UYJ	35UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS: CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C42-01	C42-01	C43-01	C43-01	C43-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C42	C42	C43	C43	C43
SAMPLE DATE:	02/19/1992	02/19/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	10.00	3.00	7.00	11.00
LOWER DEPTH:	8.00	12.00	5.00	9.00	13.00
1,1,1-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
1,1,2-TRICHLOROETHANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
1,1-DICHLOROETHANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
1,1-DICHLOROETHENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
1,2-DICHLOROETHANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
1,2-DICHLOROPROPANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
2-BUTANONE UG/KG	110YJ	UYR	1300YJ	220YJ	110YJ
2-HEXANONE UG/KG	12UYJ	12UYJ	56UYJ	11UYJ	11UYJ
4-METHYL-2-PENTANONE UG/KG	12UYJ	12UYJ	56UYJ	11UYJ	11UYJ
ACETONE UG/KG	2100YJ	750YJ	7300YJ	2200YJ	1300YJ
BENZENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
BROMODICHLOROMETHANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
BROMOFORM UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
BROMOMETHANE UG/KG	12UYJ	12UYJ	56UYJ	11UYJ	11UYJ
CARBON DISULFIDE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
CARBON TETRACHLORIDE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
CHLOROBENZENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
CHLOROETHANE UG/KG	12UYJ	12UYJ	56UYJ	11UYJ	11UYJ
CHLOROFORM UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
CHLOROMETHANE UG/KG	12UYJ	12UYJ	56UYJ	11UYJ	11UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
DIBROMOCHLOROMETHANE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
ETHYLBENZENE UG/KG	6UYJ	6UYJ	390YJ	5UYJ	6UYJ
METHYLENE CHLORIDE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
STYRENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
TETRACHLOROETHENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
TOLUENE UG/KG	6UYJ	6UYJ	100YJ	5UYJ	6UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C42-01	C42-01	C43-01	C43-01	C43-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C42	C42	C43	C43	C43
SAMPLE DATE:	02/19/1992	02/19/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	10.00	3.00	7.00	11.00
LOWER DEPTH:	8.00	12.00	5.00	9.00	13.00
TRICHLOROETHENE UG/KG	6UYJ	6UYJ	28UYJ	5UYJ	6UYJ
VINYL ACETATE UG/KG	12UYJ	12UYJ	56UYJ	11UYJ	11UYJ
VINYL CHLORIDE UG/KG	12UYJ	12UYJ	56UYJ	11UYJ	11UYJ
XYLENE (TOTAL) UG/KG	6UYJ	6UYJ	1900YJ	5UYJ	6UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JM = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	C44-01	C44-01	C44-01
SUB-SAMPLE ID:	A	B	C
STATION ID:	C44	C44	C44
SAMPLE DATE:	02/13/1992	02/13/1992	02/13/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	4.00	6.00	8.00
LOWER DEPTH:	6.00	8.00	10.00
1,1,1-TRICHLOROETHANE UG/KG	780UYJ	11UYJ	15UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	780UYJ	11UYJ	15UYJ
1,1,2-TRICHLOROETHANE UG/KG	780UYJ	11UYJ	15UYJ
1,1-DICHLOROETHANE UG/KG	780UYJ	11UYJ	15UYJ
1,1-DICHLOROETHENE UG/KG	780UYJ	11UYJ	15UYJ
1,2-DICHLOROETHANE UG/KG	780UYJ	11UYJ	15UYJ
1,2-DICHLOROETHENE (TOTAL) UG/KG	780UYJ	11UYJ	220YJ
1,2-DICHLOROPROPANE UG/KG	780UYJ	11UYJ	15UYJ
2-BUTANONE UG/KG	1600UYJ	210YJ	240YJ
2-HEXANONE UG/KG	1600UYJ	23UYJ	29UYJ
4-METHYL-2-PENTANONE UG/KG	1600UYJ	23UYJ	29UYJ
ACETONE UG/KG	1600UYJ	3500YJ	2700YJ
BENZENE UG/KG	47000YJ	80YJ	8900YJ
(BROMODICHLOROMETHANE UG/KG	780UYJ	11UYJ	15UYJ
BROMOFORM UG/KG	780UYJ	11UYJ	15UYJ
BROMOMETHANE UG/KG	1600UYJ	23UYJ	29UYJ
CARBON DISULFIDE UG/KG	780UYJ	40YJ	480YJ
CARBON TETRACHLORIDE UG/KG	780UYJ	11UYJ	15UYJ
CHLOROBENZENE UG/KG	780UYJ	11UYJ	15UYJ
CHLOROETHANE UG/KG	1600UYJ	23UYJ	29UYJ
CHLOROFORM UG/KG	780UYJ	11UYJ	15UYJ
CHLOROMETHANE UG/KG	1600UYJ	23UYJ	29UYJ
CIS-1,3-DICHLOROPROPENE UG/KG	780UYJ	11UYJ	15UYJ
DIBROMOCHLOROMETHANE UG/KG	780UYJ	11UYJ	15UYJ
ETHYL BENZENE UG/KG	780UYJ	11UYJ	360YJ
METHYLENE CHLORIDE UG/KG	1600UYJ	18UYJ	15UYJ
STYRENE UG/KG	780UYJ	11UYJ	15UYJ
TETRACHLOROETHENE UG/KG	780UYJ	11UYJ	15UYJ
TOLUENE UG/KG	780UYJ	11UYJ	15UYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	780UYJ	11UYJ	15UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	C44-01	C44-01	C44-01
SAMPLE ID:	C44-01	C44-01	C44-01
SUB-SAMPLE ID:	A	B	C
STATION ID:	C44	C44	C44
SAMPLE DATE:	02/13/1992	02/13/1992	02/13/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	4.00	6.00	8.00
LOWER DEPTH:	6.00	8.00	10.00
TRICHLOROETHENE UG/KG	780UYJ	11UYJ	15UYJ
VINYL ACETATE UG/KG	1600UYJ	23UYJ	29UYJ
VINYL CHLORIDE UG/KG	1600UYJ	23UYJ	29UYJ
XYLENE (TOTAL) UG/KG	780UYJ	11UYJ	240YJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

Semivolatile Organics

EDMS CHEMICAL SUMMARY STATISTICS
STEPAN MAYWOOD - SOIL BORINGS
DETECTED OBSERVATIONS ONLY
SAMPLE ANALYSIS: SVOL

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
12H	1,2-DIPHENYLHYDRAZINE	UG/KG	15	1	0.0667	63.000	63.000	63.000	0.000
24M	2,4-DIMETHYLPHENOL	UG/KG	130	2	0.0154	69.000	77.000	73.000	4.000
2MN	2-METHYLNAPHTHALENE	UG/KG	130	18	0.1385	50.000	13,000.000	1,228.278	2,976.965
2MP	2-METHYLPHENOL	UG/KG	130	2	0.0154	50.000	300.000	175.000	125.000
33B	3,3'-DICHLOROBENZIDINE	UG/KG	127	1	0.0079	160.000	160.000	160.000	0.000
4C3	4-CHLORO-3-METHYLPHENOL	UG/KG	130	1	0.0077	87.000	87.000	87.000	0.000
4MP	4-METHYLPHENOL	UG/KG	130	4	0.0308	90.000	600.000	245.000	206.942
4NP	4-NITROPHENOL	UG/KG	130	1	0.0077	70.000	70.000	70.000	0.000
ACN	ACENAPHTHENE	UG/KG	130	11	0.0846	49.000	2,800.000	455.909	753.145
ACY	ACENAPHTHYLENE	UG/KG	130	12	0.0923	53.000	1,040.000	401.167	385.800
ATR	ANTHRACENE	UG/KG	130	13	0.1000	58.000	3,900.000	667.308	999.795
BBK	BENZO (B&K) FLUORANTHENE	UG/KG	11	11	1.0000	58.000	18,000.000	2,273.000	5,029.943
BAA	BENZO(A)ANTHRACENE	UG/KG	130	32	0.2462	39.000	12,000.000	868.375	2,161.665
BAP	BENZO(A)PYRENE	UG/KG	130	32	0.2462	46.000	12,000.000	915.375	2,163.432
BBF	BENZO(B)FLUORANTHENE	UG/KG	119	36	0.3025	38.000	5,200.000	648.583	1,244.383
BGP	BENZO(GH)PERYLENE	UG/KG	129	20	0.1550	42.000	7,500.000	829.600	1,676.015
BKF	BENZO(K)FLUORANTHENE	UG/KG	118	3	0.0254	49.000	4,100.000	1,469.667	1,861.920
BZA	BENZOIC ACID	UG/KG	130	1	0.0077	730.000	730.000	730.000	0.000
BBP	BENZYL BUTYL PHTHALATE	UG/KG	130	10	0.0769	58.000	2,500.000	543.100	674.423
BPH	BIS(2-ETHYLHEXYL)PHTHALATE	UG/KG	130	31	0.2385	37.000	2,600.000	477.806	666.454
CAF	CAFFEINE	UG/KG	130	12	0.0923	44.000	2,100.000	645.833	644.006
CRY	CHRYSENE	UG/KG	130	38	0.2923	41.000	14,000.000	859.500	2,312.917
DBP	DI-N-BUTYL PHTHALATE	UG/KG	130	34	0.2615	38.000	520.000	88.294	84.438
DOP	DI-N-OCTYL PHTHALATE	UG/KG	130	7	0.0538	59.000	790.000	201.571	242.678
CBA	DIBENZO(A,H)ANTHRACENE	UG/KG	129	14	0.1085	38.000	2,600.000	390.571	675.689
DBF	DIBENZOFURAN	UG/KG	130	8	0.0615	80.000	1,300.000	316.250	377.887
DEP	DIETHYL PHTHALATE	UG/KG	130	7	0.0538	37.000	110.000	60.429	22.219
FLA	FLUORANTHENE	UG/KG	130	48	0.3692	41.000	28,000.000	1,251.167	4,127.218
FLE	FLUORENE	UG/KG	130	12	0.0923	41.000	4,000.000	552.583	1,051.574
ICP	INDENO(1,2,3-CD)PYRENE	UG/KG	130	25	0.1923	39.000	6,700.000	783.960	1,430.046
NPH	N-NITROSODIPHENYLAMINE	UG/KG	130	1	0.0077	610.000	610.000	610.000	0.000
NAP	NAPHTHALENE	UG/KG	130	16	0.1231	49.000	10,800.000	1,391.625	2,691.802
NTB	NITROBENZENE	UG/KG	130	2	0.0154	140.000	290.000	215.000	75.000
PCP	PENTACHLOROPHENOL	UG/KG	130	1	0.0077	220.000	220.000	220.000	0.000
PAN	PHENANTHRENE	UG/KG	130	38	0.2923	38.000	25,000.000	1,199.842	4,056.656
PHE	PHENOL	UG/KG	130	10	0.0769	98.000	2,200.000	996.800	783.645

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - SOIL BORINGS
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: SVOL

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
PYR	PYRENE	UG/KG	130	50	0.3846	42.000	34,000.000	1,350.060	4,853.699
DLI	d-LIMONENE	UG/KG	130	1	0.0077	590.000	590.000	590.000	0.000

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
 PAGE: 1

SAMPLE ID:	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SUB-SAMPLE ID:	A	A	A	B	DUP
STATION ID:	BM	BM2	BM3	BM3	BM3D
SAMPLE DATE:	02/25/1992	08/04/1992	08/04/1992	08/04/1992	08/04/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	0.00	1.00	3.00	1.00
LOWER DEPTH:	1.00	1.00	3.00	4.00	3.00
1,2,4-TRICHLOROBENZENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
1,2-DICHLOROBENZENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
1,4-DICHLOROBENZENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2,4,5-TRICHLOROPHENOL UG/KG	3000UYJ	2200UY	3100UY	4600UYJ	3000UY
2,4,6-TRICHLOROPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2,4-DICHLOROPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2,4-DIMETHYLPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2,4-DINITROPHENOL UG/KG	3000UYJ	2200UY	3100UY	4600UYJ	3000UY
2,4-DINITROTOLUENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2,6-DINITROTOLUENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2-CHLORONAPHTHALENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2-CHLOROPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2-METHYLNAPHTHALENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2-METHYLPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
2-NITROANILINE UG/KG	3000UYJ	2200UY	3100UY	4600UYJ	3000UY
2-NITROPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
3,3'-DICHLOROBENZIDINE UG/KG	1200UYJ	890UY	1300UY	1900UYJ	1200UY
3-NITROANILINE UG/KG	620UYJ	2200UY	3100UY	4600UYJ	3000UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	3000UYJ	2200UY	3100UY	4600UYJ	3000UY
4-BROMOPHENYL PHENYL ETHER UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
4-CHLORO-3-METHYLPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
4-CHLOROANILINE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
4-METHYLPHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
4-NITROANILINE UG/KG	3000UYJ	2200UY	3100UY	4600UYJ	3000UY
4-NITROPHENOL UG/KG	3000UYJ	2200UY	3100UY	4600UYJ	3000UY
ACENAPHTHENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
ACENAPHTHYLENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY

NN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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02/24/93
PAGE: 2

SAMPLE ID:	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SUB-SAMPLE ID:	A	A	A	B	DUP
STATION ID:	BM	BM2	BM3	BM3	BM3D
SAMPLE DATE:	02/25/1992	08/04/1992	08/04/1992	08/04/1992	08/04/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	0.00	1.00	3.00	1.00
LOWER DEPTH:	1.00	1.00	3.00	4.00	3.00
ANTHRACENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	620UYJ	930YJ	630UY	200DYJ	610UY
BENZO(A)PYRENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BENZO(B)FLUORANTHENE UG/KG	620UYJ	900YJ	630UY	280DYJ	610UY
BENZO(GH)PERYLENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BENZO(K)FLUORANTHENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BENZOIC ACID UG/KG	3000UYJ	2200UY	3100UY	730DYJ	3000UY
BENZYL ALCOHOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BENZYL BUTYL PHTHALATE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BIS(2-CHLOROETHYL)ETHER UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	620UYJ	630YJ	630UY	940UYJ	640YJ
CAFFEINE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
CHRYSENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
D1-N-BUTYL PHTHALATE UG/KG	620UYJ	460YJ	870YJ	1030YJ	920YJ
D1-N-OCTYL PHTHALATE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
DIBENZO(A,H)ANTHRACENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
DIBENZOFURAN UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
DIETHYL PHTHALATE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
DIMETHYL PHTHALATE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
FLUORANTHENE UG/KG	620UYJ	190DYJ	630UY	420DYJ	610UY
FLUORENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
HEXACHLOROBENZENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
HEXACHLOROBUTADIENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
HEXACHLOROCYCLOPENTADIENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
HEXACHLOROETHANE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
INDENO(1,2,3-CD)PYRENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
ISOPHORONE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY

NNN- / XXABCC(CDD POSITIONALLY N=VALUE, (++) XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
UN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
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	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SAMPLE ID:	A	A	A	B	DUP
SUB-SAMPLE ID:	BM	BM2	BM3	BM3	BM3D
STATION ID:	02/25/1992	08/04/1992	08/04/1992	08/04/1992	08/04/1992
SAMPLE DATE:					
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	0.00	1.00	3.00	1.00
LOWER DEPTH:	1.00	1.00	3.00	4.00	3.00
N-NITROSODINPROPYLAMINE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
N-NITROSODIPHENYLAMINE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
NAPHTHALENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
NITROBENZENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
PENTACHLOROPHENOL UG/KG	620UYJ	2200UY	3100UY	4600UYJ	3000UY
PHENANTHRENE UG/KG	3000UYJ	790YJ	630UY	170DYJ	610UY
PHENOL UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
PYRENE UG/KG	620UYJ	1060YJ	630UY	240DYJ	610UY
a-PINENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY
d-LIMONENE UG/KG	620UYJ	450UY	630UY	940UYJ	610UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
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	SAMPLE ID:	C01-01	C01-01	C01-01	C01-01D	C02-01
	SUB-SAMPLE ID:	A	B	C	DUP	A
	STATION ID:	C01	C01	C01	C01	C02
	SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/30/1992	04/08/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	1.00	3.00	5.00	1.00	0.00
	LOWER DEPTH:	3.00	5.00	7.00	3.00	2.00
1,2,4-TRICHLOROBENZENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
1,2-DICHLOROBENZENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
1,4-DICHLOROBENZENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2,4,5-TRICHLOROPHENOL	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
2,4,6-TRICHLOROPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2,4-DICHLOROPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2,4-DIMETHYLPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2,4-DINITROPHENOL	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
2,4-DINITROTOLUENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2,6-DINITROTOLUENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2-CHLORONAPHTHALENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2-CHLOROPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2-METHYLNAPHTHALENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2-METHYLPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
2-NITROANILINE	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
2-NITROPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
3,3'-DICHLOROBENZIDINE	UG/KG	770UYJ	740UY	750UY	830UYJ	760UYJ
3-NITROANILINE	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
4,6-DINITRO-2-METHYLPHENOL	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
4-BROMOPHENYL PHENYL ETHER	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
4-CHLORO-3-METHYLPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
4-CHLOROANILINE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
4-CHLOROPHENYL PHENYL ETHER	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
4-METHYLPHENOL	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
4-NITROANILINE	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
4-NITROPHENOL	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
ACENAPHTHENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
ACENAPHTHYLENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ

NNN+/ XXABCCDD POSITIONALLY N VALUE, (+/-) XX=ERROR FACTOR FOR RADS ONLY), A-DETECTED, B-VALIDATED, C=FLAGS,
 U = Less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
 PAGE: 5

SAMPLE ID:	C01-01	C01-01	C01-01	C01-01D	C02-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C01	C01	C01	C01	C02
SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/30/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	0.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	2.00
<hr/>					
ANTHRACENE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
BENZO (B&K) FLUORANTHENE UG/KG					580YJ
BENZO(A)ANTHRACENE UG/KG	720YJ	370UY	370UY	1400YJ	380UYJ
BENZO(A)PYRENE UG/KG	760YJ	370UY	370UY	1500YJ	380UYJ
BENZO(B)FLUORANTHENE UG/KG	1400YJ	370UY	370UY	2600YJ	
<hr/>					
BENZO(GHI)PERYLENE UG/KG	490YJ	370UY	370UY	970YJ	380UYJ
BENZO(K)FLUORANTHENE UG/KG	380UYJ	370UY	370UY	420UYJ	
BENZOIC ACID UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
BENZYL ALCOHOL UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
BENZYL BUTYL PHTHALATE UG/KG	2100UYJ	370UY	370UY	420UYJ	4700YJ
<hr/>					
BIS(2-CHLOROETHOXY) METHANE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	1900UYJ	370UY	370UY	420UYJ	5200YJ
CAFFEINE UG/KG	380UYJ	1100YJ	370UY	420UYJ	380UYJ
<hr/>					
CHRYSENE UG/KG	890YJ	370UY	370UY	1500YJ	380UYJ
DI-N-BUTYL PHTHALATE UG/KG	380UYJ	370UY	370UY	420UYJ	690YJ
DI-N-OCTYL PHTHALATE UG/KG	710UYJ	370UY	370UY	420UYJ	1500YJ
DIBENZO(A,H)ANTHRACENE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
DIBENZOFURAN UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
<hr/>					
DIETHYL PHTHALATE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
DIMETHYL PHTHALATE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
FLUORANTHENE UG/KG	2000YJ	370UY	370UY	3500YJ	540YJ
FLUORENE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
HEXACHLOROBENZENE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
<hr/>					
HEXACHLOROBUTADIENE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
HEXACHLOROETHANE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	610YJ	370UY	370UY	1070YJ	380UYJ
ISOPHORONE UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ

NNN-/-XXABCEDD POSITIONALLY N=VALUE, (/ XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
 PAGE: 6

	SAMPLE ID:	C01-01	C01-01	C01-01	C01-01D	C02-01
	SUB-SAMPLE ID:	A	B	C	DUP	A
	STATION ID:	C01	C01	C01	C01	C02
	SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/30/1992	04/08/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	1.00	3.00	5.00	1.00	0.00
	LOWER DEPTH:	3.00	5.00	7.00	3.00	2.00
N-NITROSODIPROPYLAMINE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
N-NITROSODIPHENYLAMINE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
NAPHTHALENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
NITROBENZENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ
PENTACHLOROPHENOL	UG/KG	1900UYJ	1800UY	1800UY	2000UYJ	1800UYJ
PHENANTHRENE	UG/KG	130DYJ	370UY	370UY	1900YJ	380UYJ
PHENOL	UG/KG	490DYJ	370UY	370UY	1200DYJ	380UYJ
PYRENE	UG/KG	170DYJ	370UY	370UY	10YJ	650YJ
a-PINENE	UG/KG	380UYJ	370UYJ	370UYJ	420UYJ	380UYJ
d-LIMONENE	UG/KG	380UYJ	370UY	370UY	420UYJ	380UYJ

NNN-7 XXABCCCC POSITIONALLY N-VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = Less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C02-01	C03-01	C03-01	C04-01	C04-01
SUB-SAMPLE ID:	B	A	B	A	B
STATION ID:	C02	C03	C03	C04	C04
SAMPLE DATE:	04/08/1992	03/31/1992	03/31/1992	02/14/1992	02/14/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	0.00	2.00	3.00	5.00
LOWER DEPTH:	4.00	2.00	4.00	5.00	7.00
1,2,4-TRICHLOROBENZENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
1,2-DICHLOROBENZENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
1,2-DIPHENYLHYDRAZINE UG/KG				340UYJ	340UYJ
1,3-DICHLOROBENZENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
1,4-DICHLOROBENZENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2,4,5-TRICHLOROPHENOL UG/KG	1900UYJ	1900UY	1800UY	1700UYJ	1700UYJ
2,4,6-TRICHLOROPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2,4-DICHLOROPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2,4-DIMETHYLPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2,4-DINITROPHENOL UG/KG	1900UYJ	1900UY	1800UY	1700UYJ	1700UYJ
2,4-DINITROTOLUENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2,6-DINITROTOLUENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2-CHLORONAPHTHALENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2-CHLOROPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2-METHYLNAPHTHALENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2-METHYLPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
2-NITROANILINE UG/KG	1900UYJ	1900UY	1800UY	1700UYJ	1700UYJ
2-NITROPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
3,3'-DICHLOROBENZIDINE UG/KG	770UYJ	770UY	750UY	690UYJ	690UYJ
3-NITROANILINE UG/KG	UYR	1900UY	1800UY	1700UYJ	1700UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	1900UYJ	1900UY	1800UY	1700UYJ	1700UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
4-CHLOROANILINE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
4-METHYLPHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
4-NITROANILINE UG/KG	1900UYJ	1900UY	1800UY	1700UYJ	1700UYJ
4-NITROPHENOL UG/KG	1900UYJ	1900UY	1800UY	1700UYJ	1700UYJ
ACENAPHTHENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
ACENAPHTHYLENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ

NNN+/ XXABCCCC POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C02-01	C03-01	C03-01	C04-01	C04-01
SUB-SAMPLE ID:	B	A	B	A	B
STATION ID:	C02	C03	C03	C04	C04
SAMPLE DATE:	04/08/1992	03/31/1992	03/31/1992	02/14/1992	02/14/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	0.00	2.00	3.00	5.00
LOWER DEPTH:	4.00	2.00	4.00	5.00	7.00
ANTHRACENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	380UYJ	380UY	370UY	340UYJ	580YJ
BENZO(A)PYRENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BENZO(B)FLUORANTHENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BENZO(GHI)PERYLENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BENZO(K)FLUORANTHENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BENZOIC ACID UG/KG	1900UYJ	1900UY	1800UY	1700UYJ	1700UYJ
BENZYL ALCOHOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BENZYL BUTYL PHTHALATE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BIS(2-CHLORODISOPROPYL) ETHER UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	380UYJ	380UY	370UY	550YJ	630YJ
CAFFEINE UG/KG	380UYJ	380UY	370UY	340UY	340UY
CHRYSENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
DI-N-BUTYL PHTHALATE UG/KG	380UYJ	380UY	370UY	500YJ	730YJ
DI-N-OCTYL PHTHALATE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
DIBENZOFURAN UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
DIETHYL PHTHALATE UG/KG	380UYJ	380UY	370UY	340UYJ	610YJ
DIMETHYL PHTHALATE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
FLUORANTHENE UG/KG	380UYJ	380UY	370UY	340UYJ	510YJ
FLUORENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
HEXACHLOROBENZENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
HEXACHLOROBUTADIENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
HEXACHLOROETHANE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
ISOPHORONE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ

NUM+/- XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 D = less than detection limit, D = detected, J=estimated, R=unusable, N= evidence of presence of material
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	C02-01	C03-01	C03-01	C04-01	C04-01
SAMPLE ID:	8	A	B	A	B
SUB-SAMPLE ID:	C02	C03	C03	C04	C04
STATION ID:					
SAMPLE DATE:	04/08/1992	03/31/1992	03/31/1992	02/14/1992	02/14/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	0.00	2.00	3.00	5.00
LOWER DEPTH:	4.00	2.00	4.00	5.00	7.00
N-NITROSODINPROPYLAMINE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
N-NITROSODIPHENYLAMINE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
NAPHTHALENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
NITROBENZENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
PENTACHLOROPHENOL UG/KG	1900UYJ	1900UY	1800UY	340UYJ	340UYJ
PHENANTHRENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
PHENOL UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
PYRENE UG/KG	380UYJ	380UY	370UY	340UYJ	56DYJ
a-PINENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ
d-LIMONENE UG/KG	380UYJ	380UY	370UY	340UYJ	340UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C04-01	C05-01	C05-01	C06-01	C07-01
SUB-SAMPLE ID:	C	A	B	A	A
STATION ID:	C04	C05	C05	C06	C07
SAMPLE DATE:	02/14/1992	02/12/1992	02/12/1992	04/08/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	9.00	2.00	4.00	2.00	4.00
1,2,4-TRICHLOROBENZENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
1,2-DICHLOROBENZENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
1,2-DIPHENYLHYDRAZINE UG/KG	350UYJ	630YJ	360UY		
1,3-DICHLOROBENZENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
1,4-DICHLOROBENZENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2,4,5-TRICHLOROPHENOL UG/KG	1700UYJ	180UY	1700UY	1900UYJ	2400UYJ
2,4,6-TRICHLOROPHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2,4-DICHLOROPHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2,4-DIMETHYLPHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2,4-DINITROPHENOL UG/KG	1700UYJ	1800UY	1700UY	1900UYJ	2400UYJ
2,4-DINITROTOLUENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2,6-DINITROTOLUENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2-CHLORONAPHTHALENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2-CHLOROPHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2-METHYLNAPHTHALENE UG/KG	350UYJ	380UY	360UY	610YJ	500UYJ
2-METHYLPHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
2-NITROANILINE UG/KG	1700UYJ	1800UY	1700UY	1900UYJ	2400UYJ
2-NITROPHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
3,3'-DICHLOROBENZIDINE UG/KG	690UYJ	760UY	720UY	780UYJ	1000UYJ
3-NITROANILINE UG/KG	1700UYJ	1800UY	1700UY	1900UYJ	2400UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	1700UYJ	1800UY	1700UY	1900UYJ	2400UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
4-CHLOROANILINE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
4-METHYLPHENOL UG/KG	350UYJ	1200YJ	360UY	390UYJ	500UYJ
4-NITROANILINE UG/KG	1700UYJ	1800UY	1700UY	1900UYJ	2400UYJ
4-NITROPHENOL UG/KG	1700UYJ	1800UY	1700UY	1900UYJ	700YJ
ACENAPHTHENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
ACENAPHTHYLENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D detected, J=estimated, R=reasonable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C04-01	C05-01	C05-01	C06-01	C07-01
SUB-SAMPLE ID:	C	A	B	A	A
STATION ID:	C04	C05	C05	C06	C07
SAMPLE DATE:	02/14/1992	02/12/1992	02/12/1992	04/08/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	9.00	2.00	4.00	2.00	4.00
ANTHRACENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	350UYJ	270DYJ	360UY	390UYJ	73DYJ
BENZO(A)PYRENE UG/KG	350UYJ	220DYJ	360UY	390UYJ	90DYJ
BENZO(B)FLUORANTHENE UG/KG	350UYJ	340DYJ	360UY	480YJ	170DYJ
BENZO(GHI)PERYLENE UG/KG	350UYJ	380UY	360UY	390UYJ	63DYJ
BENZO(K)FLUORANTHENE UG/KG	350UYJ	260DYJ	360UY	390UYJ	500UYJ
BENZOIC ACID UG/KG	1700UYJ	1800UY	1700UY	1900UYJ	2400UYJ
BENZYL ALCOHOL UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
BENZYL BUTYL PHTHALATE UG/KG	350UYJ	380UY	360UY	390UYJ	2100UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	350UY	380UY	360UY	390UYJ	500UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	37DYJ	100DYJ	44DYJ	390UYJ	1900UYJ
CAFFEINE UG/KG	350UY	380UY	360UY	390UYJ	230DYJ
CHRYSENE UG/KG	350UYJ	410DY	360UY	60DYJ	130DYJ
DI-N-BUTYL PHTHALATE UG/KG	190DYJ	380UYJ	360UY	390UYJ	500UYJ
DI-N-OCTYL PHTHALATE UG/KG	350UYJ	380UY	360UY	390UYJ	730UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
DIBENZOFURAN UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
DIETHYL PHTHALATE UG/KG	37DYJ	380UY	360UY	390UYJ	500UYJ
DIMETHYL PHTHALATE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
FLUORANTHENE UG/KG	350UYJ	420DY	360UY	44DYJ	150DYJ
FLUORENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
HEXACHLOROBENZENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
HEXACHLOROBUTADIENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
HEXACHLOROETHANE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	350UYJ	210DYJ	360UY	390UYJ	66DYJ
ISOPHORONE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JK = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEFAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID: C04-01	C05-01	C05-01	C06-01	C07-01
	SUB-SAMPLE ID: C	A	B	A	A
	STATION ID: C04	C05	C05	C06	C07
	SAMPLE DATE: 02/14/1992	02/12/1992	02/12/1992	04/08/1992	03/31/1992
	SAMPLE TIME:				
	SAMPLE MATRIX: SB	SB	SB	SB	SB
	UPPER DEPTH: 7.00	0.00	2.00	0.00	2.00
	LOWER DEPTH: 9.00	2.00	4.00	2.00	4.00
N-NITROSODIPROPYLAMINE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
N-NITROSODIPHENYLAMINE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
NAPHTHALENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
NITROBENZENE UG/KG	350UYJ	1400YJ	360UY	390UYJ	500UYJ
PENTACHLOROPHENOL UG/KG	350UYJ	1800UY	1700UY	1900UYJ	2400UYJ
PHENANTHRENE UG/KG	350UYJ	2700YJ	380YJ	890YJ	1500YJ
PHENOL UG/KG	350UYJ	380UY	360UY	390UYJ	980YJ
PYRENE UG/KG	350UYJ	4200Y	360UY	630YJ	2000YJ
a-PINENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ
d-LIMONENE UG/KG	350UYJ	380UY	360UY	390UYJ	500UYJ

NNN+/XXAB(CCCDD POSITIONALLY N=VALUE, (+/-) XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
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 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C07-01	C07-01	C07-01	C08-01	C08-01
SUB-SAMPLE ID:	B	C	D	A	B
STATION ID:	C07	C07	C07	C08	C08
SAMPLE DATE:	03/31/1992	03/31/1992	03/31/1992	03/31/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	5.00	7.00	0.00	2.00
LOWER DEPTH:	5.00	7.00	8.00	2.00	4.00
1,2,4-TRICHLOROBENZENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
1,2-DICHLOROBENZENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
1,4-DICHLOROBENZENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2,4,5-TRICHLOROPHENOL UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
2,4,6-TRICHLOROPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2,4-DICHLOROPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2,4-DIMETHYLPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2,4-DINITROPHENOL UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
2,4-DINITROTOLUENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2,6-DINITROTOLUENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2-CHLORONAPHTHALENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2-CHLOROPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2-METHYLNAPHTHALENE UG/KG	450UYJ	370UYJ	390UY	50UYJ	430UYJ
2-METHYLPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
2-NITROANILINE UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
2-NITROPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
3,3'-DICHLOROBENZIDINE UG/KG	910UYJ	740UYJ	790UY	160UYJ	860UYJ
3-NITROANILINE UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
4-CHLOROANILINE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
4-METHYLPHENOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
4-NITROANILINE UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
4-NITROPHENOL UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
ACENAPHTHENE UG/KG	450UYJ	370UYJ	390UY	49UYJ	430UYJ
ACENAPHTHYLENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
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SAMPLE ID:	C07-01	C07-01	C07-01	C08-01	C08-01
SUB-SAMPLE ID:	B	C	D	A	B
STATION ID:	C07	C07	C07	C08	C08
SAMPLE DATE:	03/31/1992	03/31/1992	03/31/1992	03/31/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	5.00	7.00	0.00	2.00
LOWER DEPTH:	5.00	7.00	8.00	2.00	4.00
ANTHRACENE UG/KG	450UYJ	370UYJ	390UY	1030YJ	430UYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	450UYJ	370UYJ	390UY	380DYJ	430UYJ
BENZO(A)PYRENE UG/KG	450UYJ	370UYJ	390UY	370DYJ	430UYJ
BENZO(B)FLUORANTHENE UG/KG	580YJ	370UYJ	390UY	600DYJ	430UYJ
BENZO(GHI)PERYLENE UG/KG	450UYJ	370UYJ	390UY	240DYJ	430UYJ
BENZO(K)FLUORANTHENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
BENZOIC ACID UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
BENZYL ALCOHOL UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
BENZYL BUTYL PHTHALATE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
CAFFEINE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
CHRYSENE UG/KG	450UYJ	370UYJ	390UY	450DYJ	430UYJ
DI-N-BUTYL PHTHALATE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
DI-N-OCTYL PHTHALATE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	450UYJ	370UYJ	390UY	130DYJ	430UYJ
DIBENZOFURAN UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
DIETHYL PHTHALATE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
DIMETHYL PHTHALATE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
FLUORANTHENE UG/KG	52DYJ	370UYJ	390UY	890DYJ	430UYJ
FLUORENE UG/KG	450UYJ	370UYJ	390UY	82DYJ	430UYJ
HEXACHLOROBENZENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
HEXACHLOROBUTADIENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
HEXACHLOROETHANE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	450UYJ	370UYJ	390UY	250DYJ	430UYJ
ISOPHORONE UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ

NNN+/- XXAB(CDD POSITIONALLY N=VALUE, +/- XX ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = Less than detection limit, D=detected, E=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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 02/24/93
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	SAMPLE ID:	C07-01	C07-01	C07-01	C08-01	C08-01
	SUB-SAMPLE ID:	B	C	D	A	B
	STATION ID:	C07	C07	C07	C08	C08
	SAMPLE DATE:	03/31/1992	03/31/1992	03/31/1992	03/31/1992	03/31/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	4.00	5.00	7.00	0.00	2.00
	LOWER DEPTH:	5.00	7.00	8.00	2.00	4.00
N-NITROSODI-N-PROPYLAMINE	UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
N-NITROSODIPHENYLAMINE	UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
NAPHTHALENE	UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
NITROBENZENE	UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
PENTACHLOROPHENOL	UG/KG	2200UYJ	1800UYJ	1900UY	2000UYJ	2100UYJ
<hr/>						
PHENANTHRENE	UG/KG	450UYJ	370UYJ	390UY	720DYJ	430UYJ
PHENOL	UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
PYRENE	UG/KG	60DYJ	370UYJ	390UY	970DYJ	430UYJ
a-PINENE	UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
d-LIMONENE	UG/KG	450UYJ	370UYJ	390UY	410UYJ	430UYJ
<hr/>						

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
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SAMPLE ID:	C09-01	C09-01	C10-01	C10-01	C10-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C09	C09	C10	C10	C10
SAMPLE DATE:	04/03/1992	04/03/1992	04/03/1992	04/03/1992	04/03/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	4.00	2.00	4.00	6.00
LOWER DEPTH:	2.00	6.00	3.00	6.00	8.00
1,2,4-TRICHLOROBENZENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
1,2-DICHLOROBENZENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
1,4-DICHLOROBENZENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2,4,5-TRICHLOROPHENOL UG/KG	2100UYJ	1900UYJ	2100UYJ	1800UY	1800UY
2,4,6-TRICHLOROPHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2,4-DICHLOROPHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2,4-DIMETHYLPHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2,4-DINITROPHENOL UG/KG	2100UYJ	1900UYJ	2100UYJ	1800UY	1800UY
2,4-DINITROTOLUENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2,6-DINITROTOLUENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2-CHLORONAPHTHALENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2-CHLOROPHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2-METHYLNAPHTHALENE UG/KG	320UYJ	380UYJ	440UYJ	370UY	370UY
2-METHYLPHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
2-NITROANILINE UG/KG	2100UYJ	1900UYJ	2100UYJ	1800UY	1800UY
2-NITROPHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
3,3'-DICHLOROBENZIDINE UG/KG	UYR	UYR	UYR	750UY	740UY
3-NITROANILINE UG/KG	2100UYJ	1900UYJ	2100UYJ	1800UY	1800UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	2100UYJ	1900UYJ	2100UYJ	1800UY	1800UY
4-BROMOPHENYL PHENYL ETHER UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
4-CHLORO-3-METHYLPHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
4-CHLOROANILINE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
4-METHYLPHENOL UG/KG	1700YJ	380UYJ	440UYJ	370UY	370UY
4-NITROANILINE UG/KG	UYR	UYR	UYR	1800UY	1800UY
4-NITROPHENOL UG/KG	2100UYJ	1900UYJ	2100UYJ	1800UY	1800UY
ACENAPHTHENE UG/KG	810YJ	380UYJ	440UYJ	370UY	370UY
ACENAPHTHYLENE UG/KG	610YJ	380UYJ	440UYJ	370UY	370UY

NNN+/ XXABCCDD POSITIONALLY N-VALUE, (+/- XX:ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
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SAMPLE ID:	C09-01	C09-01	C10-01	C10-01	C10-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C09	C09	C10	C10	C10
SAMPLE DATE:	04/03/1992	04/03/1992	04/03/1992	04/03/1992	04/03/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	4.00	2.00	4.00	6.00
LOWER DEPTH:	2.00	6.00	3.00	6.00	8.00
ANTHRACENE UG/KG	2100YJ	3800YJ	4400YJ	3700Y	3700Y
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	7700YJ	390YJ	510YJ	3700Y	3700Y
BENZO(A)PYRENE UG/KG	6100YJ	3800YJ	540YJ	3700Y	3700Y
BENZO(B)FLUORANTHENE UG/KG	13000YJ	620YJ	1100YJ	3700Y	3700Y
BENZO(GHI)PERYLENE UG/KG	4000YJ	3800YJ	4400YJ	3700Y	3700Y
BENZO(K)FLUORANTHENE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
BENZOIC ACID UG/KG	21000YJ	19000YJ	21000YJ	18000Y	18000Y
BENZYL ALCOHOL UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
BENZYL BUTYL PHTHALATE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
BIS(2-CHLOROETHOXY) METHANE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
BIS(2-CHLOROETHYL)ETHER UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
CAFFEINE UG/KG	21000YJ	1100YJ	4400YJ	3700Y	3700Y
CHRYSENE UG/KG	10200YJ	550YJ	870YJ	3700Y	3700Y
DI-N-BUTYL PHTHALATE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
DI-N-OCTYL PHTHALATE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
DIBENZO(A,H)ANTHRACENE UG/KG	960YJ	3800YJ	4400YJ	3700Y	3700Y
DIBENZOFURAN UG/KG	1500YJ	3800YJ	4400YJ	3700Y	3700Y
DIETHYL PHTHALATE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
DIMETHYL PHTHALATE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
FLUORANTHENE UG/KG	16000YJ	990YJ	1100YJ	3700Y	3700Y
FLUORENE UG/KG	1700YJ	3800YJ	4400YJ	3700Y	3700Y
HEXACHLOROBENZENE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
HEXACHLOROBUTADIENE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
HEXACHLOROCYCLOPENTADIENE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
HEXACHLOROETHANE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
INDENO(1,2,3-CD)PYRENE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y
ISOPHORONE UG/KG	4300YJ	3800YJ	4400YJ	3700Y	3700Y

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 J = less than detection limit, D=detected, E=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 02/24/93
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	SAMPLE ID: C09-01	C09-01	C10-01	C10-01	C10-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C09	C09	C10	C10	C10
SAMPLE DATE:	04/03/1992	04/03/1992	04/03/1992	04/03/1992	04/03/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	4.00	2.00	4.00	6.00
LOWER DEPTH:	2.00	6.00	3.00	6.00	8.00
N-NITROSODIPROPYLAMINE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
N-NITROSODIPHENYLAMINE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
NAPHTHALENE UG/KG	210DYJ	380UYJ	440UYJ	370UY	370UY
NITROBENZENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
PENTACHLOROPHENOL UG/KG	2100UYJ	1900UYJ	2100UYJ	1800UY	1800UY
PHENANTHRENE UG/KG	1300DYJ	630DYJ	890DYJ	370UY	370UY
PHENOL UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
PYRENE UG/KG	18000YJ	1010YJ	1300YJ	370UY	370UY
a-PINENE UG/KG	430UYJ	380UYJ	440UYJ	370UY	370UY
d-LIMONENE UG/KG	590DYJ	380UYJ	440UYJ	370UY	370UY

N,N+/- XXAB(CCCC) POSITIONALLY N-VALUE, (+/- XX ERROR FACTOR FOR RADS ONLY). F=FIELD, B=VALIDATED, C=FLAGS.
 UJ = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 YJ = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
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 PAGE: 19

	SAMPLE ID:	C11-01	C11-01	C11-01	C11-01D	C12-01
	SUB-SAMPLE ID:	A	B	C	DUP	A
	STATION ID:	C11	C11	C11	C11	C12
	SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	02/27/1992	04/02/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	3.00	5.00	7.00	5.00	0.50
	LOWER DEPTH:	5.00	7.00	9.00	7.00	2.50
1,2,4-TRICHLOROBENZENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
1,2-DICHLOROBENZENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
1,4-DICHLOROBENZENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2,4,5-TRICHLOROPHENOL	UG/KG	2000UYJ	1900UYJ	1900UYJ	1900UYJ	1700UY
2,4,6-TRICHLOROPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2,4-DICHLOROPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2,4-DIMETHYLPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2,4-DINITROPHENOL	UG/KG	2000UYJ	1900UYJ	1900UYJ	1900UYJ	1700UY
2,4-DINITROTOLUENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2,6-DINITROTOLUENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2-CHLORONAPHTHALENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2-CHLOROPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2-METHYLNAPHTHALENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2-METHYLPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
2-NITROANILINE	UG/KG	2000UYJ	1900UYJ	1900UYJ	1900UYJ	1700UY
2-NITROPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
3,3'-DICHLOROBENZIDINE	UG/KG	830UYJ	780UYJ	780UYJ	770UYJ	720UY
3-NITROANILINE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	1700UY
4,6-DINITRO-2-METHYLPHENOL	UG/KG	2000UYJ	1900UYJ	1900UYJ	1900UYJ	1700UY
4-BROMOPHENYL PHENYL ETHER	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
4-CHLORO-3-METHYLPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
4-CHLOROANILINE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
4-CHLOROPHENYL PHENYL ETHER	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
4-METHYLPHENOL	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
4-NITROANILINE	UG/KG	2000UYJ	1900UYJ	1900UYJ	1900UYJ	1700UY
4-NITROPHENOL	UG/KG	2000UYJ	1900UYJ	1900UYJ	1900UYJ	1700UY
ACENAPHTHENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
ACENAPHTHYLENE	UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C11-01	C11-01	C11-01	C11-010	C12-01
	SUB-SAMPLE ID:	A	B	C	DUP	A
	STATION ID:	C11	C11	C11	C11	C12
	SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	02/27/1992	04/02/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	3.00	5.00	7.00	5.00	0.50
	LOWER DEPTH:	5.00	7.00	9.00	7.00	2.50
	ANTHRACENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BENZO (B&K) FLUORANTHENE					
	BENZO(A)ANTHRACENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BENZO(A)PYRENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BENZO(B)FLUORANTHENE UG/KG	120DYJ	390UYJ	390UYJ	390UYJ	360UY
	BENZO(GHI)PERYLENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BENZO(K)FLUORANTHENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BENZOIC ACID UG/KG	2000UYJ	1900UYJ	1900UYJ	1900UYJ	1700UY
	BENZYL ALCOHOL UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BENZYL BUTYL PHTHALATE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BIS(2-CHLOROETHOXY) METHANE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BIS(2-CHLOROETHYL) ETHER UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BIS(2-CHLOROISOPROPYL) ETHER UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	CAFFEINE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	CHRYSENE UG/KG	57DYJ	390UYJ	390UYJ	390UYJ	360UY
	DI-N-BUTYL PHTHALATE UG/KG	65DYJ	390UYJ	390UYJ	500YJ	360UY
	DI-N-OCTYL PHTHALATE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	DIBENZO(A,H)ANTHRACENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	DIBENZOFURAN UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	DIETHYL PHTHALATE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	DIMETHYL PHTHALATE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	FLUORANTHENE UG/KG	84DYJ	390UYJ	390UYJ	390UYJ	360UY
	FLUORENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	HEXACHLOROBENZENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	HEXACHLOROBUTADIENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	HEXACHLOROCYCLOPENTADIENE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	HEXACHLOROETHANE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY
	INDENO(1,2,3-CD)PYRENE UG/KG	430YJ	390UYJ	390UYJ	390UYJ	360UY
	ISOPHORONE UG/KG	420UYJ	390UYJ	390UYJ	390UYJ	360UY

NNN+ XXABCELD0 POSITIONALLY N-VALUE, (X= ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = Less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 N = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	C11-01	C11-01	C11-01	C11-01D	C12-01
SAMPLE ID:	A	B	C	DUP	A
SUB-SAMPLE ID:					
STATION ID:	C11	C11	C11	C11	C12
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	02/27/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	5.00	7.00	5.00	0.50
LOWER DEPTH:	5.00	7.00	9.00	7.00	2.50
N-NITROSODINPROPYLAMINE UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	360UJ
N-NITROSODIPHENYLAMINE UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	360UJ
NAPHTHALENE UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	360UJ
NITROBENZENE UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	360UJ
PENTACHLOROPHENOL UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	1700UJ
PHENANTHRENE UG/KG	450YJ	1900UJJ	1900UJJ	1900UJJ	360UJ
PHENOL UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	360UJ
PYRENE UG/KG	870YJ	390UJJ	390UJJ	390UJJ	360UJ
a-PINENE UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	360UJ
d-LIMONENE UG/KG	420UJJ	390UJJ	390UJJ	390UJJ	360UJ

NNN-/-XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C12-01	C13-01	C13-01	C13-01	C14-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C12	C13	C13	C13	C14
SAMPLE DATE:	04/02/1992	03/30/1992	03/30/1992	03/30/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	1.00	3.00	5.00	2.00
LOWER DEPTH:	4.50	3.00	5.00	7.00	4.00
1,2,4-TRICHLOROBENZENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
1,2-DICHLOROBENZENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
1,4-DICHLOROBENZENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
2,4,5-TRICHLOROPHENOL UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
2,4,6-TRICHLOROPHENOL UG/KG	360UY	370UY	370UY	360UY	540UYJ
2,4-DICHLOROPHENOL UG/KG	360UY	370UY	370UY	360UY	540UYJ
2,4-DIMETHYLPHENOL UG/KG	360UY	370UY	370UY	360UY	690UYJ
2,4-DINITROPHENOL UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
2,4-DINITROTOLUENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
2,6-DINITROTOLUENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
2-CHLORONAPHTHALENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
2-CHLOROPHENOL UG/KG	360UY	370UY	370UY	360UY	540UYJ
2-METHYLNAPHTHALENE UG/KG	360UY	370UY	370UY	360UY	2400UYJ
2-METHYLPHENOL UG/KG	360UY	370UY	370UY	360UY	540UYJ
2-NITROANILINE UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
2-NITROPHENOL UG/KG	360UY	370UY	370UY	360UY	540UYJ
3,3'-DICHLOROBENZIDINE UG/KG	720UY	750UY	730UY	720UY	1100UYJ
3-NITROANILINE UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	360UY	370UY	370UY	360UY	540UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	360UY	370UY	370UY	360UY	540UYJ
4-CHLOROANILINE UG/KG	360UY	370UY	370UY	360UY	540UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	360UY	370UY	370UY	360UY	540UYJ
4-METHYLPHENOL UG/KG	360UY	370UY	370UY	360UY	900UYJ
4-NITROANILINE UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
4-NITROPHENOL UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
ACENAPHTHENE UG/KG	360UY	370UY	370UY	360UY	3900UYJ
ACENAPHTHYLENE UG/KG	360UY	370UY	370UY	360UY	540UYJ

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C12-01	C13-01	C13-01	C13-01	C14-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C12	C13	C13	C13	C14
SAMPLE DATE:	04/02/1992	03/30/1992	03/30/1992	03/30/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	1.00	3.00	5.00	2.00
LOWER DEPTH:	4.50	3.00	5.00	7.00	4.00
ANTHRACENE UG/KG	360UY	370UY	370UY	360UY	610DYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	360UY	370UY	370UY	360UY	970DYJ
BENZO(A)PYRENE UG/KG	360UY	370UY	370UY	360UY	8700YJ
BENZO(B)FLUORANTHENE UG/KG	360UY	370UY	370UY	360UY	1600DYJ
BENZO(GHI)PERYLENE UG/KG	360UY	370UY	370UY	360UY	410DYJ
BENZO(K)FLUORANTHENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
BENZOIC ACID UG/KG	1700UY	1800UY	1800UY	1700UY	2600UYJ
BENZYL ALCOHOL UG/KG	360UY	370UY	370UY	360UY	540UYJ
BENZYL BUTYL PHTHALATE UG/KG	360UY	370UY	370UY	360UY	540UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	360UY	370UY	370UY	360UY	540UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	360UY	370UY	370UY	360UY	540UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	360UY	370UY	370UY	360UY	540UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	360UY	370UY	370UY	360UY	540UYJ
CAFFEINE UG/KG	360UY	370UY	370UY	360UY	540UYJ
CHRYSENE UG/KG	360UY	370UY	370UY	360UY	950DYJ
DI-N-BUTYL PHTHALATE UG/KG	360UY	370UY	370UY	360UY	540UYJ
DI-N-OCTYL PHTHALATE UG/KG	360UY	370UY	370UY	360UY	540UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	360UY	370UY	370UY	360UY	150DYJ
DIBENZOFURAN UG/KG	360UY	370UY	370UY	360UY	310DYJ
DIETHYL PHTHALATE UG/KG	360UY	370UY	370UY	360UY	540UYJ
DIMETHYL PHTHALATE UG/KG	360UY	370UY	370UY	360UY	540UYJ
FLUORANTHENE UG/KG	360UY	370UY	370UY	360UY	2400DYJ
FLUORENE UG/KG	360UY	370UY	370UY	360UY	400DYJ
HEXACHLOROBENZENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
HEXACHLOROBUTADIENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
HEXACHLOROETHANE UG/KG	360UY	370UY	370UY	360UY	540UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	360UY	370UY	370UY	360UY	460DYJ
ISOPHORONE UG/KG	360UY	370UY	370UY	360UY	540UYJ

NNN-XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADN ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPHAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID: C12-01	C13-01	C13-01	C13-01	C14-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C12	C13	C13	C13	C14
SAMPLE DATE:	04/02/1992	03/30/1992	03/30/1992	03/30/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	1.00	3.00	5.00	2.00
LOWER DEPTH:	4.50	3.00	5.00	7.00	4.00
N-NITROSODIISOPROPYLAMINE UG/KG	360UY	370UY	370UY	360UY	540UYJ
N-NITROSODIPHENYLAMINE UG/KG	360UY	370UY	370UY	360UY	540UYJ
NAPHTHALENE UG/KG	360UY	370UY	370UY	360UY	520UYJ
NITROBENZENE UG/KG	360UY	370UY	370UY	360UY	540UYJ
PENTACHLOROPHENOL UG/KG	1700UY	1800UY	1800UY	1700UY	540UYJ
PHENANTHRENE UG/KG	360UY	370UY	370UY	360UY	2700UYJ
PHENOL UG/KG	360UY	370UY	370UY	360UY	1500UYJ
PYRENE UG/KG	360UY	370UY	370UY	360UY	1600UYJ
α-PINENE UG/KG	360UY	370UYJ	370UY	360UY	540UYJ
d-LIMONENE UG/KG	360UY	370UY	370UY	360UY	540UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JJ = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C14-01	C15-01	C15-01	C15-01	C16-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C14	C15	C15	C15	C16
SAMPLE DATE:	03/31/1992	02/26/1992	02/26/1992	02/26/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.00	3.00	5.00	1.50
LOWER DEPTH:	6.00	2.00	5.00	7.00	2.50
1,2,4-TRICHLOROBENZENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
1,2-DICHLOROBENZENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
1,4-DICHLOROBENZENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2,4,5-TRICHLOROPHENOL UG/KG	1800UY	1800UYJ	2300UYJ	1800UYJ	2400UY
2,4,6-TRICHLOROPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2,4-DICHLOROPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2,4-DIMETHYLPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2,4-DINITROPHENOL UG/KG	1800UY	1800UYJ	2300UYJ	1800UYJ	2400UY
2,4-DINITROTOLUENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2,6-DINITROTOLUENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2-CHLORONAPHTHALENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2-CHLOROPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2-METHYLNAPHTHALENE UG/KG	370UY	360UYJ	530YJ	380UYJ	500UY
2-METHYLPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
2-NITROANILINE UG/KG	1800UY	1800UYJ	2300UYJ	1800UYJ	2400UY
2-NITROPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
3,3'-DICHLOROBENZIDINE UG/KG	740UY	730UYJ	970UYJ	750UYJ	1000UY
3-NITROANILINE UG/KG	1800UY	360UYJ	480UYJ	380UYJ	2400UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	1800UY	1800UYJ	2300UYJ	1800UYJ	2400UY
4-BROMOPHENYL PHENYL ETHER UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
4-CHLORO-3-METHYLPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
4-CHLOROANILINE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
4-METHYLPHENOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
4-NITROANILINE UG/KG	1800UY	1800UYJ	2300UYJ	1800UYJ	2400UY
4-NITROPHENOL UG/KG	1800UY	1800UYJ	2300UYJ	1800UYJ	2400UY
ACENAPHTHENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
ACENAPHTHYLENE UG/KG	370UY	360UYJ	530YJ	380UYJ	500UY

NNN+/-XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C14-01	C15-01	C15-01	C15-01	C16-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C14	C15	C15	C15	C16
SAMPLE DATE:	03/31/1992	02/26/1992	02/26/1992	02/26/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.00	3.00	5.00	1.50
LOWER DEPTH:	6.00	2.00	5.00	7.00	2.50
ANTHRACENE UG/KG	370UY	360UYJ	620YJ	380UYJ	500UY
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	370UY	440YJ	290DYJ	380UYJ	620YJ
BENZO(A)PYRENE UG/KG	370UY	510YJ	300DYJ	380UYJ	510YJ
BENZO(B)FLUORANTHENE UG/KG	370UY	900YJ	510DYJ	380UYJ	1200YJ
BENZO(GHI)PERYLENE UG/KG	370UY	360UYJ	210DYJ	380UYJ	500UY
BENZO(K)FLUORANTHENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
BENZOIC ACID UG/KG	1800UY	1800UYJ	2300UYJ	1800UYJ	2400UY
BENZYL ALCOHOL UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
BENZYL BUTYL PHTHALATE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
BIS(2-CHLOROETHYL) ETHER UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	370UY	2600DYJ	480UYJ	380UYJ	500UY
CAFFEINE UG/KG	370UY	360UYJ	480UYJ	380UYJ	310DYJ
CHRYSENE UG/KG	370UY	640YJ	420DYJ	380UYJ	750YJ
DI-N-BUTYL PHTHALATE UG/KG	370UY	690YJ	520DYJ	380UYJ	500UY
DI-N-OCTYL PHTHALATE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
DIBENZO(A,H)ANTHRACENE UG/KG	370UY	360UYJ	760YJ	380UYJ	500UY
DIBENZOFURAN UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
DIETHYL PHTHALATE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
DIMETHYL PHTHALATE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
FLUORANTHENE UG/KG	370UY	930YJ	590DYJ	380UYJ	140DYJ
FLUORENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
HEXACHLOROBENZENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
HEXACHLOROBUTADIENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
HEXACHLOROCYCLOPENTADIENE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
HEXACHLOROETHANE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
INDENO(1,2,3-CD)PYRENE UG/KG	370UY	390YJ	200DYJ	380UYJ	500UY
ISOPHORONE UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C14-01	C15-01	C15-01	C15-01	C16-01
	SUB-SAMPLE ID:	B	A	B	C	A
	STATION ID:	C14	C15	C15	C15	C16
	SAMPLE DATE:	03/31/1992	02/26/1992	02/26/1992	02/26/1992	04/01/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	4.00	0.00	3.00	5.00	1.50
	LOWER DEPTH:	6.00	2.00	5.00	7.00	2.50
N-NITROSODINPROPYLAMINE	UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
N-NITROSODIPHENYLAMINE	UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
NAPHTHALENE	UG/KG	370UY	360UYJ	540YJ	380UYJ	500UY
NITROBENZENE	UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UY
PENTACHLOROPHENOL	UG/KG	1800UY	360UYJ	480UYJ	380UYJ	2400UY
PHENANTHRENE	UG/KG	370UY	600YJ	3200YJ	1800UYJ	1000YJ
PHENOL	UG/KG	370UY	360UYJ	480UYJ	380UYJ	4300YJ
PYRENE	UG/KG	370UY	1400YJ	6200YJ	380UYJ	1100YJ
a-PINENE	UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UYJ
d-LIMONENE	UG/KG	370UY	360UYJ	480UYJ	380UYJ	500UYJ

NNN+/ XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C16-01	C16-01	C17-01	C17-01	C17-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C16	C16	C17	C17	C17
SAMPLE DATE:	04/01/1992	04/01/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.00	0.00	2.00	3.00
LOWER DEPTH:	4.00	5.50	2.00	3.00	4.00
1,2,4-TRICHLOROBENZENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
1,2-DICHLOROBENZENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
1,4-DICHLOROBENZENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2,4,5-TRICHLOROPHENOL UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
2,4,6-TRICHLOROPHENOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2,4-DICHLOROPHENOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2,4-DIMETHYLPHENOL UG/KG	630UY	400UY	770YJ	510UYJ	390UYJ
2,4-DINITROPHENOL UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
2,4-DINITROTOLUENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2,6-DINITROTOLUENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2-CHLORONAPHTHALENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2-CHLOROPHENOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2-METHYLNAPHTHALENE UG/KG	630UY	400UY	560YJ	510UYJ	390UYJ
2-METHYLPHENOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
2-NITROANILINE UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
2-NITROPHENOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
3,3'-DICHLOROBENZIDINE UG/KG	1300UY	790UY	930UYJ	1000UYJ	780UYJ
3-NITROANILINE UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	630UY	400UY	870YJ	510UYJ	390UYJ
4-CHLOROANILINE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
4-METHYLPHENOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
4-NITROANILINE UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
4-NITROPHENOL UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
ACENAPHTHENE UG/KG	630UY	400UY	550YJ	510UYJ	390UYJ
ACENAPHTHYLENE UG/KG	630UY	400UY	1900YJ	1400YJ	390UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C16-01	C16-01	C17-01	C17-01	C17-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C16	C16	C17	C17	C17
SAMPLE DATE:	04/01/1992	04/01/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.00	0.00	2.00	3.00
LOWER DEPTH:	4.00	5.50	2.00	3.00	4.00
ANTHRACENE UG/KG	630UY	400UY	460UYJ	580YJ	390UYJ
BENZO (B&K) FLUORANTHENE UG/KG			11000YJ	5400YJ	
BENZO(A)ANTHRACENE UG/KG	1400YJ	400UY	4400YJ	2000YJ	390UYJ
BENZO(A)PYRENE UG/KG	1400YJ	400UY	5300YJ	2700YJ	390UYJ
BENZO(B)FLUORANTHENE UG/KG	3000YJ	400UY			390UYJ
BENZO(GHI)PERYLENE UG/KG	110UY	400UY	4900YJ	2700YJ	390UYJ
BENZO(K)FLUORANTHENE UG/KG	630UY	400UY			390UYJ
BENZOIC ACID UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
BENZYL ALCOHOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
BENZYL BUTYL PHTHALATE UG/KG	630UY	400UY	3600YJ	5600YJ	25000YJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	630UY	400UY	4300YJ	6200YJ	25000YJ
CAFFEINE UG/KG	8600YJ	400UY	460UYJ	510UYJ	390UYJ
CHRYSENE UG/KG	1900YJ	400UY	6300YJ	3200YJ	390UYJ
DI-N-BUTYL PHTHALATE UG/KG	630UY	400UY	460UYJ	1200YJ	2200YJ
DI-N-OCTYL PHTHALATE UG/KG	630UY	400UY	700YJ	1300YJ	7900YJ
DIBENZO(A,H)ANTHRACENE UG/KG	630UY	400UY	2000YJ	700YJ	390UYJ
DIBENZOFURAN UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
DIETHYL PHTHALATE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
DIMETHYL PHTHALATE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
FLUORANTHENE UG/KG	3800YJ	400UY	6300YJ	4300YJ	390UYJ
FLUORENE UG/KG	630UY	400UY	580YJ	510UYJ	390UYJ
HEXACHLOROBENZENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
HEXACHLOROBUTADIENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
HEXACHLOROETHANE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	1000YJ	400UY	4400YJ	2300YJ	390UYJ
ISOPHORONE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ

NNN+/XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, J=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C16-01	C16-01	C17-01	C17-01	C17-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C16	C16	C17	C17	C17
SAMPLE DATE:	04/01/1992	04/01/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.00	0.00	2.00	3.00
LOWER DEPTH:	4.00	5.50	2.00	3.00	4.00
N-NITROSODINPROPYLAMINE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
N-NITROSODIPHENYLAMINE UG/KG	630UY	400UY	610DYJ	510UYJ	390UYJ
NAPHTHALENE UG/KG	630UY	400UY	490YJ	510UYJ	390UYJ
NITROBENZENE UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
PENTACHLOROPHENOL UG/KG	3000UY	1900UY	2200UYJ	2500UYJ	1900UYJ
PHENANTHRENE UG/KG	260DYJ	400UY	450DYJ	220DYJ	390UYJ
PHENOL UG/KG	630UY	400UY	460UYJ	510UYJ	390UYJ
PYRENE UG/KG	270DYJ	400UY	1100DYJ	610DYJ	390UYJ
a-PINENE UG/KG	630UYJ	400UYJ	460UYJ	510UYJ	390UYJ
d-LIMONENE UG/KG	630UYJ	400UYJ	460UYJ	510UYJ	390UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C18-01	C18-01	C19-01	C19-01	C19-01
	SUB-SAMPLE ID:	A	B	A	B	C
	STATION ID:	C18	C18	C19	C19	C19
	SAMPLE DATE:	04/07/1992	04/07/1992	04/08/1992	04/08/1992	04/08/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	0.00	2.00	0.00	2.00	4.00
	LOWER DEPTH:	2.00	4.00	2.00	4.00	6.00
1,2,4-TRICHLOROBENZENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
1,2-DICHLOROBENZENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
1,4-DICHLOROBENZENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2,4,5-TRICHLOROPHENOL	UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
2,4,6-TRICHLOROPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2,4-DICHLOROPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2,4-DIMETHYLPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2,4-DINITROPHENOL	UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
2,4-DINITROTOLUENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2,6-DINITROTOLUENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2-CHLORONAPHTHALENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2-CHLOROPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2-METHYLNAPHTHALENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2-METHYLPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
2-NITROANILINE	UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
2-NITROPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
3,3'-DICHLOROBENZIDINE	UG/KG	880UYJ	730UYJ	970UYJ	760UYJ	760UYJ
3-NITROANILINE	UG/KG	2100UYJ	UYR	UYR	1800UYJ	1800UYJ
4,6-DINITRO-2-METHYLPHENOL	UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
4-BROMOPHENYL PHENYL ETHER	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
4-CHLORO-3-METHYLPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
4-CHLOROANILINE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
4-CHLOROPHENYL PHENYL ETHER	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
4-METHYLPHENOL	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
4-NITROANILINE	UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
4-NITROPHENOL	UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
ACENAPHTHENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
ACENAPHTHYLENE	UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ

NNN+/ XXABCCDD POSITIONALLY N-VALUE, (+/-) XX-ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C18-01	C18-01	C19-01	C19-01	C19-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C18	C18	C19	C19	C19
SAMPLE DATE:	04/07/1992	04/07/1992	04/08/1992	04/08/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	2.00	4.00
LOWER DEPTH:	2.00	4.00	2.00	4.00	6.00
ANTHRACENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
BENZO (B&K) FLUORANTHENE UG/KG			190DYJ		
BENZO(A)ANTHRACENE UG/KG	57DYJ	370UYJ	480UYJ	380UYJ	380UYJ
BENZO(A)PYRENE UG/KG	54DYJ	370UYJ	85DYJ	380UYJ	380UYJ
BENZO(B)FLUORANTHENE UG/KG	130DYJ	370UYJ		380UYJ	380UYJ
BENZO(GHI)PERYLENE UG/KG	440UYJ	42DYJ	53DYJ	380UYJ	380UYJ
BENZO(K)FLUORANTHENE UG/KG	UYR	370UYJ		380UYJ	380UYJ
BENZOIC ACID UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
BENZYL ALCOHOL UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
BENZYL BUTYL PHTHALATE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	74DYJ	780DYJ	110DYJ	380UYJ	110DYJ
CAFFEINE UG/KG	1600DYJ	370UYJ	1200DYJ	380UYJ	380UYJ
CHRYSENE UG/KG	81DYJ	370UYJ	130DYJ	380UYJ	380UYJ
DI-N-BUTYL PHTHALATE UG/KG	49DYJ	370UYJ	69DYJ	51DYJ	110DYJ
DI-N-OCTYL PHTHALATE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	440UYJ	380YJ	480UYJ	380UYJ	380UYJ
DIBENZOFURAN UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
DIETHYL PHTHALATE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
DIMETHYL PHTHALATE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
FLUORANTHENE UG/KG	120DYJ	370UYJ	230DYJ	380UYJ	380UYJ
FLUORENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
HEXACHLOROBENZENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
HEXACHLOROBUTADIENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
HEXACHLOROETHANE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
ISOPHORONE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	C18-01	C18-01	C19-01	C19-01	C19-01
SAMPLE ID:					
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C18	C18	C19	C19	C19
SAMPLE DATE:	04/07/1992	04/07/1992	04/08/1992	04/08/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	2.00	4.00
LOWER DEPTH:	2.00	4.00	2.00	4.00	6.00
N-NITROSODINPROPYLAMINE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
N-NITROSODIPHENYLAMINE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
NAPHTHALENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
NITROBENZENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
PENTACHLOROPHENOL UG/KG	2100UYJ	1800UYJ	2300UYJ	1800UYJ	1800UYJ
PHENANTHRENE UG/KG	940YJ	370UYJ	170DYJ	380UYJ	380UYJ
PHENOL UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
PYRENE UG/KG	150DYJ	370UYJ	250DYJ	380UYJ	380UYJ
a-PINENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ
d-LIMONENE UG/KG	440UYJ	370UYJ	480UYJ	380UYJ	380UYJ

NNN+/ XXABCCDD POSITIONALLY N-VALUE, (+/-) XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C20-01	C20-01	C20-01	C21-01	C21-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C20	C20	C20	C21	C21
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.50	6.50	0.00	2.00
LOWER DEPTH:	4.50	6.50	8.50	2.00	4.00
1,2,4-TRICHLOROBENZENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
1,2-DICHLOROBENZENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
1,4-DICHLOROBENZENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2,4,5-TRICHLOROPHENOL UG/KG	3700UY	3500UY	4100UY	2500UYJ	2400UYJ
2,4,6-TRICHLOROPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2,4-DICHLOROPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2,4-DIMETHYLPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2,4-DINITROPHENOL UG/KG	3700UY	3500UY	4100UY	2500UYJ	2400UYJ
2,4-DINITROTOLUENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2,6-DINITROTOLUENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2-CHLORONAPHTHALENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2-CHLOROPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2-METHYLNAPHTHALENE UG/KG	740UY	1300YJ	1700DY	510UYJ	500UYJ
2-METHYLPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
2-NITROANILINE UG/KG	3700UY	3500UY	4100UY	2500UYJ	2400UYJ
2-NITROPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
3,3'-DICHLOROBENZIDINE UG/KG	1500UY	1400UY	1400UY	1000UYJ	1000UYJ
3-NITROANILINE UG/KG	740UY	720UY	840UY	2500UYJ	UYR
4,6-DINITRO-2-METHYLPHENOL UG/KG	3700UY	3500UY	4100UY	2500UYJ	2400UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
4-CHLOROANILINE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
4-METHYLPHENOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
4-NITROANILINE UG/KG	3700UY	3500UY	4100UY	2500UYJ	2400UYJ
4-NITROPHENOL UG/KG	3700UY	3500UY	4100UY	2500UYJ	2400UYJ
ACENAPHTHENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
ANTHRACENE UG/KG	740UY	1000DY	840UY	510UYJ	69DYJ

NNN-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C20-01	C20-01	C20-01	C21-01	C21-01
	SUB-SAMPLE ID:	A	B	C	A	B
	STATION ID:	C20	C20	C20	C21	C21
	SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	04/07/1992	04/07/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	2.50	4.50	6.50	0.00	2.00
	LOWER DEPTH:	4.50	6.50	8.50	2.00	4.00
	ANTHRACENE UG/KG	740UY	1400YJ	840UY	510UYJ	620YJ
	BENZO (B&K) FLUORANTHENE UG/KG				1100YJ	3900YJ
	BENZO(A)ANTHRACENE UG/KG	740UY	800DY	840UY	510UYJ	1500YJ
	BENZO(A)PYRENE UG/KG	740UY	2300DY	840UY	650YJ	1900YJ
	BENZO(B)FLUORANTHENE UG/KG	740UY	4500DY	1090YJ		
	BENZO(GHI)PERYLENE UG/KG	740UY	720UY	840UY	510UYJ	1300YJ
	BENZO(K)FLUORANTHENE UG/KG	740UY	720UY	840UY		
	BENZOIC ACID UG/KG	3700UY	3500UY	4100UY	2500UYJ	2400UYJ
	BENZYL ALCOHOL UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	BENZYL BUTYL PHTHALATE UG/KG	740UY	720UY	840UY	510UYJ	2600YJ
	BIS(2-CHLOROETHOXY) METHANE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	BIS(2-CHLOROETHYL) ETHER UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	BIS(2-CHLOROISOPROPYL) ETHER UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	BIS(2-ETHYLHEXYL) PHTHALATE UG/KG	740UY	720UY	840UY	1100YJ	3100YJ
	CAFFEINE UG/KG	740UYJ	720UYJ	840UYJ	510UYJ	860YJ
	CHRYSENE UG/KG	740UY	1200DY	840UY	790YJ	2400YJ
	DI-N-BUTYL PHTHALATE UG/KG	740UY	720UY	840UY	510UYJ	1000YJ
	DI-N-OCTYL PHTHALATE UG/KG	740UY	720UY	840UY	510UYJ	720YJ
	DIBENZO(A,H)ANTHRACENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	DIBENZOFURAN UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	DIETHYL PHTHALATE UG/KG	740UY	720UY	840UY	510UYJ	590YJ
	DIMETHYL PHTHALATE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	FLUORANTHENE UG/KG	740UY	5600YJ	840UY	890YJ	3000YJ
	FLUORENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	HEXACHLOROBENZENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	HEXACHLOROBUTADIENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	HEXACHLOROCYCLOPENTADIENE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	HEXACHLOROMETHANE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ
	INDENO(1,2,3-CD)PYRENE UG/KG	740UY	2400DY	840UY	510UYJ	1300YJ
	ISOPHORONE UG/KG	740UY	720UY	840UY	510UYJ	500UYJ

NNN+/-XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C20-01	C20-01	C20-01	C21-01	C21-01
	SUB-SAMPLE ID:	A	B	C	A	B
	STATION ID:	C20	C20	C20	C21	C21
	SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	04/07/1992	04/07/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	2.50	4.50	6.50	0.00	2.00
	LOWER DEPTH:	4.50	6.50	8.50	2.00	4.00
N-NITROSODIPROPYLAMINE UG/KG		740UY	720UY	840UY	510UYJ	500UYJ
N-NITROSODIPHENYLAMINE UG/KG		740UY	720UY	840UY	510UYJ	500UYJ
NAPHTHALENE UG/KG		740UY	170DYJ	2500DY	510UYJ	500UYJ
NITROBENZENE UG/KG		740UY	290DYJ	840UY	510UYJ	500UYJ
PENTACHLOROPHENOL UG/KG		740UY	720UY	840UY	2500UYJ	2400UYJ
PHENANTHRENE UG/KG		3700UY	960YJ	4100UY	790YJ	230DYJ
PHENOL UG/KG		740UY	720UY	840UY	510UYJ	500UYJ
PYRENE UG/KG		740UY	1300DY	840UY	110DYJ	360DYJ
a-PINENE UG/KG		740UYJ	720UYJ	840UYJ	510UYJ	500UYJ
d-LIMONENE UG/KG		740UYJ	720UYJ	840UYJ	510UYJ	500UYJ

NNN+/-XXABCCDD POSITIONALLY (N=VALUE, +/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JK = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:		C22-01	C22-01	C22-01	C23-01	C23-01
SUB-SAMPLE ID:		A	B	C	A	B
STATION ID:		C22	C22	C22	C23	C23
SAMPLE DATE:		02/27/1992	02/27/1992	02/27/1992	04/02/1992	04/02/1992
SAMPLE TIME:						
SAMPLE MATRIX:		SB	SB	SB	SB	SB
UPPER DEPTH:		1.00	3.00	5.00	0.00	4.00
LOWER DEPTH:		3.00	5.00	7.00	2.00	6.00
1,2,4-TRICHLOROBENZENE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
1,2-DICHLOROBENZENE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
1,4-DICHLOROBENZENE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2,4,5-TRICHLOROPHENOL UG/KG		1800UYJ	1800UYJ	1800UYJ	2100UY	1800UY
2,4,6-TRICHLOROPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2,4-DICHLOROPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2,4-DIMETHYLPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2,4-DINITROPHENOL UG/KG		1800UYJ	1800UYJ	1800UYJ	2100UY	1800UY
2,4-DINITROTOLUENE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2,6-DINITROTOLUENE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2-CHLORONAPHTHALENE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2-CHLOROPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2-METHYLNAPHTHALENE UG/KG		360UYJ	370UYJ	370UYJ	130UYJ	380UY
2-METHYLPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
2-NITROANILINE UG/KG		1800UYJ	1800UYJ	1800UYJ	2100UY	1800UY
2-NITROPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
3,3'-DICHLOROBENZIDINE UG/KG		730UYJ	740UYJ	730UYJ	850UY	760UY
3-NITROANILINE UG/KG		360UYJ	370UYJ	370UYJ	2100UY	1800UY
4,6-DINITRO-2-METHYLPHENOL UG/KG		1800UYJ	1800UYJ	1800UYJ	2100UY	1800UY
4-BROMOPHENYL PHENYL ETHER UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
4-CHLORO-3-METHYLPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
4-CHLOROANILINE UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
4-CHLOROPHENYL PHENYL ETHER UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
4-METHYLPHENOL UG/KG		360UYJ	370UYJ	370UYJ	420UY	380UY
4-NITROANILINE UG/KG		1800UYJ	1800UYJ	1800UYJ	2100UY	1800UY
4-NITROPHENOL UG/KG		1800UYJ	1800UYJ	1800UYJ	2100UY	1800UY
ACENAPHTHENE UG/KG		360UYJ	370UYJ	370UYJ	4500Y	380UY
ACENAPHTHYLENE UG/KG		360UYJ	370UYJ	370UYJ	9400Y	380UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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 02/24/93
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SAMPLE ID:	C22-01	C22-01	C22-01	C23-01	C23-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C22	C22	C22	C23	C23
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	04/02/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	0.00	4.00
LOWER DEPTH:	3.00	5.00	7.00	2.00	6.00
ANTHRACENE UG/KG	360UYJ	370UYJ	370UYJ	1200DY	380UY
BENZO (B&K) FLUORANTHENE UG/KG	360UYJ	41DYJ	370UYJ	3400DY	380UY
BENZO(A)ANTHRACENE UG/KG	360UYJ	370UYJ	370UYJ	3100DY	380UY
BENZO(A)PYRENE UG/KG	360UYJ	60DYJ	370UYJ	3500DY	42DYJ
BENZO(B)FLUORANTHENE UG/KG	360UYJ	370UYJ	370UYJ	2700DY	380UY
BENZO(GHI)PERYLENE UG/KG	360UYJ	370UYJ	370UYJ	4100DY	49DYJ
BENZO(K)FLUORANTHENE UG/KG	1800UYJ	1800UYJ	1800UYJ	2100UY	1800UY
BENZOIC ACID UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
BENZYL ALCOHOL UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
BENZYL BUTYL PHTHALATE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
BIS(2-CHLOROETHYL)ETHANE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
BIS(2-CHLOROISOPROPYL) ETHANE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	360UYJ	370UYJ	370UYJ	93DYJ	380UY
CAFFEINE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
CHRYSENE UG/KG	360UYJ	41DYJ	370UYJ	3600DY	49DYJ
D1-N-BUTYL PHTHALATE UG/KG	360UYJ	54DYJ	370UYJ	420UY	380UY
D1-N-OCTYL PHTHALATE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
DIBENZO(A,H)ANTHRACENE UG/KG	360UYJ	370UYJ	370UYJ	1200DY	380UY
DIBENZOFURAN UG/KG	360UYJ	370UYJ	370UYJ	2300DY	380UY
DIETHYL PHTHALATE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
DIMETHYL PHTHALATE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
FLUORANTHENE UG/KG	360UYJ	55DYJ	370UYJ	6400DY	48DYJ
FLUORENE UG/KG	360UYJ	370UYJ	370UYJ	590DY	380UY
HEXACHLOROBENZENE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
HEXACHLOROBUTADIENE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
HEXACHLOROCYCLOPENTADIENE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
HEXACHLOROETHANE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
INDENO(1,2,3-CD)PYRENE UG/KG	360UYJ	370UYJ	370UYJ	2900DY	380UY
ISOPHORONE UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D = detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C22-01	C22-01	C22-01	C23-01	C23-01
	SUB-SAMPLE ID:	A	B	C	A	B
	STATION ID:	C22	C22	C22	C23	C23
	SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	04/02/1992	04/02/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	1.00	3.00	5.00	0.00	4.00
	LOWER DEPTH:	3.00	5.00	7.00	2.00	6.00
N-NITROSODIISOPROPYLAMINE	UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
N-NITROSODIPHENYLAMINE	UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
NAPHTHALENE	UG/KG	360UYJ	370UYJ	370UYJ	850YJ	380UY
NITROBENZENE	UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
PENTACHLOROPHENOL	UG/KG	360UYJ	370UYJ	370UYJ	2100UY	1800UY
PHENANTHRENE	UG/KG	1800UYJ	1800UYJ	1800UYJ	5100DY	380UY
PHENOL	UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
PYRENE	UG/KG	360UYJ	590YJ	370UYJ	68000YJ	570YJ
α-PINENE	UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY
d-LIMONENE	UG/KG	360UYJ	370UYJ	370UYJ	420UY	380UY

NNN+/ XXABCCDD POSITIONALLY N-VALUE, (/* XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS.
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATION MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C23-01D	C24-01	C24-01	C25-01	C25-01
SUB-SAMPLE ID:	DUP	A	B	A	B
STATION ID:	C23	C24	C24	C25	C25
SAMPLE DATE:	04/02/1992	04/07/1992	04/07/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	4.00	0.50	4.50
LOWER DEPTH:	6.00	4.00	6.00	2.50	6.50
1,2,4-TRICHLOROBENZENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
1,2-DICHLOROBENZENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
1,4-DICHLOROBENZENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2,4,5-TRICHLOROPHENOL UG/KG	1800UY	2500UYJ	1900UYJ	1900UYJ	1800UYJ
2,4,6-TRICHLOROPHENOL UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2,4-DICHLOROPHENOL UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2,4-DIMETHYLPHENOL UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2,4-DINITROPHENOL UG/KG	1800UY	2500UYJ	1900UYJ	1900UYJ	1800UYJ
2,4-DINITROTOLUENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2,6-DINITROTOLUENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2-CHLORONAPHTHALENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2-CHLOROPHENOL UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
2-METHYLNAPHTHALENE UG/KG	370UY	520UYJ	380UYJ	2600UYJ	2700UYJ
2-METHYLPHENOL UG/KG	370UY	300UYJ	380UYJ	390UYJ	380UYJ
2-NITROANILINE UG/KG	1800UY	2500UYJ	1900UYJ	1900UYJ	1800UYJ
2-NITROPHENOL UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
3,3'-DICHLOROBENZIDINE UG/KG	740UY	1000UYJ	770UYJ	780UYJ	760UYJ
3-NITROANILINE UG/KG	1800UY	UYR	1900UYJ	390UYJ	380UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	1800UY	2500UYJ	1900UYJ	1900UYJ	1800UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
4-CHLOROANILINE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
4-METHYLPHENOL UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
4-NITROANILINE UG/KG	1800UY	2500UYJ	1900UYJ	1900UYJ	1800UYJ
4-NITROPHENOL UG/KG	1800UY	2500UYJ	1900UYJ	1900UYJ	1800UYJ
ACENAPHTHENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
ACENAPHTHYLENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:		C23-01D	C24-01	C24-01	C25-01	C25-01
SUB-SAMPLE ID:		DUP	A	B	A	B
STATION ID:		C23	C24	C24	C25	C25
SAMPLE DATE:		04/02/1992	04/07/1992	04/07/1992	02/26/1992	02/26/1992
SAMPLE TIME:						
SAMPLE MATRIX:		SB	SB	SB	SB	SB
UPPER DEPTH:		4.00	2.00	4.00	0.50	4.50
LOWER DEPTH:		6.00	4.00	6.00	2.50	6.50
ANTHRACENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
BENZO (B&K) FLUORANTHENE UG/KG			85DYJ			
BENZO(A)ANTHRACENE UG/KG		370UY	520UYJ	380UYJ	46DYJ	380UYJ
BENZO(A)PYRENE UG/KG		370UY	520UYJ	380UYJ	55DYJ	380UYJ
BENZO(B)FLUORANTHENE UG/KG		370UY		380UYJ	93DYJ	380UYJ
BENZO(GH)PERYLENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
BENZO(K)FLUORANTHENE UG/KG		370UY		380UYJ	390UYJ	380UYJ
BENZOIC ACID UG/KG		1800UY	2500UYJ	1900UYJ	1900UYJ	1800UYJ
BENZYL ALCOHOL UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
BENZYL BUTYL PHTHALATE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
BIS(2-CHLOROETHYL) ETHER UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG		370UY	130DYJ	380UYJ	390UYJ	380UYJ
CAFFEINE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
CHRYSENE UG/KG		370UY	520UYJ	380UYJ	75DYJ	380UYJ
DI-N-BUTYL PHTHALATE UG/KG		370UY	58DYJ	380UYJ	390UYJ	55DYJ
DI-N-OCTYL PHTHALATE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
DIBENZO(A,H)ANTHRACENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
DIBENZOFURAN UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
DIETHYL PHTHALATE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
DIMETHYL PHTHALATE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
FLUORANTHENE UG/KG		41DYJ	97DYJ	380UYJ	120DYJ	380UYJ
FLUORENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	41DYJ
HEXACHLOROBENZENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
HEXACHLOROBUTADIENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
HEXACHLOROTHANE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
INDENO(1,2,3-CD)PYRENE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ
ISOPHORONE UG/KG		370UY	520UYJ	380UYJ	390UYJ	380UYJ

NNN+/XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
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SAMPLE ID:	C23-01D	C24-01	C24-01	C25-01	C25-01
SUB-SAMPLE ID:	DUP	A	B	A	B
STATION ID:	C23	C24	C24	C25	C25
SAMPLE DATE:	04/02/1992	04/07/1992	04/07/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	4.00	0.50	4.50
LOWER DEPTH:	6.00	4.00	6.00	2.50	6.50
N-NITROSODIPROPYLAMINE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
N-NITROSODIPHENYLAMINE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
NAPHTHALENE UG/KG	370UY	520UYJ	380UYJ	3500UYJ	3300UYJ
NITROBENZENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
PENTACHLOROPHENOL UG/KG	1800UY	2500UYJ	1900UYJ	390UYJ	380UYJ
PHENANTHRENE UG/KG	370UY	570YJ	380UYJ	910YJ	400YJ
PHENOL UG/KG	370UY	2200UYJ	380UYJ	390UYJ	380UYJ
PYRENE UG/KG	420YJ	890YJ	380UYJ	1200YJ	380UYJ
α-PINENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ
d-LIMONENE UG/KG	370UY	520UYJ	380UYJ	390UYJ	380UYJ

NNN+/ XXABCCDD POSITIONALLY N-VALUE, . XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C25-01	C26-01	C26-01	C26-01	C27-01
	SUB-SAMPLE ID:	C	A	B	C	A
	STATION ID:	C25	C26	C26	C26	C27
	SAMPLE DATE:	02/26/1992	02/24/1992	02/24/1992	02/24/1992	02/25/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	8.50	0.00	2.00	4.00	2.00
	LOWER DEPTH:	10.50	2.00	4.00	6.00	4.00
1,2,4-TRICHLOROBENZENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
1,2-DICHLOROBENZENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
1,4-DICHLOROBENZENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2,4,5-TRICHLOROPHENOL	UG/KG	1900UYJ	1900UYJ	1800UYJ	1800UYJ	2900UYJ
2,4,6-TRICHLOROPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2,4-DICHLOROPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2,4-DIMETHYLPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2,4-DINITROPHENOL	UG/KG	1900UY	1900UYJ	1800UYJ	1800UYJ	2900UYJ
2,4-DINITROTOLUENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2,6-DINITROTOLUENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2-CHLORONAPHTHALENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2-CHLOROPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2-METHYLNAPHTHALENE	UG/KG	13000DYJ	390UYJ	370UYJ	360UYJ	70DYJ
2-METHYLPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
2-NITROANILINE	UG/KG	1900UYJ	1900UYJ	1800UYJ	1800UYJ	2900UYJ
2-NITROPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
3,3'-DICHLOROBENZIDINE	UG/KG	760UYJ	780UYJ	730UYJ	730UYJ	1200UYJ
3-NITROANILINE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
4,6-DINITRO-2-METHYLPHENOL	UG/KG	1900UYJ	1900UYJ	1800UYJ	1800UYJ	2900UYJ
4-BROMOPHENYL PHENYL ETHER	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
4-CHLORO-3-METHYLPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
4-CHLOROANILINE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
4-CHLOROPHENYL PHENYL ETHER	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
4-METHYLPHENOL	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
4-NITROANILINE	UG/KG	1900UYJ	1900UYJ	1800UYJ	1800UYJ	2900UYJ
4-NITROPHENOL	UG/KG	1900UYJ	1900UYJ	1800UYJ	1800UYJ	2900UYJ
ACENAPHTHENE	UG/KG	400DYJ	390UYJ	370UYJ	360UYJ	240DYJ
ACENAPHTHYLENE	UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	1040DYJ

NNN+/-XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEFAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C25-01	C26-01	C26-01	C26-01	C27-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C25	C26	C26	C26	C27
SAMPLE DATE:	02/26/1992	02/24/1992	02/24/1992	02/24/1992	02/25/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	8.50	0.00	2.00	4.00	2.00
LOWER DEPTH:	10.50	2.00	4.00	6.00	4.00
ANTHRACENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	1060DYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	3400DYJ
BENZO(A)PYRENE UG/KG	380UYJ	52DYJ	370UYJ	360UYJ	3300DYJ
BENZO(B)FLUORANTHENE UG/KG	380UYJ	130DYJ	370UYJ	360UYJ	5200DYJ
BENZO(GHI)PERYLENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	2100DYJ
BENZO(K)FLUORANTHENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
BENZOIC ACID UG/KG	1900UYJ	1900UYJ	1800UYJ	1800UYJ	2900UYJ
BENZYL ALCOHOL UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
BENZYL BUTYL PHTHALATE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
BIS(2-CHLOROETHOXY) ETHER UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
BIS(2-CHLOROETHYL) ETHER UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
CAFFEINE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
CHRYSENE UG/KG	380UYJ	56DYJ	370UYJ	360UYJ	3600DYJ
DI-N-BUTYL PHTHALATE UG/KG	60DYJ	760UYJ	470UYJ	580UYJ	120UYJ
DI-N-OCTYL PHTHALATE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	1800DYJ
DIBENZOFURAN UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	200DYJ
DIETHYL PHTHALATE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	110DYJ
DIMETHYL PHTHALATE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
FLUORANTHENE UG/KG	380UYJ	97DYJ	370UYJ	360UYJ	6300DYJ
FLUORENE UG/KG	110DYJ	390UYJ	370UYJ	360UYJ	4300DYJ
HEXACHLOROBENZENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
HEXACHLOROBUTADIENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
HEXACHLOROFTHANE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	2200DYJ
ISOPHORONE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID: SUB-SAMPLE ID: STATION ID: SAMPLE DATE: SAMPLE TIME: SAMPLE MATRIX: UPPER DEPTH: LOWER DEPTH:	C25-01 C C25 02/26/1992 SB 8.50 10.50	C26-01 A C26 02/24/1992 SB 0.00 2.00	C26-01 B C26 02/24/1992 SB 2.00 4.00	C26-01 C C26 02/24/1992 SB 4.00 6.00	C27-01 A C27 02/25/1992 SB 2.00 4.00
N-NITROSODIPROPYLAMINE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ	
N-NITROSODIPHENYLAMINE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ	
NAPHTHALENE UG/KG	10800DYJ	390UYJ	370UYJ	360UYJ	860YJ	
NITROBENZENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ	
PENTACHLOROPHENOL UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ	
PHENANTHRENE UG/KG	90DYJ	1900UYJ	1800UYJ	1800UYJ	4100DYJ	
PHENOL UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ	
PYRENE UG/KG	520YJ	390UYJ	370UYJ	360UYJ	5900DYJ	
α-PINENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ	
d-LIMONENE UG/KG	380UYJ	390UYJ	370UYJ	360UYJ	600UYJ	

NNN+/-XXABCCDD POSITIONALLY N VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, B detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C27-01	C27-01	C28-01	C28-01	C28-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C27	C27	C28	C28	C28
SAMPLE DATE:	02/25/1992	02/25/1992	02/20/1992	02/20/1992	02/20/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	6.00	3.00	5.00	7.00
LOWER DEPTH:	6.00	8.00	5.00	7.00	9.00
1,2,4-TRICHLOROBENZENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
1,2-DICHLOROBENZENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
1,4-DICHLOROBENZENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2,4,5-TRICHLOROPHENOL UG/KG	1900UYJ	1800UYJ	1700UY	1800UY	1800UY
2,4,6-TRICHLOROPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2,4-DICHLOROPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2,4-DIMETHYLPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2,4-DINITROPHENOL UG/KG	1900UYJ	1800UYJ	1700UY	1800UY	1800UY
2,4-DINITROTOLUENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2,6-DINITROTOLUENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2-CHLORONAPHTHALENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2-CHLOROPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2-METHYLNAPHTHALENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2-METHYLPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
2-NITROANILINE UG/KG	1900UYJ	1800UYJ	1700UY	1800UY	1800UY
2-NITROPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
3,3'-DICHLOROBENZIDINE UG/KG	780UYJ	760UYJ	710UY	730UY	730UY
3-NITROANILINE UG/KG	390UYJ	380UYJ	360UY	370UYJ	370UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	1900UYJ	1800UYJ	1700UY	1800UY	1800UY
4-BROMOPHENYL PHENYL ETHER UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
4-CHLOROPHENYL METHYLPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
4-CHLOROPHENYL CHLOROANILINE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
4-METHYLPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
4-NITROANILINE UG/KG	1900UYJ	1800UYJ	1700UY	1800UY	1800UY
4-NITROPHENOL UG/KG	1900UYJ	1800UYJ	1700UY	1800UY	1800UY
ACENAPHTHENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
ACENAPHTHYLENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JJ = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C27-01	C27-01	C28-01	C28-01	C28-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C27	C27	C28	C28	C28
SAMPLE DATE:	02/25/1992	02/25/1992	02/20/1992	02/20/1992	02/20/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	6.00	3.00	5.00	7.00
LOWER DEPTH:	6.00	8.00	5.00	7.00	9.00
ANTHRACENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
BENZO (B&K) FLUORANTHENE UG/KG	390UYJ	1090YJ	360UY	370UY	370UY
BENZO(A)ANTHRACENE UG/KG	390UYJ	1100YJ	360UY	370UY	370UY
BENZO(A)PYRENE UG/KG	390UYJ	1800YJ	360UY	370UY	370UY
BENZO(B)FLUORANTHENE UG/KG	390UYJ				
BENZO(GH)PERYLENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
BENZO(K)FLUORANTHENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
BENZOIC ACID UG/KG	1900UYJ	1800UYJ	1700UY	1800UY	1800UY
BENZYL ALCOHOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
BENZYL BUTYL PHTHALATE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
BIS(2-CHLOROETHYL) ETHER UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	390UYJ	380UYJ	360UY	370UYJ	370UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	390UYJ	540YJ	360UY	370UY	370UY
CAFFEINE UG/KG	390UYJ	380UYJ	360UYJ	370UYJ	370UYJ
CHRYSENE UG/KG	390UYJ	1200YJ	360UY	370UY	370UY
DI-N-BUTYL PHTHALATE UG/KG	590YJ	460YJ	360UY	370UY	370UY
DI-N-OCTYL PHTHALATE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
DIBENZO(A,H)ANTHRACENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
DIBENZOFURAN UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
DIETHYL PHTHALATE UG/KG	400YJ	380UYJ	360UY	370UY	370UY
DIMETHYL PHTHALATE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
FLUORANTHENE UG/KG	390UYJ	1800YJ	360UY	370UY	370UY
FLUORENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
HEXACHLOROBENZENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
HEXACHLOROBUTADIENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
HEXACHLOROCYCLOPENTADIENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
HEXACHLOROETHANE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
INDENO(1,2,3-CD)PYRENE UG/KG	390UYJ	970YJ	360UY	370UY	370UY
ISOPHORONE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID: C27-01	C27-01	C28-01	C28-01	C28-01
	SUB-SAMPLE ID: B	C	A	B	C
	STATION ID: C27	C27	C28	C28	C28
	SAMPLE DATE: 02/25/1992	02/25/1992	02/20/1992	02/20/1992	02/20/1992
	SAMPLE TIME:				
	SAMPLE MATRIX: SB	SB	SB	SB	SB
	UPPER DEPTH: 4.00	6.00	3.00	5.00	7.00
	LOWER DEPTH: 6.00	8.00	5.00	7.00	9.00
N-NITROSODIPROPYLAMINE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
N-NITROSODIPHENYLAMINE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
NAPHTHALENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
NITROBENZENE UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
PENTACHLOROPHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
PHENANTHRENE UG/KG	1900UYJ	58DYJ	1700UY	1800UY	1800UY
PHENOL UG/KG	390UYJ	380UYJ	360UY	370UY	370UY
PYRENE UG/KG	390UYJ	160DYJ	360UY	370UY	43DYJ
a-PINENE UG/KG	390UYJ	380UYJ	360UY	370UYJ	370UY
d-LIMONENE UG/KG	390UYJ	380UYJ	360UYJ	370UYJ	370UYJ

NNN// XXABCCDD POSITIONALLY N=VALUE, (/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C29-01	C29-01	C29-01	C29-01D	C30-01
	SUB-SAMPLE ID:	A	B	C	DUP	A
	STATION ID:	C29	C29	C29	C29	C30
	SAMPLE DATE:	04/01/1992	04/01/1992	04/01/1992	04/01/1992	02/21/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	1.00	5.00	7.00	5.00	1.00
	LOWER DEPTH:	3.00	7.00	9.00	7.00	3.00
1,2,4-TRICHLOROBENZENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
1,2-DICHLOROBENZENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
1,2-DIPHENYLHYDRAZINE						
1,3-DICHLOROBENZENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
1,4-DICHLOROBENZENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2,4,5-TRICHLOROPHENOL	UG/KG	2300UY	1800UY	1900UY	1800UY	1800UYJ
2,4,6-TRICHLOROPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2,4-DICHLOROPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2,4-DIMETHYLPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2,4-DINITROPHENOL	UG/KG	2300UY	1800UY	1900UY	1800UY	1800UYJ
2,4-DINITROTOLUENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2,6-DINITROTOLUENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2-CHLORONAPHTHALENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2-CHLOROPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2-METHYLNAPHTHALENE	UG/KG	590YJ	370UY	380UY	370UY	360UYJ
2-METHYLPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
2-NITROANILINE	UG/KG	2300UY	1800UY	1900UY	1800UY	1800UYJ
2-NITROPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
3,3'-DICHLOROBENZIDINE	UG/KG	940UY	750UY	770UY	750UYJ	730UYJ
3-NITROANILINE	UG/KG	2300UY	1800UY	1900UY	1800UY	360UYJ
4,6-DINITRO-2-METHYLPHENOL	UG/KG	2300UY	1800UY	1900UY	1800UY	1800UYJ
4-BROMOPHENYL PHENYL ETHER	UG/KG	470UY	370UY	380UY	370UY	360UYJ
4-CHLORO-3-METHYLPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
4-CHLOROANILINE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
4-CHLOROPHENYL PHENYL ETHER	UG/KG	470UY	370UY	380UY	370UY	360UYJ
4-METHYLPHENOL	UG/KG	470UY	370UY	380UY	370UY	360UYJ
4-NITROANILINE	UG/KG	2300UY	1800UY	1900UY	1800UY	1800UYJ
4-NITROPHENOL	UG/KG	2300UY	1800UY	1900UY	1800UY	1800UYJ
ACENAPHTHENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ
ACENAPHTHYLENE	UG/KG	470UY	370UY	380UY	370UY	360UYJ

NNN+/- XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, B=detected, J=estimated, R=unusable, N= evidence of presence of material
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C29-01	C29-01	C29-01	C29-010	C30-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C29	C29	C29	C29	C30
SAMPLE DATE:	04/01/1992	04/01/1992	04/01/1992	04/01/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	5.00	7.00	5.00	1.00
LOWER DEPTH:	3.00	7.00	9.00	7.00	3.00
ANTHRACENE UG/KG	470UY	370UY	380UY	370UY	360UYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	160DYJ	370UY	380UY	370UY	360UYJ
BENZO(A)PYRENE UG/KG	160DYJ	370UY	380UY	370UYJ	360UYJ
BENZO(B)FLUORANTHENE UG/KG	340DYJ	370UY	380UY	370UYJ	360UYJ
BENZO(GHI)PERYLENE UG/KG	140DYJ	370UY	380UY	370UYJ	360UYJ
BENZO(K)FLUORANTHENE UG/KG	470UY	370UY	380UY	370UYJ	360UYJ
BENZOIC ACID UG/KG	2300UY	1800UY	1900UY	1800UY	1800UYJ
BENZYL ALCOHOL UG/KG	470UY	370UY	380UY	370UY	360UYJ
BENZYL BUTYL PHTHALATE UG/KG	470UY	370UY	380UY	820UYJ	360UYJ
BIS(2-CHLOROETHYL) METHANE UG/KG	470UY	370UY	380UY	370UY	360UYJ
BIS(2-CHLOROETHYL) ETHER UG/KG	470UY	370UY	380UY	370UY	360UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	470UY	370UY	380UY	370UY	360UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	470UY	370UY	380UY	850UYJ	360UYJ
CAFFEINE UG/KG	700DYJ	370UY	380UY	370UY	360UYJ
CHRYSENE UG/KG	220DYJ	370UY	380UY	370UYJ	360UYJ
DI-N-BUTYL PHTHALATE UG/KG	470UY	370UY	380UY	370UY	360UYJ
DI-N-OCTYL PHTHALATE UG/KG	470UY	370UY	380UY	370UYJ	360UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	56DYJ	370UY	380UY	370UYJ	360UYJ
DIBENZOFURAN UG/KG	470UY	370UY	380UY	370UY	360UYJ
DIETHYL PHTHALATE UG/KG	470UY	370UY	380UY	370UY	360UYJ
DIMETHYL PHTHALATE UG/KG	470UY	370UY	380UY	370UY	360UYJ
FLUORANTHENE UG/KG	550DY	370UY	380UY	370UY	360UYJ
FLUORENE UG/KG	470UY	370UY	380UY	370UY	360UYJ
HEXACHLOROBENZENE UG/KG	470UY	370UY	380UY	370UY	360UYJ
HEXACHLOROBUTADIENE UG/KG	470UY	370UY	380UY	370UY	360UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	470UY	370UY	380UY	370UY	360UYJ
HEXACHLOROETHANE UG/KG	470UY	370UY	380UY	370UY	360UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	130DYJ	370UY	380UY	370UYJ	360UYJ
ISOPHORONE UG/KG	470UY	370UY	380UY	370UY	360UYJ

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 IN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	C29-01	C29-01	C29-01	C29-01D	C30-01
SAMPLE ID:	A	A	C	DUP	A
SUB-SAMPLE ID:					
STATION ID:	C29	C29	C29	C29	C30
SAMPLE DATE:	04/01/1992	04/01/1992	04/01/1992	04/01/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	5.00	7.00	5.00	1.00
LOWER DEPTH:	3.00	7.00	9.00	7.00	3.00
N-NITROSODINPROPYLAMINE UG/KG	470UY	370UY	380UY	370UY	360UYJ
N-NITROSODIPHENYLAMINE UG/KG	470UY	370UY	380UY	370UY	360UYJ
1-APHTHALENE UG/KG	620YJ	370UY	380UY	370UY	360UYJ
NITROBENZENE UG/KG	470UY	370UY	380UY	370UY	360UYJ
PENTACHLOROPHENOL UG/KG	2300UY	1800UY	1900UY	1800UY	360UYJ
PHENANTHRENE UG/KG	320DYJ	370UY	380UY	370UY	1800UYJ
PHENOL UG/KG	800DY	370UY	380UY	370UY	360UYJ
PYRENE UG/KG	280DYJ	370UY	380UY	370UYJ	360UYJ
a-PINENE UG/KG	470UYJ	370UYJ	380UY	370UYJ	360UYJ
d-LIMONENE UG/KG	470UYJ	370UYJ	380UY	370UYJ	360UYJ

NNN+/ XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C31-01	C31-01	C31-01	C32-01	C32-01
	SUB-SAMPLE ID:	A	B	C	A	B
	STATION ID:	C31	C31	C31	C32	C32
	SAMPLE DATE:	02/25/1992	02/25/1992	02/25/1992	02/21/1992	02/21/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	2.00	4.00	6.00	1.00	3.00
	LOWER DEPTH:	4.00	6.00	8.00	3.00	5.00
1,2,4-TRICHLOROBENZENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
1,2-DICHLOROBENZENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
1,2-DIPHENYLHYDRAZINE	UG/KG				370UY	
1,3-DICHLOROBENZENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
1,4-DICHLOROBENZENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2,4,5-TRICHLOROPHENOL	UG/KG	1800UYJ	1800UYJ	1800UYJ	1800UY	1700UYJ
2,4,6-TRICHLOROPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2,4-DICHLOROPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2,4-DIMETHYLPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2,4-DINITROPHENOL	UG/KG	1800UYJ	1800UYJ	1800UYJ	1800UY	1700UYJ
2,4-DINITROTOLUENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2,6-DINITROTOLUENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2-CHLORONAPHTHALENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2-CHLOROPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2-METHYLNAPHTHALENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2-METHYLPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
2-NITROANILINE	UG/KG	1800UYJ	1800UYJ	1800UYJ	1800UY	1700UYJ
2-NITROPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
3,3'-DICHLOROBENZIDINE	UG/KG	740UYJ	740UYJ	760UYJ	740UY	720UYJ
3-NITROANILINE	UG/KG	370UYJ	370UYJ	380UYJ	1800UY	360UYJ
4,6-DINITRO-2-METHYLPHENOL	UG/KG	1800UYJ	1800UYJ	1800UYJ	1800UY	1700UYJ
4-BROMOPHENYL PHENYL ETHER	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
4-CHLORO-3-METHYLPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
4-CHLOROANILINE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
4-CHLOROPHENYL PHENYL ETHER	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
4-METHYLPHENOL	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
4-NITROANILINE	UG/KG	1800UYJ	1800UYJ	1800UYJ	1800UY	1700UYJ
4-NITROPHENOL	UG/KG	1800UYJ	1800UYJ	1800UYJ	1800UY	1700UYJ
ACENAPHTHENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
ACENAPHTHYLENE	UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ

NN=, XXABCCDD POSITIONALLY N=VALUE (// XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C31-01	C31-01	C31-01	C32-01	C32-01
	SUB-SAMPLE ID:	A	B	C	A	B
	STATION ID:	C31	C31	C31	C32	C32
	SAMPLE DATE:	02/25/1992	02/25/1992	02/25/1992	02/21/1992	02/21/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	2.00	4.00	6.00	1.00	3.00
	LOWER DEPTH:	4.00	6.00	8.00	3.00	5.00
	ANTHRACENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BENZO (B&K) FLUORANTHENE					
	BENZO(A)ANTHRACENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BENZO(A)PYRENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BENZO(B)FLUORANTHENE UG/KG	370UJ	370UJ	500YJ	370UJ	360UJ
	BENZO(GH)PERYLENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BENZO(K)FLUORANTHENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BENZOIC ACID UG/KG	1800UJ	1800UJ	1800UJ	1800UJ	1700UJ
	BENZYL ALCOHOL UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BENZYL BUTYL PHTHALATE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BIS(2-CHLOROETHOXY) METHANE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BIS(2-CHLOROETHYL)ETHER UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BIS(2-CHLOROISOPROPYL) ETHER UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	CAFFEINE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	CHRYSENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	DI-N-BUTYL PHTHALATE UG/KG	410YJ	370UJ	560YJ	620YJ	360UJ
	DI-N-OCTYL PHTHALATE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	DIBENZO(A,H)ANTHRACENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	DIBENZOFURAN UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	DIETHYL PHTHALATE UG/KG	370UJ	370UJ	380UJ	550YJ	360UJ
	DIMETHYL PHTHALATE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	FLUORANTHENE UG/KG	370UJ	370UJ	490YJ	370UJ	360UJ
	FLUORENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	HEXACHLOROBENZENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	HEXACHLOROBUTADIENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	HEXACHLOROCYCLOPENTADIENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	HEXACHLOROETHANE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	INDENO(1,2,3-CD)PYRENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ
	ISOPHORENE UG/KG	370UJ	370UJ	380UJ	370UJ	360UJ

NNN+/-XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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	C31-01	C31-01	C31-01	C32-01	C32-01
SAMPLE ID:	A	B	C	A	B
SUB-SAMPLE ID:					
STATION ID:	C31	C31	C31	C32	C32
SAMPLE DATE:	02/25/1992	02/25/1992	02/25/1992	02/21/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	1.00	3.00
LOWER DEPTH:	4.00	6.00	8.00	3.00	5.00
N-NITROSODIPROPYLAMINE UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
N-NITROSODIPHENYLAMINE UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
NAPHTHALENE UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
NITROBENZENE UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
PENTACHLOROPHENOL UG/KG	370UYJ	370UYJ	380UYJ	370UYJ	360UYJ
<hr/>					
PHENANTHRENE UG/KG	1800UYJ	1800UYJ	1800UYJ	370UY	360UYJ
PHENOL UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
PYRENE UG/KG	370UYJ	370UYJ	460UYJ	370UY	360UYJ
a-PINENE UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ
d-LIMONENE UG/KG	370UYJ	370UYJ	380UYJ	370UY	360UYJ

NK* = XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=ESTIMATED, D=UNUSABLE, *GS,
 U = less than detector limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material, E= evidence of absence of material,
 I = relatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C32-01	C32-01D	C33-01	C33-01	C33-01
SUB-SAMPLE ID:	C	DUP	A	B	C
STATION ID:	C32	C32	C33	C33	C33
SAMPLE DATE:	02/21/1992	02/21/1992	02/26/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	1.00	1.00	3.00	7.00
LOWER DEPTH:	7.00	3.00	3.00	5.00	9.00
1,2,4-TRICHLOROBENZENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
1,2-DICHLOROBENZENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
1,2-DIPHENYLHYDRAZINE UG/KG		370UY			
1,3-DICHLOROBENZENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
1,4-DICHLOROBENZENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2,4,5-TRICHLOROPHENOL UG/KG	1800UYJ	1800UY	1700UYJ	1900UYJ	1800UYJ
2,4,6-TRICHLOROPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2,4-DICHLOROPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2,4-DIMETHYLPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2,4-DINITROPHENOL UG/KG	1800UYJ	1800UY	1700UYJ	1900UYJ	1800UYJ
2,4-DINITROTOLUENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2,6-DINITROTOLUENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2-CHLORONAPHTHALENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2-CHLOROPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2-METHYLNAPHTHALENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2-METHYLPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
2-NITROANILINE UG/KG	1800UYJ	1800UY	1700UYJ	1900UYJ	1800UYJ
2-NITROPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
3,3'-DICHLOROBENZIDINE UG/KG	720UYJ	740UY	730UYJ	770UYJ	740UYJ
3-NITROANILINE UG/KG	360UYJ	1800UY	1700UYJ	390UYJ	370UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	1800UYJ	1800UY	1700UYJ	1900UYJ	1800UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
4-CHLOROANILINE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
4-METHYLPHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
4-NITROANILINE UG/KG	1800UYJ	1800UY	1700UYJ	1900UYJ	1800UYJ
4-NITROPHENOL UG/KG	1800UYJ	1800UY	1700UYJ	1900UYJ	1800UYJ
ACENAPHTHENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
ACENAPHTHYLENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ

NNN+/ XXABCCDD POSITIONALLY N-VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C32-01	C32-01D	C33-01	C33-01	C33-01
SUB-SAMPLE ID:	C	DUP	A	B	C
STATION ID:	C32	C32	C33	C33	C33
SAMPLE DATE:	02/21/1992	02/21/1992	02/26/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	1.00	1.00	3.00	7.00
LOWER DEPTH:	7.00	3.00	3.00	5.00	9.00
ANTHRACENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BENZO(A)PYRENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BENZO(B)FLUORANTHENE UG/KG	360UYJ	370UY	370UYJ	410YJ	370UYJ
BENZO(GHI)PERYLENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BENZO(K)FLUORANTHENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BENZOIC ACID UG/KG	1800UYJ	1800UY	1700UYJ	1900UYJ	1800UYJ
BENZYL ALCOHOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BENZYL BUTYL PHTHALATE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	360UYJ	370UY	1400DYJ	840DYJ	1400DYJ
CAFFEINE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
CHRYSENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
D1-N-BUTYL PHTHALATE UG/KG	360UYJ	100DYJ	50DYJ	390UYJ	49DYJ
D1-N-OCTYL PHTHALATE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
DIBENZOFURAN UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
DIETHYL PHTHALATE UG/KG	360UYJ	610YJ	370UYJ	390UYJ	370UYJ
DIMETHYL PHTHALATE UG/KG	360UYJ	370UY	370UYJ	390UY	370UYJ
FLUORANTHENE UG/KG	360UYJ	370UY	370UYJ	470YJ	370UYJ
FLUORENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
HEXACHLOROBENZENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
HEXACHLOROBUTADIENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
HEXACHLOROETHANE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
ISOPHTHALIC ACID UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ

NNN+/XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	C32-01	C32-010	C33-01	C33-01	C33-01
SAMPLE ID:	C32-01	C32-010	C33-01	C33-01	C33-01
SUB-SAMPLE ID:	C	DUP	A	B	C
STATION ID:	C32	C32	C33	C33	C33
SAMPLE DATE:	02/21/1992	02/21/1992	02/26/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	1.00	1.00	3.00	7.00
LOWER DEPTH:	7.00	3.00	3.00	5.00	9.00
N-NITROSODIPROPYLAMINE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
N-NITROSODIPHENYLAMINE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
NAPHTHALENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
NITROBENZENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
PENTACHLOROPHENOL UG/KG	360UYJ	370UYJ	370UYJ	390UYJ	370UYJ
PHENANTHRENE UG/KG	1800UYJ	370UY	1700UYJ	1900UYJ	1800UYJ
PHENOL UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
PYRENE UG/KG	360UYJ	370UY	370UYJ	600YJ	370UYJ
a-PINENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ
d-LIMONENE UG/KG	360UYJ	370UY	370UYJ	390UYJ	370UYJ

NNN+/-XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C34-01	C34-01	C34-01	C34-01D	C35-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C34	C34	C34	C34	C35
SAMPLE DATE:	02/24/1992	02/24/1992	02/24/1992	02/24/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	3.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	5.00
1,2,4-TRICHLOROBENZENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
1,2-DICHLOROBENZENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
1,4-DICHLOROBENZENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2,4,5-TRICHLOROPHENOL UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
2,4,6-TRICHLOROPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2,4-DICHLOROPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2,4-DIMETHYLPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2,4-DINITROPHENOL UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
2,4-DINITROTOLUENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2,6-DINITROTOLUENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2-CHLORONAPHTHALENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2-CHLOROPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2-METHYLNAPHTHALENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2-METHYLPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
2-NITROANILINE UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
2-NITROPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
3,3'-DICHLOROBENZIDINE UG/KG	900UYJ	730UYJ	760UYJ	900UYJ	730UY
3-NITROANILINE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
4-BROMOPHENYL PHENYL ETHER UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
4-CHLORO-3-METHYLPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
4-CHLOROANILINE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
4-METHYLPHENOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
4-NITROANILINE UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
4-NITROPHENOL UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
ACENAPHTHENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
ACENAPHTHYLENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C34-01	C34-01	C34-01	C34-01D	C35-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C34	C34	C34	C34	C35
SAMPLE DATE:	02/24/1992	02/24/1992	02/24/1992	02/24/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	3.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	5.00
ANTHRACENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BENZO(A)PYRENE UG/KG	460YJ	360UYJ	380UYJ	450UYJ	360UY
BENZO(B)FLUORANTHENE UG/KG	1030YJ	360UYJ	380UYJ	950YJ	360UY
BENZO(GH)PERYLENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BENZO(K)FLUORANTHENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BENZOIC ACID UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
BENZYL ALCOHOL UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BENZYL BUTYL PHTHALATE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BIS(2-CHLOROETHYL) ETHER UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
CAFFEINE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UYJ
CHRYSENE UG/KG	490YJ	360UYJ	380UYJ	460YJ	360UY
DI-N-BUTYL PHTHALATE UG/KG	480UYJ	550UYJ	750UYJ	450UYJ	360UY
DI-N-OCTYL PHTHALATE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
DIBENZO(A,H)ANTHRACENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
DIBENZO(FURAN) UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
DIETHYL PHTHALATE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
DIMETHYL PHTHALATE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
FLUORANTHENE UG/KG	650YJ	360UYJ	380UYJ	600YJ	360UY
FLUORENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
HEXACHLOROBENZENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
HEXACHLOROBUTADIENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
HEXACHLOROCYCLOPENTADIENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
HEXACHLOROETHANE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
INDENO(1,2,3-CD)PYRENE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
ISOPHORONE UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY

NNH+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C34-01	C34-01	C34-01	C34-01D	C35-01
	SUB-SAMPLE ID:	A	B	C	DUP	A
	STATION ID:	C34	C34	C34	C34	C35
	SAMPLE DATE:	02/24/1992	02/24/1992	02/24/1992	02/24/1992	02/19/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	1.00	3.00	5.00	1.00	3.00
	LOWER DEPTH:	3.00	5.00	7.00	3.00	5.00
N-NITROSODINPROPYLAMINE	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
N-NITROSODIPHENYLAMINE	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
NAPHTHALENE	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
NITROBENZENE	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
PENTACHLOROPHENOL	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
<hr/>						
PHENANTHRENE	UG/KG	2200UYJ	1800UYJ	1800UYJ	2200UYJ	1800UY
PHENOL	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
PYRENE	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
a-PINENE	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY
d-LIMONENE	UG/KG	450UYJ	360UYJ	380UYJ	450UYJ	360UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C35-01	C35-01	C36-01	C36-01	C36-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C35	C35	C36	C36	C36
SAMPLE DATE:	02/19/1992	02/19/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	7.00	0.00	2.00	4.00
LOWER DEPTH:	7.00	9.00	2.00	4.00	6.00
1,2,4-TRICHLOROBENZENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
1,2-DICHLOROBENZENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
1,4-DICHLOROBENZENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2,4,5-TRICHLOROPHENOL UG/KG	1700UY	1800UY	2000UYJ	1800UYJ	1800UYJ
2,4,6-TRICHLOROPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2,4-DICHLOROPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2,4-DIMETHYLPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2,4-DINITROPHENOL UG/KG	1700UY	1800UY	2000UYJ	1800UYJ	1800UYJ
2,4-DINITROTOLUENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2,6-DINITROTOLUENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2-CHLORONAPHTHALENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2-CHLOROPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2-METHYLNAPHTHALENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2-METHYLPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
2-NITROANILINE UG/KG	1700UY	1800UY	2000UYJ	1800UYJ	1800UYJ
2-NITROPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
3,3'-DICHLOROBENZIDINE UG/KG	720UY	730UY	840UYJ	740UYJ	750UYJ
3-NITROANILINE UG/KG	360UY	370UY	UYR	1800UYJ	UYR
4,6-DINITRO-2-METHYLPHENOL UG/KG	1700UY	1800UY	2000UYJ	1800UYJ	1800UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
4-CHLORDANILINE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
4-METHYLPHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
4-NITROANILINE UG/KG	1700UY	1800UY	2000UYJ	1800UYJ	1800UYJ
4-NITROPHENOL UG/KG	1700UY	1800UY	2000UYJ	1800UYJ	1800UYJ
ACENAPHTHENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
ACENAPHTHYLENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ

NNN+/ XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C35-01	C35-01	C36-01	C36-01	C36-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C35	C35	C36	C36	C36
SAMPLE DATE:	02/19/1992	02/19/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	7.00	0.00	2.00	4.00
LOWER DEPTH:	7.00	9.00	2.00	4.00	6.00
ANTHRACENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
BENZO (B&K) FLUORANTHENE UG/KG			230DYJ		
BENZO(A)ANTHRACENE UG/KG	360UY	370UY	630YJ	370UYJ	370UYJ
BENZO(A)PYRENE UG/KG	360UY	370UY	110DYJ	370UYJ	370UYJ
BENZO(B)FLUORANTHENE UG/KG	360UY	370UY		370UYJ	370UYJ
BENZO(GH)PERYLENE UG/KG	360UY	370UY	120DYJ	370UYJ	370UYJ
BENZO(K)FLUORANTHENE UG/KG	360UY	370UY	UYR	370UYJ	370UYJ
BENZOIC ACID UG/KG	1700UY	1800UY	2000UYJ	1800UYJ	1800UYJ
BENZYL ALCOHOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
BENZYL BUTYL PHTHALATE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
BIS(2-CHLOROPHOXY) METHANE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
BIS(2-CHLOROPHTHYL)ETHER UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
BIS(2-ETHYLHEXYL PHTHALATE UG/KG	360UY	370UY	680YJ	370UYJ	370UYJ
CAFFEINE UG/KG	360UYJ	370UYJ	440YJ	370UYJ	370UYJ
CHRYSENE UG/KG	360UY	370UY	110DYJ	370UYJ	370UYJ
DI-N-BUTYL PHTHALATE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
DI-N-OCTYL PHTHALATE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	360UY	370UY	62DYJ	370UYJ	370UYJ
DIBENZOFURAN UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
DIETHYL PHTHALATE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
DIMETHYL PHTHALATE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
FLUORANTHENE UG/KG	360UY	370UY	140DYJ	370UYJ	370UYJ
FLUORENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
HEXACHLOROBENZENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
HEXACHLOROBUTADIENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
HEXACHLOROETHANE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	360UY	370UY	94DYJ	370UYJ	370UYJ
ISOPHORONE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ

NNX+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	C35-01	C35-01	C36-01	C36-01	C36-01
SAMPLE ID:	B	C	A	B	C
SUB-SAMPLE ID:					
STATION ID:	C35	C35	C36	C36	C36
SAMPLE DATE:	02/19/1992	02/19/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	7.00	0.00	2.00	4.00
LOWER DEPTH:	7.00	9.00	2.00	4.00	6.00
N-NITROSODINPROPYLAMINE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
N-NITROSODIPHENYLAMINE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
NAPHTHALENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
NITROBENZENE UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
PENTACHLOROPHENOL UG/KG	360UY	370UY	2000UYJ	1800UYJ	1800UYJ
PHENANTHRENE UG/KG	1700UY	1800UY	70DYJ	370UYJ	370UYJ
PHENOL UG/KG	360UY	370UY	420UYJ	370UYJ	370UYJ
PYRENE UG/KG	360UY	370UY	130DYJ	370UYJ	370UYJ
a-PINENE UG/KG	360UYJ	370UY	420UYJ	370UYJ	370UYJ
d-LIMONENE UG/KG	360UYJ	370UYJ	420UYJ	370UYJ	370UYJ

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C37-01	C37-01	C37-01D	C38-01	C38-01
SUB-SAMPLE ID:	A	B	DUP	A	B
STATION ID:	C37	C37	C37	C38	C38
SAMPLE DATE:	04/08/1992	04/08/1992	04/08/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	8.00	10.00
LOWER DEPTH:	2.00	4.00	2.00	10.00	12.00
1,2,4-TRICHLOROBENZENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
1,2-DICHLOROBENZENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
1,4-DICHLOROBENZENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2,4,5-TRICHLOROPHENOL UG/KG	1900UYJ	22000UYJ	1900UYJ	4800UY	5100UY
2,4,6-TRICHLOROPHENOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2,4-DICHLOROPHENOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2,4-DIMETHYLPHENOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2,4-DINITROPHENOL UG/KG	1900UYJ	22000UYJ	1900UYJ	4800UY	5100UY
2,4-DINITROTOLUENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2,6-DINITROTOLUENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2-CHLORONAPHTHALENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2-CHLOROPHENOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
2-METHYLNAPHTHALENE UG/KG	590YJ	710YJ	610YJ	980UY	1100UY
2-METHYLPHENOL UG/KG	400UYJ	4400UYJ	500YJ	980UY	1100UY
2-NITROANILINE UG/KG	1900UYJ	22000UYJ	1900UYJ	4800UY	5100UY
2-NITROPHENOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
3,3'-DICHLOROBENZIDINE UG/KG	800UYJ	8900UY	790UYJ	2000UY	2100UY
3-NITROANILINE UG/KG	UYR	22000UYJ	1900UYJ	980UY	1100UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	1900UYJ	22000UYJ	1900UYJ	4800UY	5100UY
4-BROMOPHENYL PHENYL ETHER UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
4-CHLORO-3-METHYLPHENOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
4-CHLOROANILINE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
4-METHYLPHENOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
4-NITROANILINE UG/KG	1900UYJ	22000UYJ	1900UYJ	4800UY	5100UY
4-NITROPHENOL UG/KG	1900UYJ	22000UYJ	1900UYJ	4800UY	5100UY
ACENAPHTHENE UG/KG	1600YJ	28000YJ	2000YJ	980UY	1100UY
ACENAPHTHYLENE UG/KG	2300YJ	7600YJ	1700YJ	980UY	1100UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C37-01	C37-01	C37-01D	C38-01	C38-01
SUB-SAMPLE ID:	A	B	DUP	A	B
STATION ID:	C37	C37	C37	C38	C38
SAMPLE DATE:	04/08/1992	04/08/1992	04/08/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	8.00	10.00
LOWER DEPTH:	2.00	4.00	2.00	10.00	12.00
ANTHRACENE UG/KG	330DYJ	3900DYJ	440DYJ	980UY	1100UY
BENZO (B&K) FLUORANTHENE UG/KG	1900DYJ	18000DYJ	2400DYJ		
BENZO(A)ANTHRACENE UG/KG	1080DYJ	12000DYJ	1300DYJ	980UY	1100UY
BENZO(A)PYRENE UG/KG	1100DYJ	12000DYJ	1400DYJ	980UY	1100UY
BENZO(B)FLUORANTHENE UG/KG				980UY	1100UY
BENZO(GHI)PERYLENE UG/KG	7000YJ	75000YJ	8300YJ	980UY	1100UY
BENZO(K)FLUORANTHENE UG/KG				980UY	1100UY
BENZOIC ACID UG/KG	1900UYJ	22000UYJ	1900UYJ	4800UY	5100UY
BENZYL ALCOHOL UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
BENZYL BUTYL PHTHALATE UG/KG	190DYJ	520DYJ	450DYJ	980UY	1100UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
BIS(2-CHLOROETHYL) ETHER UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	310DYJ	990DYJ	680DYJ	980UY	1100UY
CAFFEINE UG/KG	400UYJ	4400UYJ	390UYJ	980UYJ	1100UYJ
CHRYSENE UG/KG	1300DYJ	14000DYJ	1400DYJ	980UY	1100UY
DI-N BUTYL PHTHALATE UG/KG	74DYJ	4400UYJ	67DYJ	980UY	1100UY
DI-N-OCTYL PHTHALATE UG/KG	400UYJ	4400UYJ	140DYJ	980UY	1100UY
DIBENZO(A,H)ANTHRACENE UG/KG	280DYJ	2600DYJ	330DYJ	980UY	1100UY
DIBENZOFURAN UG/KG	80DYJ	1300DYJ	110DYJ	980UY	1100UY
DIETHYL PHTHALATE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
DIMETHYL PHTHALATE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
FLUORANTHENE UG/KG	2300DYJ	28000DYJ	2800DYJ	980UY	1100UY
FLUORENE UG/KG	240DYJ	4000DYJ	270DYJ	980UY	1100UY
HEXACHLOROBENZENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
HEXACHLOROBUTADIENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
HEXACHLOROCYCLOPENTADIENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
HEXACHLOROETHANE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
INDENO(1,2,3-CD)PYRENE UG/KG	670DYJ	6700DYJ	780DYJ	980UY	1100UY
ISOPHORONE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORING
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C37-01	C37-01	C37-01D	C38-01	C38-01
SUB-SAMPLE ID:	A	B	DUP	A	B
STATION ID:	C37	C37	C37	C38	C38
SAMPLE DATE:	04/08/1992	04/08/1992	04/08/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	8.00	10.00
LOWER DEPTH:	2.00	4.00	2.00	10.00	12.00
N-NITROSODIPROPYLAMINE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
N-NITROSODIPHENYLAMINE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
NAPHTHALENE UG/KG	500UYJ	710UYJ	630UYJ	980UY	1100UY
NITROBENZENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
PENTACHLOROPHENOL UG/KG	1900UYJ	22000UYJ	1900UYJ	980UY	1100UY
PHENANTHRENE UG/KG	1700DYJ	25000DYJ	2000DYJ	4800UY	5100UY
PHENOL UG/KG	2200DYJ	500DYJ	1900DYJ	980UY	1100UY
PYRENE UG/KG	2600DYJ	34000DYJ	3000DYJ	980UY	1100UY
a-PINENE UG/KG	400UYJ	4400UYJ	390UYJ	980UY	1100UY
d-LIMONENE UG/KG	400UYJ	4400UYJ	390UYJ	980UYJ	1100UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C38-01	C39-01	C39-01	C39-01	C39-01D
SUB-SAMPLE ID:	C	A	B	C	DUP
STATION ID:	C38	C39	C39	C39	C39
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	12.00	0.00	4.00	6.00	6.00
LOWER DEPTH:	14.00	2.00	6.00	8.00	8.00
1,2,4-TRICHLOROBENZENE UG/KG	380UY	370UY	370UY	370UY	420UY
1,2-DICHLOROBENZENE UG/KG	380UY	370UY	370UY	370UY	420UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/KG	380UY	370UY	370UY	370UY	420UY
1,4-DICHLOROBENZENE UG/KG	380UY	370UY	370UY	370UY	420UY
2,4,5-TRICHLOROPHENOL UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
2,4,6-TRICHLOROPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
2,4-DICHLOROPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
2,4-DIMETHYLPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
2,4-DINITROPHENOL UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
2,4-DINITROTOLUENE UG/KG	380UY	370UY	370UY	370UY	420UY
2,6-DINITROTOLUENE UG/KG	380UY	370UY	370UY	370UY	420UY
2-CHLOROPHTHALENE UG/KG	380UY	370UY	370UY	370UY	420UY
2-CHLOROPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
2-METHYLNAPHTHALENE UG/KG	380UY	370UY	370UY	370UY	420UY
2-METHYLPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
2-NITROANILINE UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
2-NITROPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
3,3'-DICHLOROBENZIDINE UG/KG	760UY	730UY	740UY	740UY	860UY
3-NITROANILINE UG/KG	380UY	370UY	370UY	370UY J	420UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
4-BROMOPHENYL PHENYL ETHER UG/KG	380UY	370UY	370UY	370UY	420UY
4-CHLORO-3-METHYLPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
4-CHLOROANILINE UG/KG	380UY	370UY	370UY	370UY	420UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	380UY	370UY	370UY	370UY	420UY
4-METHYLPHENOL UG/KG	380UY	370UY	370UY	370UY	420UY
4-NITROANILINE UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
4-NITROPHENOL UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
ACENAPHTHENE UG/KG	380UY	370UY	370UY	370UY	420UY
ACENAPHTHYLENE UG/KG	380UY	370UY	370UY	370UY	420UY

NNN- / XXARCCDD POSITIONALLY N VALUE, (- / XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C38-01	C39-01	C39-01	C39-01	C39-01D
SUB-SAMPLE ID:	C	A	B	C	DUP
STATION ID:	C38	C39	C39	C39	C39
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	12.00	0.00	4.00	6.00	6.00
LOWER DEPTH:	14.00	2.00	6.00	8.00	8.00
ANTHRACENE UG/KG	380UY	370UY	370UY	370UY	420UY
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	380UY	370UY	370UY	370UY	420UY
BENZO(A)PYRENE UG/KG	380UY	370UY	370UY	370UY	420UY
BENZO(B)FLUORANTHENE UG/KG	380UY	380YJ	370UY	370UY	420UY
BENZO(GHI)PERYLENE UG/KG	380UY	370UY	370UY	370UY	420UY
BENZO(K)FLUORANTHENE UG/KG	380UY	370UY	370UY	370UY	420UY
BENZOIC ACID UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
BENZYL ALCOHOL UG/KG	380UY	370UY	370UY	370UY	420UY
BENZYL BUTYL PHTHALATE UG/KG	380UY	370UY	630YJ	370UY	420UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	380UY	370UY	370UY	370UY	420UY
BIS(2-CHLOROETHYL)ETHER UG/KG	380UY	370UY	370UY	370UY	420UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	380UY	370UY	370UY	370UYJ	420UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	380UY	370UY	640UY	370UY	420UY
CAFFEINE UG/KG	380UYJ	370UYJ	370UYJ	370UYJ	420UYJ
CHRYSENE UG/KG	380UY	370UY	370UY	370UY	420UY
DI-N-BUTYL PHTHALATE UG/KG	380UY	370UY	370UY	370UY	420UY
DI-N-OCTYL PHTHALATE UG/KG	380UY	370UY	370UY	370UY	590YJ
DIBENZO(A,H)ANTHRACENE UG/KG	380UY	370UY	370UY	370UY	420UY
DIBENZOFURAN UG/KG	380UY	370UY	370UY	370UY	420UY
DIETHYL PHTHALATE UG/KG	380UY	370UY	370UY	370UY	420UY
DIMETHYL PHTHALATE UG/KG	380UY	370UY	370UY	370UY	420UY
FLUORANTHENE UG/KG	380UY	510YJ	370UY	370UY	420UY
FLUORENE UG/KG	380UY	370UY	370UY	370UY	420UY
HEXACHLOROBENZENE UG/KG	380UY	370UY	370UY	370UY	420UY
HEXACHLOROBUTADIENE UG/KG	380UY	370UY	370UY	370UY	420UY
HEXACHLOROCYCLOPENTADIENE UG/KG	380UY	370UY	370UY	370UY	420UY
HEXACHLOROETHANE UG/KG	380UY	370UY	370UY	370UY	420UY
INDENO(1,2,3-CD)PYRENE UG/KG	380UY	370UY	370UY	370UY	420UY
ISOPHORONE UG/KG	380UY	370UY	370UY	370UY	420UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C38-01	C39-01	C39-01	C39-01	C39-01D
	SUB-SAMPLE ID:	C	A	B	C	DUP
	STATION ID:	C38	C39	C39	C39	C39
	SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	02/18/1992	02/18/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	12.00	0.00	4.00	6.00	6.00
	LOWER DEPTH:	14.00	2.00	6.00	8.00	8.00
N-NITROSODI-N-PROPYLAMINE	UG/KG	380UY	370UY	370UY	370UY	420UY
N-NITROSODI-PHENYLAMINE	UG/KG	380UY	370UY	370UY	370UY	420UY
NAPHTHALENE	UG/KG	380UY	370UY	370UY	370UY	420UY
NITROBENZENE	UG/KG	380UY	370UY	370UY	370UY	420UY
PENTACHLOROPHENOL	UG/KG	380UY	370UY	370UY	370UY	420UY
<hr/>						
PHENANTHRENE	UG/KG	1800UY	1800UY	1800UY	1800UY	2000UY
PHENOL	UG/KG	380UY	370UY	370UY	370UY	420UY
PYRENE	UG/KG	380UY	520YJ	370UY	370UY	420UY
a-PINENE	UG/KG	380UYJ	370UYJ	370UYJ	370UYJ	420UYJ
d-LIMONENE	UG/KG	380UYJ	370UYJ	370UYJ	370UYJ	420UYJ
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NNN+/ XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C40-01	C40-01	C40-01	C41-01	C41-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C40	C40	C40	C41	C41
SAMPLE DATE:	02/13/1992	02/13/1992	02/13/1992	02/12/1992	02/12/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	0.00	4.00
LOWER DEPTH:	4.00	6.00	8.00	2.00	6.00
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1,2,4-TRICHLOROBENZENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
1,2-DICHLOROBENZENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
1,2-DIPHENYLHYDRAZINE UG/KG	370UY	370UY	370UY		3900UY
1,3-DICHLOROBENZENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
1,4-DICHLOROBENZENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
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2,4,5-TRICHLOROPHENOL UG/KG	1800UY	1800UY	1800UY	4000UYJ	19000UY
2,4,6-TRICHLOROPHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2,4-DICHLOROPHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2,4-DIMETHYLPHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2,4-DINITROPHENOL UG/KG	1800UY	1800UY	1800UY	4000UYJ	19000UY
<hr/>					
2,4-DINITROTOLUENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2,6-DINITROTOLUENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2-CHLORONAPHTHALENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2-CHLOROPHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2-METHYLNAPHTHALENE UG/KG	370UY	370UY	370UY	110DYJ	3900UY
<hr/>					
2-METHYLPHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
2-NITROANILINE UG/KG	1800UY	1800UY	1800UY	4000UYJ	19000UY
2-NITROPHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
3,3'-DICHLOROBENZIDINE UG/KG	740UY	740UY	740UY	1600UYJ	7800UY
3-NITROANILINE UG/KG	1800UY	1800UY	1800UY	820UYJ	19000UY
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4,6-DINITRO-2-METHYLPHENOL UG/KG	1800UY	1800UY	1800UY	4000UYJ	19000UY
4-BROMOPHENYL PHENYL ETHER UG/KG	370UY	370UY	370UY	820UYJ	3900UY
4-CHLORO-2-METHYLPHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
4-CHLOROANILINE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	370UY	370UY	370UY	820UYJ	3900UY
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4-METHYLPHENOL UG/KG	370UY	370UY	370UY	600DYJ	3900UY
4-NITROANILINE UG/KG	1800UY	1800UY	1800UY	4000UYJ	19000UY
4-NITROPHENOL UG/KG	1800UY	1800UY	1800UY	4000UYJ	19000UY
ACENAPHTHENE UG/KG	370UY	370UY	370UY	190DYJ	3900UY
ACENAPHTHYLENE UG/KG	370UY	370UY	370UY	160DYJ	3900UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
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SAMPLE ID:	C40-01	C40-01	C40-01	C41-01	C41-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C40	C40	C40	C41	C41
SAMPLE DATE:	02/13/1992	02/13/1992	02/13/1992	02/12/1992	02/12/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	0.00	4.00
LOWER DEPTH:	4.00	6.00	8.00	2.00	6.00
ANTHRACENE UG/KG	370UY	370UY	370UY	5000YJ	3900UY
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	370UY	370UY	370UY	8900YJ	3900UY
BENZO(A)PYRENE UG/KG	370UY	370UY	370UY	13000YJ	3900UY
BENZO(B)FLUORANTHENE UG/KG	370UY	370UY	370UY	24000YJ	3900UY
BENZO(GHI)PERYLENE UG/KG	370UY	370UY	370UY		3900UY
BENZO(K)FLUORANTHENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
BENZOIC ACID UG/KG	1800UY	1800UY	1800UY	4000UYJ	19000UY
BENZYL ALCOHOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
BENZYL BUTYL PHTHALATE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
BIS(2-CHLOROETHYL) ETHER UG/KG	370UY	370UY	370UY	820UYJ	3900UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	370UY	370UY	370UY	820UYJ	3900UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	370UY	370UY	480YJ	1200YJ	3900UY
CAFFEINE UG/KG	370UY	370UY	370UY	4000YJ	3900UY
CHRYSENE UG/KG	370UY	370UY	370UY	10300YJ	3900UY
DI-N-BUTYL PHTHALATE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
DI-N-OCTYL PHTHALATE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
DIBENZO(A,H)ANTHRACENE UG/KG	370UY	370UY	370UY		3900UY
DIBENZO(FURAN) UG/KG	370UY	370UY	370UY	1500YJ	3900UY
DIETHYL PHTHALATE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
DIMETHYL PHTHALATE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
FLUORANTHENE UG/KG	370UY	370UY	370UY	18000YJ	3900UY
FLUORENE UG/KG	370UY	370UY	370UY	2400YJ	3900UY
HEXACHLOROBENZENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
HEXACHLOROBUTADIENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
HEXACHLOROCYCLOPENTADIENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
HEXACHLOROETHANE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
INDENO(1,2,3-CD)PYRENE UG/KG	370UY	370UY	370UY	8100YJ	3900UY
ISOPHORONE UG/KG	370UY	370UY	370UY	820UYJ	3900UY

NNN+/ XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C40-01	C40-01	C40-01	C41-01	C41-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C40	C40	C40	C41	C41
SAMPLE DATE:	02/13/1992	02/13/1992	02/13/1992	02/12/1992	02/12/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	0.00	4.00
LOWER DEPTH:	4.00	6.00	8.00	2.00	6.00
N-NITROSODIPROPYLAMINE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
N-NITROSODIPHENYLAMINE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
NAPHTHALENE UG/KG	370UY	370UY	370UY	1020YJ	3900UY
NITROBENZENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
PENTACHLOROPHENOL UG/KG	1800UY	1800UY	1800UY	2200YJ	19000UY
PHENANTHRENE UG/KG	370UY	370UY	370UY	1500YJ	3900UY
PHENOL UG/KG	370UY	370UY	370UY	820UYJ	3900UY
PYRENE UG/KG	370UY	370UY	370UY	2200YJ	3900UY
α-PINENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY
d-LIMONENE UG/KG	370UY	370UY	370UY	820UYJ	3900UY

NNN+/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPHAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C41-01	C42-01	C42-01	C42-01	C43-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C41	C42	C42	C42	C43
SAMPLE DATE:	02/12/1992	02/19/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	4.00	6.00	10.00	3.00
LOWER DEPTH:	8.00	6.00	8.00	12.00	5.00
1,2,4-TRICHLOROBENZENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
1,2-DICHLOROBENZENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
1,2-DIPHENYLHYDRAZINE UG/KG	380UY				
1,3-DICHLOROBENZENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
1,4-DICHLOROBENZENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2,4,5-TRICHLOROPHENOL UG/KG	1900UY	2200UYJ	1900UYJ	1800UYJ	1800UYJ
2,4,6-TRICHLOROPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2,4-DICHLOROPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2,4-DIMETHYLPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2,4-DINITROPHENOL UG/KG	1900UY	2200UYJ	1900UYJ	1800UYJ	1800UYJ
2,4-DINITROTOLUENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2,6-DINITROTOLUENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2-CHLORONAPHTHALENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2-CHLOROPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2-METHYLNAPHTHALENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2-METHYLPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
2-NITROANILINE UG/KG	1900UY	2200UYJ	1900UYJ	1800UYJ	1800UYJ
2-NITROPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
3,3'-DICHLOROBENZIDINE UG/KG	770UY	910UYJ	770UYJ	760UYJ	740UYJ
3-NITROANILINE UG/KG	1900UY	450UYJ	390UYJ	380UYJ	370UYJ
4,6-DINITRO-2-METHYLPHENOL UG/KG	1900UY	2200UYJ	1900UYJ	1800UYJ	1800UYJ
4-BROMOPHENYL PHENYL ETHER UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
4-CHLORO-3-METHYLPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
4-CHLOROANILINE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
4-METHYLPHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
4-NITROANILINE UG/KG	1900UY	2200UYJ	1900UYJ	1800UYJ	1800UYJ
4-NITROPHENOL UG/KG	1900UY	2200UYJ	1900UYJ	1800UYJ	1800UYJ
ACENAPHTHENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
ACENAPHTHYLENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ

NNN+/- XXABCEDD POSITIONALLY N VALUE, +/- XX=ERROR FACTOR FOR RADIS (ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, P=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C41-01	C42-01	C42-01	C42-01	C43-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C41	C42	C42	C42	C43
SAMPLE DATE:	02/12/1992	02/19/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	4.00	6.00	10.00	3.00
LOWER DEPTH:	8.00	6.00	8.00	12.00	5.00
ANTHRACENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BENZO (B&K) FLUORANTHENE					
BENZO(A)ANTHRACENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BENZO(A)PYRENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	830YJ
BENZO(B)FLUORANTHENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	1400YJ
BENZO(GHI)PERYLENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	480YJ
BENZO(K)FLUORANTHENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BENZOIC ACID UG/KG	1900UY	2200UYJ	1900UYJ	1800UYJ	1800UYJ
BENZYL ALCOHOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BENZYL BUTYL PHTHALATE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BIS(2-CHLOROETHYL)ETHER UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	890YJ	450UYJ	390UYJ	380UYJ	370UYJ
CAFFEINE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
CHRYSENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	780YJ
DI-N-BUTYL PHTHALATE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
DI-N-OCTYL PHTHALATE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
DIBENZOFURAN UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
DIETHYL PHTHALATE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
DIMETHYL PHTHALATE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
FLUORANTHENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	1800YJ
FLUORENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
HEXACHLOROBENZENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
HEXACHLOROBUTADIENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
HEXACHLOROCYCLOPENTADIENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
HEXACHLOROETHANE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
INDENO(1,2,3-CD)PYRENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	520YJ
ISOPHORONE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified J=estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPHAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C41-01	C42-01	C42-01	C42-01	C43-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C41	C42	C42	C42	C43
SAMPLE DATE:	02/12/1992	02/19/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	4.00	6.00	10.00	3.00
LOWER DEPTH:	8.00	6.00	8.00	12.00	5.00
N-NITROSDIINPROPYLAMINE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
N-NITROSDIIPHENYLAMINE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
NAPHTHALENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
NITROBENZENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
PENTACHLOROPHENOL UG/KG	1900UY	450UYJ	390UYJ	380UYJ	370UYJ
PHENANTHRENE UG/KG	380UY	2200UYJ	1900UYJ	1800UYJ	560YJ
PHENOL UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
PYRENE UG/KG	380UY	920YJ	390UYJ	570YJ	2100YJ
a-PINENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UYJ
d LIMONENE UG/KG	380UY	450UYJ	390UYJ	380UYJ	370UY

NNN+/ XXABCCDD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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	SAMPLE ID:	C43-01	C43-01	C44-01	C44-01	C44-01
	SUB-SAMPLE ID:	B	C	A	B	C
	STATION ID:	C43	C43	C44	C44	C44
	SAMPLE DATE:	02/19/1992	02/19/1992	02/13/1992	02/13/1992	02/13/1992
	SAMPLE TIME:					
	SAMPLE MATRIX:	SB	SB	SB	SB	SB
	UPPER DEPTH:	7.00	11.00	4.00	6.00	8.00
	LOWER DEPTH:	9.00	13.00	6.00	8.00	10.00
1,2,4-TRICHLOROBENZENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
1,2-DICHLOROBENZENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
1,2-DIPHENYLHYDRAZINE	UG/KG			400UY	370UY	390UY
1,3-DICHLOROBENZENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
1,4-DICHLOROBENZENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2,4,5-TRICHLOROPHENOL	UG/KG	1800UYJ	1800UYJ	1900UY	1800UY	1900UY
2,4,6-TRICHLOROPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2,4-DICHLOROPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2,4-DIMETHYLPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2,4-DINITROPHENOL	UG/KG	1800UYJ	1800UYJ	1900UY	1800UY	1900UY
2,4-DINITROTOLUENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2,6-DINITROTOLUENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2-CHLORONAPHTHALENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2-CHLOROPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2-METHYLNAPHTHALENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2-METHYLPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
2-NITROANILINE	UG/KG	1800UYJ	1800UYJ	1900UY	1800UY	1900UY
2-NITROPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
3,3'-DICHLOROBENZIDINE	UG/KG	710UYJ	740UYJ	800UY	740UY	790UY
3-NITROANILINE	UG/KG	360UYJ	370UYJ	1900UY	1800UY	1900UY
4,6-DINITRO-2-METHYLPHENOL	UG/KG	1800UYJ	1800UYJ	1900UY	1800UY	1900UY
4-BROMOPHENYL PHENYL ETHER	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
4-CHLORO-3-METHYLPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
4-CHLOROANILINE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
4-CHLOROPHENYL PHENYL ETHER	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
4-METHYLPHENOL	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
4-NITROANILINE	UG/KG	1800UYJ	1800UYJ	1900UY	1800UY	1900UY
4-NITROPHENOL	UG/KG	1800UYJ	1800UYJ	1900UY	1800UY	1900UY
ACENAPHTHENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
ACENAPHTHYLENE	UG/KG	360UYJ	370UYJ	400UY	370UY	390UY

NNN+/ XXABCCDD POSITIONALLY N-VALUE, (+/ XX-ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPHEN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS
SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C43-01	C43-01	C44-01	C44-01	C44-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C43	C43	C44	C44	C44
SAMPLE DATE:	02/19/1992	02/19/1992	02/13/1992	02/13/1992	02/13/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	11.00	4.00	6.00	8.00
LOWER DEPTH:	9.00	13.00	6.00	8.00	10.00
ANTHRACENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZO (B&K) FLUORANTHENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZO(A)ANTHRACENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZO(A)PYRENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZO(B)FLUORANTHENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZO(GHI)PERYLENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZO(K)FLUORANTHENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZOIC ACID UG/KG	1800UYJ	1800UYJ	1900UY	1800UY	1900UY
BENZYL ALCOHOL UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BENZYL BUTYL PHTHALATE UG/KG	360UYJ	580YJ	400UY	370UY	390UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BIS(2-CHLOROTHYL)ETHER UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
CAFFEINE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
CHRYSENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
D1-N-BUTYL PHTHALATE UG/KG	360UYJ	370UYJ	400UY	370UYJ	390UY
D1-N-OCTYL PHTHALATE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
DIBENZO(A,H)ANTHRACENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
DIBENZOFURAN UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
DIETHYL PHTHALATE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
DIMETHYL PHTHALATE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
FLUORANTHENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
FLUORENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
HEXACHLOROBENZENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
HEXACHLOROBUTADIENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
HEXACHLOROCYCLOPENTADIENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
HEXACHLORODETHANE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
INDENO(1,2,3-CD)PYRENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
ISOPHORONE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY

NNN+/ XXABCC(DD POSITIONALLY N VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	C43-01	C43-01	C44-01	C44-01	C44-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C43	C43	C44	C44	C44
SAMPLE DATE:	02/19/1992	02/19/1992	02/13/1992	02/13/1992	02/13/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	11.00	4.00	6.00	8.00
LOWER DEPTH:	9.00	13.00	6.00	8.00	10.00
N-NITROSODIPROPYLAMINE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
N-NITROSODIPHENYLAMINE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
NAPHTHALENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
NITROBENZENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
PENTACHLOROPHENOL UG/KG	360UYJ	370UYJ	1900UY	1800UY	1900UY
PHENANTHRENE UG/KG	1800UYJ	1800UYJ	400UY	370UY	390UY
PHENOL UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
PYRENE UG/KG	360UYJ	760YJ	400UY	370UY	390UY
a-PINENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY
d-LIMONENE UG/KG	360UYJ	370UYJ	400UY	370UY	390UY

NNN-// XXABCCDD POSITIONALLY N-VALUE, (// XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, P=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

Pesticides and PCBs

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - SOIL BORINGS
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: PEST

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
DDD	4,4'-DDD	UG/KG	130	1	0.0077	710.000	710.000	710.000	0.000
DDE	4,4'-DDE	UG/KG	130	1	0.0077	38.000	38.000	38.000	0.000
DDT	4,4'-DDT	UG/KG	130	2	0.0154	59.000	190.000	124.500	65.500
ES1	ENDOSULFAN 1	UG/KG	130	1	0.0077	17.000	17.000	17.000	0.000

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SUB-SAMPLE ID:	A	A	A	B	DUP
STATION ID:	BM	BM2	BM3	BM3	BM3D
SAMPLE DATE:	02/25/1992	08/04/1992	08/04/1992	08/04/1992	08/04/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	0.00	1.00	3.00	1.00
LOWER DEPTH:	1.00	1.00	3.00	4.00	3.00
4,4'-DDD UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
4,4'-DDE UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
4,4'-DDT UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
ALDRIN UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
ALPHA-CHLORDANE UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
AROCLOR-1016 UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
AROCLOR-1221 UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
AROCLOR-1232 UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
AROCLOR-1242 UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
AROCLOR-1248 UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
AROCLOR-1254 UG/KG	300UYJ	220UY	310UY	440UYJ	300UY
AROCLOR-1260 UG/KG	300UYJ	220UY	310UY	440UYJ	300UY
BHC-ALPHA UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
BHC-BETA UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
BHC-DELTA UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
BHC-GAMMA(LINDANE) UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
DIELDRIN UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
ENDOSULFAN I UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
ENDOSULFAN II UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
ENDOSULFAN SULFATE UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
ENDRIN UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
ENDRIN KETONE UG/KG	30UYJ	22UY	31UY	44UYJ	30UY
GAMMA-CHLORDANE UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
HEPTACHLOR UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
HEPTACHLOR EPOXIDE UG/KG	15UYJ	11UY	15UY	22UYJ	15UY
METHOXYCHLOR UG/KG	150UYJ	110UY	150UY	220UYJ	150UY
TOXAPHENE UG/KG	300UYJ	220UY	310UY	440UYJ	300UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C01-01	C01-01	C01-01	C01-01D	C02-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C01	C01	C01	C01	C02
SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/30/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	0.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	2.00
4,4'-DDD UG/KG	93UYJ	8.3UY	8.4UY	200UYJ	18UYJ
4,4'-DDE UG/KG	93UYJ	3UY	3.1UY	200UYJ	18UYJ
4,4'-DDT UG/KG	93UYJ	9UY	9.1UY	200UYJ	18UYJ
ALDRIN UG/KG	UYR	3UY	3.1UY	UYR	9.2UYJ
ALPHA-CHLORDANE UG/KG	470UYJ	3.7UY	3.7UY	1000UYJ	92UYJ
AROCLOR-1016 UG/KG	470UYJ	36UY	36UY	1000UYJ	92UYJ
AROCLOR-1221 UG/KG	470UYJ	90UY	91UY	1000UYJ	92UYJ
AROCLOR-1232 UG/KG	470UYJ	90UY	91UY	1000UYJ	92UYJ
AROCLOR-1242 UG/KG	470UYJ	36UY	36UY	1000UYJ	92UYJ
AROCLOR-1248 UG/KG	470UYJ	18UY	18UY	1000UYJ	92UYJ
AROCLOR-1254 UG/KG	930UYJ	18UY	18UY	2000UYJ	180UYJ
AROCLOR-1260 UG/KG	930UYJ	18UY	18UY	2000UYJ	180UYJ
BHC-ALPHA UG/KG	47UYJ	2.2UY	2.3UY	100UYJ	9.2UYJ
BHC-BETA UG/KG	47UYJ	4.5UY	4.5UY	100UYJ	9.2UYJ
BHC-DELTA UG/KG	47UYJ	4.5UY	4.5UY	100UYJ	9.2UYJ
BHC-GAMMA(LINDANE) UG/KG	47UYJ	3UY	3.1UY	100UYJ	9.2UYJ
DIELDRIN UG/KG	93UYJ	1.5UY	1.5UY	200UYJ	18UYJ
ENDOSULFAN I UG/KG	47UYJ	4.5UY	4.5UY	100UYJ	9.2UYJ
ENDOSULFAN II UG/KG	93UYJ	3UY	3.1UY	200UYJ	18UYJ
ENDOSULFAN SULFATE UG/KG	93UYJ	9UY	9.1UY	200UYJ	18UYJ
ENDRIN UG/KG	93UYJ	4.5UY	4.5UY	200UYJ	18UYJ
ENDRIN KETONE UG/KG	93UYJ	9UY	9.1UY	200UYJ	18UYJ
GAMMA-CHLORDANE UG/KG	470UYJ	3.7UY	3.7UY	1000UYJ	92UYJ
HEPTACHLOR UG/KG	47UYJ	2.2UY	2.3UY	100UYJ	9.2UYJ
HEPTACHLOR EPOXIDE UG/KG	47UYJ	4.5UY	4.5UY	100UYJ	9.2UYJ
METHOXYCHLOR UG/KG	470UYJ	18UY	18UY	1000UYJ	92UYJ
TOXAPHENE UG/KG	930UYJ	75UY	76UY	2000UYJ	180UYJ

NNN*/ XXABCCDD POSITIONALLY N=VALUE, (/* XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UU = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C02-01	C03-01	C03-01	C04-01	C04-01
SUB-SAMPLE ID:	B	A	B	A	B
STATION ID:	C02	C03	C03	C04	C04
SAMPLE DATE:	04/08/1992	03/31/1992	03/31/1992	02/14/1992	02/14/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	0.00	2.00	3.00	5.00
LOWER DEPTH:	4.00	2.00	4.00	5.00	7.00
4,4'-DDD UG/KG	19UYJ	8.6UY	8.4UY	7.7UYJ	7.7UYJ
4,4'-DDE UG/KG	19UYJ	3.1UY	3.1UY	2.8UYJ	2.8UYJ
4,4'-DDT UG/KG	19UYJ	9.3UY	9.1UY	8.3UYJ	8.3UYJ
ALDRIN UG/KG	93UYJ	3.1UY	3.1UY	2.8UYJ	2.8UYJ
ALPHA-CHLORDANE UG/KG	930UYJ	3.8UY	3.7UY	3.4UYJ	3.4UYJ
AROCLOR-1016 UG/KG	930UYJ	37UY	36UY	33UYJ	33UYJ
AROCLOR-1221 UG/KG	930UYJ	93UY	91UY	83UYJ	83UYJ
AROCLOR-1232 UG/KG	930UYJ	93UY	91UY	83UYJ	83UYJ
AROCLOR-1242 UG/KG	930UYJ	37UY	36UY	33UYJ	33UYJ
AROCLOR-1248 UG/KG	930UYJ	19UY	18UY	17UYJ	17UYJ
AROCLOR-1254 UG/KG	190UYJ	19UY	18UY	17UYJ	17UYJ
AROCLOR-1260 UG/KG	190UYJ	19UY	18UY	17UYJ	17UYJ
BHC-ALPHA UG/KG	93UYJ	2.3UY	2.3UY	2.1UYJ	2.1UYJ
BHC-BETA UG/KG	93UYJ	4.7UY	4.5UY	4.2UYJ	4.2UYJ
BHC-DELTA UG/KG	93UYJ	4.7UY	4.5UY	4.2UYJ	4.2UYJ
BHC-GAMMA(LINDANE) UG/KG	93UYJ	3.1UY	3.1UY	2.8UYJ	2.8UYJ
DIELDRIN UG/KG	19UYJ	1.5UY	1.5UY	1.4UYJ	1.4UYJ
ENDOSULFAN I UG/KG	93UYJ	4.7UY	4.5UY	4.2UYJ	4.2UYJ
ENDOSULFAN II UG/KG	19UYJ	3.1UY	3.1UY	2.8UYJ	2.8UYJ
ENDOSULFAN SULFATE UG/KG	19UYJ	9.3UY	9.1UY	8.3UYJ	8.3UYJ
ENDRIN UG/KG	19UYJ	4.7UY	4.5UY	4.2UYJ	4.2UYJ
ENDRIN KETONE UG/KG	19UYJ	9.3UY	9.1UY	8.3UYJ	8.3UYJ
GAMMA-CHLORDANE UG/KG	930UYJ	3.8UY	3.7UY	3.4UYJ	3.4UYJ
HEPTACHLOR UG/KG	93UYJ	2.3UY	2.3UY	2.1UYJ	2.1UYJ
HEPTACHLOR EPOXIDE UG/KG	93UYJ	4.7UY	4.5UY	4.2UYJ	4.2UYJ
METHOXYCHLOR UG/KG	93UYJ	19UY	18UY	17UYJ	17UYJ
TOXAPHENE UG/KG	190UYJ	78UY	76UY	70UYJ	70UYJ

NNN*/-XXABCCDD POSITIONALLY N=VALUE, (* XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C04-01	C05-01	C05-01	C06-01	C07-01
SUB-SAMPLE ID:	C	A	B	A	A
STATION ID:	C04	C05	C05	C06	C07
SAMPLE DATE:	02/14/1992	02/12/1992	02/12/1992	04/08/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	9.00	2.00	4.00	2.00	4.00
4,4'-DDD UG/KG	7.8UYJ	8.5UY	8UY	190UYJ	240UYJ
4,4'-DDE UG/KG	2.8UYJ	3.1UY	2.9UY	190UYJ	240UYJ
4,4'-DDT UG/KG	8.4UYJ	9.2UY	8.7UY	190UYJ	240UYJ
ALDRIN UG/KG	2.8UYJ	3.1UY	2.9UY	94UYJ	120UYJ
ALPHA-CHLORDANE UG/KG	3.5UYJ	3.8UY	3.6UY	940UYJ	1200UYJ
AROCLOR-1016 UG/KG	34UYJ	37UY	35UY	940UYJ	1200UYJ
AROCLOR-1221 UG/KG	84UYJ	92UY	87UY	940UYJ	1200UYJ
AROCLOR-1232 UG/KG	84UYJ	92UY	87UY	940UYJ	1200UYJ
AROCLOR-1242 UG/KG	34UYJ	37UY	35UY	940UYJ	1200UYJ
AROCLOR-1248 UG/KG	17UYJ	18UY	17UY	940UYJ	1200UYJ
AROCLOR-1254 UG/KG	17UYJ	18UY	17UY	1900UYJ	2400UYJ
AROCLOR-1260 UG/KG	17UYJ	18UY	17UY	1900UYJ	2400UYJ
BHC-ALPHA UG/KG	2.1UYJ	2.3UY	2.2UY	94UYJ	120UYJ
BHC-BETA UG/KG	4.2UYJ	4.6UY	4.3UY	94UYJ	120UYJ
BHC-DELTA UG/KG	4.2UYJ	4.6UY	4.3UY	94UYJ	120UYJ
BHC-GAMMA(LINDANE) UG/KG	2.8UYJ	3.1UY	2.9UY	94UYJ	120UYJ
DIELDRIN UG/KG	1.4UYJ	1.5UY	1.4UY	190UYJ	240UYJ
ENDOSULFAN I UG/KG	4.2UYJ	4.6UY	4.3UY	94UYJ	120UYJ
ENDOSULFAN II UG/KG	2.8UYJ	3.1UY	2.9UY	190UYJ	240UYJ
ENDOSULFAN SULFATE UG/KG	8.4UYJ	9.2UY	8.7UY	190UYJ	240UYJ
ENDRIN UG/KG	4.2UYJ	4.6UY	4.3UY	190UYJ	240UYJ
ENDRIN KETONE UG/KG	8.4UYJ	9.2UY	8.7UY	190UYJ	240UYJ
GAMMA-CHLORDANE UG/KG	3.5UYJ	3.8UY	3.6UY	940UYJ	1200UYJ
HEPTACHLOR UG/KG	2.1UYJ	2.3UY	2.2UY	94UYJ	120UYJ
HEPTACHLOR EPOXIDE UG/KG	4.2UYJ	4.6UY	4.3UY	94UYJ	120UYJ
METHOXYCHLOR UG/KG	17UYJ	18UY	17UY	940UYJ	1200UYJ
TOXAPHENE UG/KG	71UYJ	77UY	73UY	1900UYJ	2400UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX-ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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	C07-01	C07-01	C07-01	C08-01	C08-01
SAMPLE ID:	B	C	D	A	B
SUB-SAMPLE ID:					
STATION ID:	C07	C07	C07	C08	C08
SAMPLE DATE:	03/31/1992	03/31/1992	03/31/1992	03/31/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	5.00	7.00	0.00	2.00
LOWER DEPTH:	5.00	7.00	8.00	2.00	4.00
4,4'-DDD UG/KG	220UYJ	18UYJ	8.8UY	200UYJ	180UYJ
4,4'-DDE UG/KG	220UYJ	18UYJ	3.2UY	200UYJ	180UYJ
4,4'-DDT UG/KG	220UYJ	18UYJ	9.5UY	200UYJ	180UYJ
ALDRIN UG/KG	110UYJ	9UYJ	3.2UY	99UYJ	92UYJ
ALPHA-CHLORDANE UG/KG	1100UYJ	90UYJ	3.9UY	990UYJ	920UYJ
AROCLOR-1016 UG/KG	1100UYJ	90UYJ	38UY	990UYJ	920UYJ
AROCLOR-1221 UG/KG	1100UYJ	90UYJ	95UY	990UYJ	920UYJ
AROCLOR-1232 UG/KG	1100U J	90UYJ	95UY	990UYJ	920UYJ
AROCLOR-1242 UG/KG	1100U J	90UYJ	38UY	990UYJ	920UYJ
AROCLOR-1248 UG/KG	1100UYJ	90UYJ	19UY	990UYJ	920UYJ
AROCLOR-1254 UG/KG	2200UYJ	180UYJ	19UY	2000UYJ	1800UYJ
AROCLOR-1260 UG/KG	2200UYJ	180UYJ	19UY	2000UYJ	1800UYJ
BHC-ALPHA UG/KG	110UYJ	9UYJ	2.4UY	99UYJ	92UYJ
BHC-BETA UG/KG	110UYJ	9UYJ	4.8UY	99UYJ	92UYJ
BHC-DELTA UG/KG	110UYJ	9UYJ	4.8UY	99UYJ	92UYJ
BHC-GAMMA(LINDANE) UG/KG	110UYJ	9UYJ	3.2UY	99UYJ	92UYJ
DIELDRIN UG/KG	220UYJ	18UYJ	1.5UY	200UYJ	180UYJ
ENDOSULFAN I UG/KG	110UYJ	9UYJ	4.8UY	99UYJ	92UYJ
ENDOSULFAN II UG/KG	220UYJ	18UYJ	3.2UY	200UYJ	180UYJ
ENDOSULFAN SULFATE UG/KG	220UYJ	18UYJ	9.5UY	200UYJ	180UYJ
ENDRIN UG/KG	220UYJ	18UYJ	4.8UY	200UYJ	180UYJ
ENDRIN KETONE UG/KG	220UYJ	18UYJ	9.5UY	200UYJ	180UYJ
GAMMA-CHLORDANE UG/KG	1100UYJ	90UYJ	3.9UY	990UYJ	920UYJ
HEPTACHLOR UG/KG	110UYJ	9UYJ	2.4UY	99UYJ	92UYJ
HEPTACHLOR EPOXIDE UG/KG	110UYJ	9UYJ	4.8UY	99UYJ	92UYJ
METHOXYCHLOR UG/KG	1100UYJ	90UYJ	19UY	990UYJ	920UYJ
TOXAPHENE UG/KG	2200UYJ	180UYJ	80UY	2000UYJ	1800UYJ

NNN*/ XXABCCDD POSITIONALLY N=VALUE, (/ XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
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 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C09-01	C09-01	C10-01	C10-01	C10-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C09	C09	C10	C10	C10
SAMPLE DATE:	04/03/1992	04/03/1992	04/03/1992	04/03/1992	04/03/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	4.00	2.00	4.00	6.00
LOWER DEPTH:	2.00	6.00	3.00	6.00	8.00
4,4'-DDD UG/KG	210UYJ	190UYJ	210UYJ	8.4UY	8.3UY
4,4'-DDE UG/KG	210UYJ	190UYJ	210UYJ	3.1UY	3UY
4,4'-DDT UG/KG	210UYJ	190UYJ	210UYJ	9.1UY	9UY
ALDRIN UG/KG	100UYJ	93UYJ	110UYJ	3.1UY	3UY
ALPHA-CHLORDANE UG/KG	1000UYJ	930UYJ	1100UYJ	3.7UY	3.7UY
AROCLOR-1016 UG/KG	1000UYJ	930UYJ	1100UYJ	36UY	36UY
AROCLOR-1221 UG/KG	1000UYJ	930UYJ	1100UYJ	91UY	90UY
AROCLOR-1232 UG/KG	1000UYJ	930UYJ	1100UYJ	91UY	90UY
AROCLOR-1242 UG/KG	1000UYJ	930UYJ	1100UYJ	36UY	36UY
AROCLOR-1248 UG/KG	1000UYJ	930UYJ	1100UYJ	18UY	18UY
AROCLOR-1254 UG/KG	2100UYJ	1900UYJ	2100UYJ	18UY	18UY
AROCLOR-1260 UG/KG	2100UYJ	1900UYJ	2100UYJ	18UY	18UY
BHC-ALPHA UG/KG	100UYJ	93UYJ	110UYJ	2.3UY	2.2UY
BHC-BETA UG/KG	100UYJ	93UYJ	110UYJ	4.5UY	4.5UY
BHC-DELTA UG/KG	100UYJ	93UYJ	110UYJ	4.5UY	4.5UY
BHC-GAMMA(LINDANE) UG/KG	100UYJ	93UYJ	110UYJ	3.1UY	3UY
DIELDRIN UG/KG	210UYJ	190UYJ	210UYJ	1.5UY	1.5UY
ENDOSULFAN I UG/KG	100UYJ	93UYJ	110UYJ	4.5UY	4.5UY
ENDOSULFAN II UG/KG	210UYJ	190UYJ	210UYJ	3.1UY	3UY
ENDOSULFAN SULFATE UG/KG	210UYJ	190UYJ	210UYJ	9.1UY	9UY
ENDRIN UG/KG	210UYJ	190UYJ	210UYJ	4.5UY	4.5UY
ENDRIN KETONE UG/KG	210UYJ	190UYJ	210UYJ	9.1UY	9UY
GAMMA-CHLORDANE UG/KG	1000UYJ	930UYJ	1100UYJ	3.7UY	3.7UY
HEPTACHLOR UG/KG	100UYJ	93UYJ	110UYJ	2.3UY	2.2UY
HEPTACHLOR EPOXIDE UG/KG	100UYJ	93UYJ	110UYJ	4.5UY	4.5UY
METHOXYCHLOR UG/KG	1000UYJ	930UYJ	1100UYJ	18UY	18UY
TOXAPHENE UG/KG	2100UYJ	1900UYJ	2100UYJ	76UY	75UY

NNN+/- XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
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 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C11-01	C11-01	C11-01	C11-010	C12-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C11	C11	C11	C11	C12
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	02/27/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	5.00	7.00	5.00	0.50
LOWER DEPTH:	5.00	7.00	9.00	7.00	2.50
4,4'-DDD UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	8UY
4,4'-DDE UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	2.9UY
4,4'-DDT UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	8.7UY
ALDRIN UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	2.9UY
ALPHA-CHLORDANE UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	3.6UY
AROCLOR-1016 UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	35UY
AROCLOR-1221 UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	87UY
AROCLOR-1232 UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	87UY
AROCLOR-1242 UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	35UY
AROCLOR-1248 UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	17UY
AROCLOR-1254 UG/KG	200UYJ	190UYJ	190UYJ	190UYJ	17UY
AROCLOR-1260 UG/KG	200UYJ	190UYJ	190UYJ	190UYJ	17UY
BHC-ALPHA UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	2.2UY
BHC-BETA UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	4.3UY
BHC-DELTA UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	4.3UY
BHC-GAMMA(LINDANE) UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	2.9UY
DIELDRIN UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	1.4UY
ENDOSULFAN I UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	4.3UY
ENDOSULFAN II UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	2.9UY
ENDOSULFAN SULFATE UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	8.7UY
ENDRIN UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	4.3UY
ENDRIN KETONE UG/KG	20UYJ	19UYJ	19UYJ	19UYJ	8.7UY
GAMMA-CHLORDANE UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	3.6UY
HEPTACHLOR UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	2.2UY
HEPTACHLOR EPOXIDE UG/KG	10UYJ	9.5UYJ	9.5UYJ	9.4UYJ	4.3UY
METHOXYCHLOR UG/KG	100UYJ	95UYJ	95UYJ	94UYJ	17UY
TOXAPHENE UG/KG	270UYJ	190UYJ	190UYJ	190UYJ	73UY

NNN+/- XXABLCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C12-01	C13-01	C13-01	C13-01	C14-01
SUB-SAMPLE ID:	8	A	B	C	A
STATION ID:	C12	C13	C13	C13	C14
SAMPLE DATE:	04/02/1992	03/30/1992	03/30/1992	03/30/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	1.00	3.00	5.00	2.00
LOWER DEPTH:	4.50	3.00	5.00	7.00	4.00
4,4'-DDD UG/KG	8UY	17UY	8.2UY	8UY	260UYJ
4,4'-DDE UG/KG	2.9UY	6.2UY	3UY	2.9UY	260UYJ
4,4'-DDT UG/KG	8.7UY	18UY	8.9UY	8.7UY	260UYJ
ALDRIN UG/KG	2.9UY	6.2UY	3UY	2.9UY	130UYJ
ALPHA-CHLORDANE UG/KG	3.6UY	7.4UY	7.4UY	3.6UY	1300UYJ
AROCLOR-1016 UG/KG	35UY	72UY	36UY	35UY	1300UYJ
AROCLOR-1221 UG/KG	87UY	180UY	89UY	87UY	1300UYJ
AROCLOR-1232 UG/KG	87UY	180UY	89UY	87UY	1300UYJ
AROCLOR-1242 UG/KG	35UY	72UY	36UY	35UY	1300UYJ
AROCLOR-1248 UG/KG	17UY	36UY	18UY	17UY	1300UYJ
AROCLOR-1254 UG/KG	17UY	36UY	18UY	17UY	2600UYJ
AROCLOR-1260 UG/KG	17UY	36UY	18UY	17UY	2600UYJ
BHC-ALPHA UG/KG	2.2UY	4.6UY	2.2UY	2.2UY	130UYJ
BHC-BETA UG/KG	4.3UY	9UY	4.4UY	4.3UY	130UYJ
BHC-DELTA UG/KG	4.3UY	9UY	4.4UY	4.3UY	130UYJ
BHC-GAMMA(LINDANE) UG/KG	2.9UY	6.2UY	3UY	2.9UY	130UYJ
DIELDRIN UG/KG	1.4UY	3UY	1.4UY	1.4UY	260UYJ
ENDOSULFAN I UG/KG	4.3UY	9UY	4.4UY	4.3UY	130UYJ
ENDOSULFAN II UG/KG	2.9UY	6.2UY	6UY	2.9UY	260UYJ
ENDOSULFAN SULFATE UG/KG	8.7UY	18UY	8.9UY	8.7UY	260UYJ
ENDRIN UG/KG	4.3UY	9UY	4.4UY	4.3UY	260UYJ
ENDRIN KETONE UG/KG	8.7UY	18UY	8.9UY	8.7UY	260UYJ
GAMMA-CHLORDANE UG/KG	3.6UY	7.4UY	3.7UY	3.6UY	1300UYJ
HEPTACHLOR UG/KG	2.2UY	4.6UY	2.2UY	2.2UY	130UYJ
HEPTACHLOR EPOXIDE UG/KG	4.3UY	9UY	4.4UY	4.3UY	130UYJ
METHOXYCHLOR UG/KG	17UY	36UY	18UY	17UY	1300UYJ
TOXAPHENE UG/KG	73UY	150UY	74UY	73UY	2600UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C14-01	C15-01	C15-01	C15-01	C16-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C14	C15	C15	C15	C16
SAMPLE DATE:	03/31/1992	02/26/1992	02/26/1992	02/26/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.00	3.00	5.00	1.50
LOWER DEPTH:	6.00	2.00	5.00	7.00	2.50
4,4'-DDD UG/KG	8.3UY	18UYJ	23UYJ	18UYJ	240UY
4,4'-DDE UG/KG	3UY	18UYJ	23UYJ	18UYJ	240UY
4,4'-DDT UG/KG	9UY	18UYJ	23UYJ	18UYJ	240UY
ALDRIN UG/KG	3UY	8.8UYJ	12UYJ	9.1UYJ	120UY
ALPHA-CHLORDANE UG/KG	3.7UY	88UYJ	117UYJ	91UYJ	1200UY
AROCLOR-1016 UG/KG	36UY	88UYJ	117UYJ	91UYJ	1200UY
AROCLOR-1221 UG/KG	90UY	88UYJ	117UYJ	91UYJ	1200UY
AROCLOR-1232 UG/KG	90UY	88UYJ	117UYJ	91UYJ	1200UY
AROCLOR-1242 UG/KG	36UY	88UYJ	117UYJ	91UYJ	1200UY
AROCLOR-1248 UG/KG	18UY	88UYJ	117UYJ	91UYJ	1200UY
AROCLOR-1254 UG/KG	18UY	180UYJ	235UYJ	180UYJ	2400UY
AROCLOR-1260 UG/KG	18UY	180UYJ	235UYJ	180UYJ	2400UY
BHC-ALPHA UG/KG	2.2UY	8.8UYJ	12UYJ	9.1UYJ	120UY
BHC-BETA UG/KG	4.5UY	8.8UYJ	12UYJ	9.1UYJ	120UY
BHC-DELTA UG/KG	4.5UY	8.8UYJ	12UYJ	9.1UYJ	120UY
BHC-GAMMA(LINDANE) UG/KG	3UY	8.8UYJ	12UYJ	9.1UYJ	120UY
DIELDRIN UG/KG	1.5UY	18UYJ	23UYJ	18UYJ	240UY
ENDOSULFAN I UG/KG	4.5UY	8.8UYJ	12UYJ	9.1UYJ	120UY
ENDOSULFAN II UG/KG	3UY	18UYJ	23UYJ	18UYJ	240UY
ENDOSULFAN SULFATE UG/KG	9UY	18UYJ	23UYJ	18UYJ	240UY
ENDRIN UG/KG	4.5UY	18UYJ	23UYJ	18UYJ	240UY
ENDRIN KETONE UG/KG	9UY	18UYJ	23UYJ	18UYJ	240UY
GAMMA-CHLORDANE UG/KG	3.7UY	88UYJ	117UYJ	91UYJ	1200UY
HEPTACHLOR UG/KG	2.2UY	8.8UYJ	12UYJ	9.1UYJ	120UY
HEPTACHLOR EPOXIDE UG/KG	4.5UY	8.8UYJ	12UYJ	9.1UYJ	120UY
METHOXYCHLOR UG/KG	18UY	88UYJ	117UYJ	91UYJ	1200UY
TOXAPHENE UG/KG	75UY	180UYJ	235UYJ	180UYJ	2400UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C16-01	C16-01	C17-01	C17-01	C17-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C16	C16	C17	C17	C17
SAMPLE DATE:	04/01/1992	04/01/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.00	0.00	2.00	3.00
LOWER DEPTH:	4.00	5.50	2.00	3.00	4.00
4,4'-DDD UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
4,4'-DDE UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
4,4'-DDT UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
ALDRIN UG/KG	150UY	9.6UY	110UYJ	120UYJ	9.4UYJ
ALPHA-CHLORDANE UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
AROCLOR-1016 UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
AROCLOR-1221 UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
AROCLOR-1232 UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
AROCLOR-1242 UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
AROCLOR-1248 UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
AROCLOR-1254 UG/KG	3100UY	190UY	2300UYJ	2500UYJ	190UYJ
AROCLOR-1260 UG/KG	3100UY	190UY	2300UYJ	2500UYJ	190UYJ
BHC-ALPHA UG/KG	150UY	9.6UY	110UYJ	120UYJ	9.4UYJ
BHC-BETA UG/KG	150UY	9.6UY	110UYJ	120UYJ	9.4UYJ
BHC-DELTA UG/KG	150UY	9.6UY	110UYJ	120UYJ	9.4UYJ
BHC-GAMMA(LINDANE) UG/KG	150UY	9.6UY	120UYJ	120UYJ	9.4UYJ
DIELDRIN UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
ENDOSULFAN I UG/KG	150UY	9.6UY	110UYJ	120UYJ	9.4UYJ
ENDOSULFAN II UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
ENDOSULFAN SULFATE UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
ENDRIN UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
ENDRIN KETONE UG/KG	310UY	19UY	230UYJ	250UYJ	190UYJ
GAMMA-CHLORDANE UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
HEPTACHLOR UG/KG	150UY	9.6UY	460UYJ	120UYJ	9.4UYJ
HEPTACHLOR EPOXIDE UG/KG	150UY	9.6UY	110UYJ	120UYJ	9.4UYJ
METHOXYCHLOR UG/KG	1500UY	96UY	1100UYJ	1200UYJ	94UYJ
TOXAPHENE UG/KG	3100UY	190UY	2300UYJ	2500UYJ	190UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C18-01	C18-01	C19-01	C19-01	C19-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C18	C18	C19	C19	C19
SAMPLE DATE:	04/07/1992	04/07/1992	04/08/1992	04/08/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	2.00	4.00
LOWER DEPTH:	2.00	4.00	2.00	4.00	6.00
4,4'-DDD UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
4,4'-DDE UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
4,4'-DDT UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
ALDRIN UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
ALPHA-CHLORDANE UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
AROCLOR-1016 UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
AROCLOR-1221 UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
AROCLOR-1232 UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
AROCLOR-1242 UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
AROCLOR-1248 UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
AROCLOR-1254 UG/KG	2100UYJ	180UYJ	2400UYJ	190UYJ	180UYJ
AROCLOR-1260 UG/KG	2100UYJ	180UYJ	2400UYJ	190UYJ	180UYJ
BHC-ALPHA UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
BHC-BETA UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
BHC-DELTA UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
BHC-GAMMA(LINDANE) UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
DIELDRIN UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
ENDOSULFAN I UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
ENDOSULFAN II UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
ENDOSULFAN SULFATE UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
ENDRIN UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
ENDRIN KETONE UG/KG	210UYJ	18UYJ	240UYJ	19UYJ	18UYJ
GAMMA-CHLORDANE UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
HEPTACHLOR UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
HEPTACHLOR EPOXIDE UG/KG	110UYJ	8.9UYJ	120UYJ	9.3UYJ	9.2UYJ
METHOXYCHLOR UG/KG	1100UYJ	89UYJ	1200UYJ	93UYJ	92UYJ
TOXAPHENE UG/KG	2100UYJ	180UYJ	2400UYJ	190UYJ	180UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (/XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C20-01	C20-01	C20-01	C21-01	C21-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C20	C20	C20	C21	C21
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.50	6.50	0.00	2.00
LOWER DEPTH:	4.50	6.50	8.50	2.00	4.00
4,4'-DDD UG/KG	18UYJ	17UY	20UY	25UYJ	240UYJ
4,4'-DDE UG/KG	18UYJ	17UY	20UY	25UYJ	240UYJ
4,4'-DDT UG/KG	18UYJ	17UY	20UY	25UYJ	240UYJ
ALDRIN UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
ALPHA-CHLORDANE UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
AROCLOR-1016 UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
AROCLOR-1221 UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
AROCLOR-1232 UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
AROCLOR-1242 UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
AROCLOR-1248 UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
AROCLOR-1254 UG/KG	180UYJ	170UY	200UY	250UYJ	2400UYJ
AROCLOR-1260 UG/KG	180UYJ	170UY	200UY	250UYJ	2400UYJ
BHC-ALPHA UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
BHC-BETA UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
BHC-DELTA UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
BHC-GAMMA (LINDANE) UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
DIELDRIN UG/KG	18UYJ	17UY	20UY	25UYJ	240UYJ
ENDOSULFAN I UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
ENDOSULFAN II UG/KG	18UYJ	17UY	20UY	25UYJ	240UYJ
ENDOSULFAN SULFATE UG/KG	18UYJ	28UY	20UY	25UYJ	240UYJ
ENDRIN UG/KG	18UYJ	17UY	20UY	25UYJ	240UYJ
ENDRIN KETONE UG/KG	18UYJ	17UY	20UY	25UYJ	240UYJ
GAMMA-CHLORDANE UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
HEPTACHLOR UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
HEPTACHLOR EPOXIDE UG/KG	8.9UYJ	8.7UY	10UY	12UYJ	120UYJ
METHOXYCHLOR UG/KG	89UYJ	87UY	100UY	120UYJ	1200UYJ
TOXAPHENE UG/KG	180UYJ	170UY	200UY	250UYJ	2400UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JM = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ID:	C22-01	C22-01	C22-01	C23-01	C23-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C22	C22	C22	C23	C23
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	04/02/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	0.00	4.00
LOWER DEPTH:	3.00	5.00	7.00	2.00	6.00
4,4'-DDD UG/KG	18UYJ	18UYJ	18UYJ	95UY	8.5UY
4,4'-DDE UG/KG	18UYJ	18UYJ	18UYJ	38UY	3.1UY
4,4'-DDT UG/KG	18UYJ	18UYJ	18UYJ	190UY	9.2UY
ALDRIN UG/KG	8.8UYJ	9UYJ	8.9UYJ	35UY	3.1UY
ALPHA-CHLORDANE UG/KG	88UYJ	90UYJ	89UYJ	42UY	3.8UY
AROCOR-1016 UG/KG	88UYJ	90UYJ	89UYJ	410UY	37UY
AROCOR-1221 UG/KG	88UYJ	90UYJ	89UYJ	1000UY	92UY
AROCOR-1232 UG/KG	88UYJ	90UYJ	89UYJ	1000UY	92UY
AROCOR-1242 UG/KG	88UYJ	90UYJ	89UYJ	410UY	37UY
AROCOR-1248 UG/KG	88UYJ	90UYJ	89UYJ	210UY	18UY
AROCOR-1254 UG/KG	180UYJ	180UYJ	180UYJ	210UY	18UY
AROCOR-1260 UG/KG	180UYJ	180UYJ	180UYJ	210UY	18UY
BHC-ALPHA UG/KG	8.8UYJ	9UYJ	8.9UYJ	26UY	2.3UY
BHC-BETA UG/KG	8.8UYJ	9UYJ	8.9UYJ	51UY	4.6UY
BHC-DELTA UG/KG	8.8UYJ	9UYJ	8.9UYJ	51UY	4.6UY
BHC-GAMMA(LINDANE) UG/KG	8.8UYJ	9UYJ	8.9UYJ	35UY	3.1UY
DIELDRIN UG/KG	18UYJ	18UYJ	18UYJ	17UY	1.5UY
ENDOSULFAN I UG/KG	8.8UYJ	9UYJ	8.9UYJ	51UY	4.6UY
ENDOSULFAN II UG/KG	18UYJ	18UYJ	18UYJ	35UY	3.1UY
ENDOSULFAN SULFATE UG/KG	18UYJ	18UYJ	18UYJ	100UY	9.2UY
ENDRIN UG/KG	18UYJ	18UYJ	18UYJ	51UY	4.6UY
ENDRIN KETONE UG/KG	18UYJ	18UYJ	18UYJ	100UY	9.2UY
GAMMA-CHLORDANE UG/KG	88UYJ	90UYJ	89UYJ	42UY	3.8UY
HEPTACHLOR UG/KG	8.8UYJ	9UYJ	8.9UYJ	26UY	2.3UY
HEPTACHLOR EPOXIDE UG/KG	8.8UYJ	9UYJ	8.9UYJ	51UY	4.6UY
METHOXYCHLOR UG/KG	88UYJ	90UYJ	89UYJ	210UY	18UY
TOXAPHENE UG/KG	180UYJ	180UYJ	180UYJ	860UY	77UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX-ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS.
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SAMPLE ID:	C23-01D	C24-01	C24-01	C25-01	C25-01
SUB-SAMPLE ID:	DUP	A	B	A	B
STATION ID:	C23	C24	C24	C25	C25
SAMPLE DATE:	04/02/1992	04/07/1992	04/07/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	4.00	0.50	4.50
LOWER DEPTH:	6.00	4.00	6.00	2.50	6.50
4,4'-DDD UG/KG	8.3UY	25UYJ	19UYJ	19UYJ	18UYJ
4,4'-DDE UG/KG	3UY	25UYJ	19UYJ	19UYJ	18UYJ
4,4'-DDT UG/KG	9UY	25UYJ	19UYJ	19UYJ	18UYJ
ALDRIN UG/KG	3UY	13UYJ	9.3UYJ	9.4UYJ	9.2UYJ
ALPHA-CHLORDANE UG/KG	3.7UY	130UYJ	93UYJ	94UYJ	92UYJ
AROCLOR-1016 UG/KG	36UY	130UYJ	93UYJ	94UYJ	92UYJ
AROCLOR-1221 UG/KG	90UY	130UYJ	93UYJ	94UYJ	92UYJ
AROCLOR-1232 UG/KG	90UY	130UYJ	93UYJ	94UYJ	92UYJ
AROCLOR-1242 UG/KG	36UY	130UYJ	93UYJ	94UYJ	92UYJ
AROCLOR-1248 UG/KG	18UY	130UYJ	93UYJ	94UYJ	92UYJ
AROCLOR-1254 UG/KG	18UY	250UYJ	190UYJ	190UYJ	180UYJ
AROCLOR-1260 UG/KG	18UY	250UYJ	190UYJ	190UYJ	180UYJ
BHC-ALPHA UG/KG	2.2UY	13UYJ	9.3UYJ	9.4UYJ	9.2UYJ
BHC-BETA UG/KG	4.5UY	19UYJ	9.3UYJ	9.4UYJ	9.2UYJ
BHC-DELTA UG/KG	4.5UY	13UYJ	9.3UYJ	9.4UYJ	9.2UYJ
BHC-GAMMA(LINDANE) UG/KG	3UY	130UYJ	9.3UYJ	9.4UYJ	9.2UYJ
DIELDRIN UG/KG	1.5UY	250UYJ	19UYJ	19UYJ	18UYJ
ENDOSULFAN I UG/KG	4.5UY	13UYJ	9.3UYJ	9.4UYJ	9.2UYJ
ENDOSULFAN II UG/KG	3UY	25UYJ	19UYJ	19UYJ	18UYJ
ENDOSULFAN SULFATE UG/KG	9UY	25UYJ	19UYJ	19UYJ	18UYJ
ENDRIN UG/KG	4.5UY	25UYJ	19UYJ	19UYJ	18UYJ
ENDRIN KETONE UG/KG	9UY	25UYJ	19UYJ	19UYJ	18UYJ
GAMMA-CHLORDANE UG/KG	3.7UY	130UYJ	93UYJ	94UYJ	92UYJ
HEPTACHLOR UG/KG	2.2UY	13UYJ	9.3UYJ	9.4UYJ	9.2UYJ
HEPTACHLOR EPOXIDE UG/KG	4.5UY	52UYJ	9.3UYJ	9.4UYJ	9.2UYJ
METHOXYCHLOR UG/KG	18UY	130UYJ	93UYJ	94UYJ	92UYJ
TOXAPHENE UG/KG	75UY	250UYJ	190UYJ	190UYJ	180UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=UNUSABLE,
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SAMPLE ID:	C25-01	C26-01	C26-01	C26-01	C27-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C25	C26	C26	C26	C27
SAMPLE DATE:	02/26/1992	02/24/1992	02/24/1992	02/24/1992	02/25/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	8.50	0.00	2.00	4.00	2.00
LOWER DEPTH:	10.50	2.00	4.00	6.00	4.00
4,4'-DDD UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	29UYJ
4,4'-DDE UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	29UYJ
4,4'-DDT UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	59UYJ
ALDRIN UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
ALPHA-CHLORDANE UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
AROCLOR-1016 UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
AROCLOR-1221 UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
AROCLOR-1232 UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
AROCLOR-1242 UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
AROCLOR-1248 UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
AROCLOR-1254 UG/KG	180UYJ	190UYJ	180UYJ	180UYJ	290UYJ
AROCLOR-1260 UG/KG	180UYJ	190UYJ	180UYJ	180UYJ	290UYJ
BHC-ALPHA UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
BHC-BETA UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
BHC-DELTA UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
BHC-GAMMA(LINDANE) UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
DIELDRIN UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	29UYJ
ENDOSULFAN I UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
ENDOSULFAN II UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	29UYJ
ENDOSULFAN SULFATE UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	29UYJ
ENDRIN UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	29UYJ
ENDRIN KETONE UG/KG	18UYJ	19UYJ	18UYJ	18UYJ	29UYJ
GAMMA-CHLORDANE UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
HEPTACHLOR UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
HEPTACHLOR EPOXIDE UG/KG	9.2UYJ	9.5UYJ	8.9UYJ	8.9UYJ	15UYJ
METHOXYCHLOR UG/KG	92UYJ	95UYJ	89UYJ	89UYJ	150UYJ
TOXAPHENE UG/KG	180UYJ	190UYJ	180UYJ	180UYJ	290UYJ

NNN*/ XXABCCCC POSITIONALLY N-VALUE, (/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C27-01	C27-01	C28-01	C28-01	C28-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C27	C27	C28	C28	C28
SAMPLE DATE:	02/25/1992	02/25/1992	02/20/1992	02/20/1992	02/20/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	6.00	3.00	5.00	7.00
LOWER DEPTH:	6.00	8.00	5.00	7.00	9.00
4,4'-DDD UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
4,4'-DDE UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
4,4'-DDT UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
ALDRIN UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
ALPHA-CHLORDANE UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
AROCLOR-1016 UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
AROCLOR-1221 UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
AROCLOR-1232 UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
AROCLOR-1242 UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
AROCLOR-1248 UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
AROCLOR-1254 UG/KG	190UYJ	180UYJ	170UYJ	180UYJ	180UYJ
AROCLOR-1260 UG/KG	190UYJ	180UYJ	170UYJ	180UYJ	180UYJ
BHC-ALPHA UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
BHC-BETA UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
BHC-DELTA UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
BHC-GAMMA(LINDANE) UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
DIELDRIN UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
ENDOSULFAN I UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
ENDOSULFAN II UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
ENDOSULFAN SULFATE UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
ENDRIN UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
ENDRIN KETONE UG/KG	19UYJ	18UYJ	17UYJ	18UYJ	18UYJ
GAMMA-CHLORDANE UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
HEPTACHLOR UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
HEPTACHLOR EPOXIDE UG/KG	9.5UYJ	9.2UYJ	8.7UYJ	8.9UYJ	8.9UYJ
METHOXYCHLOR UG/KG	95UYJ	92UYJ	87UYJ	89UYJ	89UYJ
TOXAPHENE UG/KG	190UYJ	180UYJ	170UYJ	180UYJ	180UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ID:	C29-01	C29-01	C29-01	C29-01D	C30-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C29	C29	C29	C29	C30
SAMPLE DATE:	04/01/1992	04/01/1992	04/01/1992	04/01/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	5.00	7.00	5.00	1.00
LOWER DEPTH:	3.00	7.00	9.00	7.00	3.00
4,4'-DDD UG/KG	230UY	18UY	8.6UY	18UY	18UYJ
4,4'-DDE UG/KG	230UY	18UY	3.1UY	18UY	18UYJ
4,4'-DDT UG/KG	230UY	18UY	9.3UY	18UY	18UYJ
ALDRIN UG/KG	110UY	9.1UY	3.1UY	9.1UY	8.8UYJ
ALPHA-CHLORDANE UG/KG	1100UY	91UY	3.8UY	91UY	88UYJ
AROCLOR-1016 UG/KG	1100UY	91UY	37UY	91UY	88UYJ
AROCLOR-1221 UG/KG	1100UY	91UY	93UY	91UY	88UYJ
AROCLOR-1232 UG/KG	1100UY	91UY	93UY	91UY	88UYJ
AROCLOR-1242 UG/KG	1100UY	91UY	37UY	91UY	88UYJ
AROCLOR-1248 UG/KG	1100UY	91UY	19UY	91UY	88UYJ
AROCLOR-1254 UG/KG	2300UY	180UY	19UY	180UY	180UYJ
AROCLOR-1260 UG/KG	2300UY	180UY	19UY	180UY	180UYJ
BHC-ALPHA UG/KG	110UY	9.1UY	2.3UY	9.1UY	8.8UYJ
BHC-BETA UG/KG	110UY	9.1UY	4.7UY	9.1UY	8.8UYJ
BHC-DELTA UG/KG	110UY	9.1UY	4.7UY	9.1UY	8.8UYJ
BHC-GAMMA(LINDANE) UG/KG	110UY	9.1UY	3.1UY	9.1UY	8.8UYJ
DIELDRIN UG/KG	230UY	18UY	1.5UY	18UY	18UYJ
ENDOSULFAN I UG/KG	110UY	9.1UY	4.7UY	9.1UY	8.8UYJ
ENDOSULFAN II UG/KG	230UY	18UY	3.1UY	18UY	18UYJ
ENDOSULFAN SULFATE UG/KG	230UY	18UY	9.3UY	18UY	18UYJ
ENDRIN UG/KG	230UY	18UY	4.7UY	18UY	18UYJ
ENDRIN KETONE UG/KG	230UY	18UY	9.3UY	18UY	18UYJ
GAMMA-CHLORDANE UG/KG	1100UY	91UY	3.8UY	91UY	88UYJ
HEPTACHLOR UG/KG	110UY	9.1UY	2.3UY	9.1UY	8.8UYJ
HEPTACHLOR EPOXIDE UG/KG	110UY	9.1UY	4.7UY	9.1UY	8.8UYJ
METHOXYCHLOR UG/KG	1100UY	91UY	19UY	91UY	88UYJ
TOXAPHENE UG/KG	2300UY	180UY	78UY	180UY	180UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
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 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C31-01	C31-01	C31-01	C32-01	C32-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C31	C31	C31	C32	C32
SAMPLE DATE:	02/25/1992	02/25/1992	02/25/1992	02/21/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	1.00	3.00
LOWER DEPTH:	4.00	6.00	8.00	3.00	5.00
4,4'-DDD UG/KG	18UYJ	18UYJ	18UYJ	8.3UY	17UYJ
4,4'-DDE UG/KG	18UYJ	18UYJ	18UYJ	3UY	17UYJ
4,4'-DDT UG/KG	18UYJ	18UYJ	18UYJ	9UY	17UYJ
ALDRIN UG/KG	8.9UYJ	9UYJ	9.2UYJ	3UY	8.7UYJ
ALPHA-CHLORDANE UG/KG	89UYJ	90UYJ	92UYJ	3.7UY	87UYJ
AROCLOR-1016 UG/KG	89UYJ	90UYJ	92UYJ	36UY	87UYJ
AROCLOR-1221 UG/KG	89UYJ	90UYJ	92UYJ	90UY	87UYJ
AROCLOR-1232 UG/KG	89UYJ	90UYJ	92UYJ	90UY	87UYJ
AROCLOR-1242 UG/KG	89UYJ	90UYJ	92UYJ	36UY	87UYJ
AROCLOR-1248 UG/KG	89UYJ	90UYJ	92UYJ	18UY	87UYJ
AROCLOR-1254 UG/KG	180UYJ	180UYJ	180UYJ	18UY	170UYJ
AROCLOR-1260 UG/KG	180UYJ	180UYJ	180UYJ	18UY	170UYJ
BHC-ALPHA UG/KG	8.9UYJ	9UYJ	9.2UYJ	2.2UY	8.7UYJ
BHC-BETA UG/KG	8.9UYJ	9UYJ	9.2UYJ	4.5UY	8.7UYJ
BHC-DELTA UG/KG	8.9UYJ	9UYJ	9.2UYJ	4.5UY	8.7UYJ
BHC-GAMMA(LINDANE) UG/KG	8.9UYJ	9UYJ	9.2UYJ	3UY	8.7UYJ
DIELDRIN UG/KG	18UYJ	18UYJ	18UYJ	1.5UY	17UYJ
ENDOSULFAN I UG/KG	8.9UYJ	9UYJ	9.2UYJ	4.5UY	8.7UYJ
ENDOSULFAN II UG/KG	18UYJ	18UYJ	18UYJ	3UY	17UYJ
ENDOSULFAN SULFATE UG/KG	18UYJ	18UYJ	18UYJ	9UY	17UYJ
ENDRIN UG/KG	18UYJ	18UYJ	18UYJ	4.5UY	17UYJ
ENDRIN KETONE UG/KG	18UYJ	18UYJ	18UYJ	9UY	17UYJ
GAMMA-CHLORDANE UG/KG	89UYJ	90UYJ	92UYJ	3.7UY	87UYJ
HEPTACHLOR UG/KG	8.9UYJ	9UYJ	9.2UYJ	2.2UY	8.7UYJ
HEPTACHLOR EPOXIDE UG/KG	8.9UYJ	9UYJ	9.2UYJ	4.5UY	8.7UYJ
METHOXYCHLOR UG/KG	89UYJ	90UYJ	92UYJ	18UY	87UYJ
TOXAPHENE UG/KG	180UYJ	180UYJ	180UYJ	75UY	170UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
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	C32-01	C32-010	C33-01	C33-01	C33-01
SAMPLE ID:	C	DUP	A	B	C
SUB-SAMPLE ID:	C32	C32	C33	C33	C33
STATION ID:	02/21/1992	02/21/1992	02/26/1992	02/26/1992	02/26/1992
SAMPLE DATE:					
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	1.00	1.00	3.00	7.00
LOWER DEPTH:	7.00	3.00	3.00	5.00	9.00
4,4'-DDD UG/KG	18UYJ	8.3UY	18UYJ	19UYJ	18UYJ
4,4'-DDE UG/KG	18UYJ	3UY	18UYJ	19UYJ	18UYJ
4,4'-DDT UG/KG	18UYJ	9UY	18UYJ	19UYJ	18UYJ
ALDRIN UG/KG	8.8UYJ	3UY	8.9UYJ	9.4UYJ	9UYJ
ALPHA-CHLORDANE UG/KG	88UYJ	3.7UY	89UYJ	94UYJ	90UYJ
AROCLOR-1016 UG/KG	88UYJ	36UY	89UYJ	94UYJ	90UYJ
AROCLOR-1221 UG/KG	88UYJ	90UY	89UYJ	94UYJ	90UYJ
AROCLOR-1232 UG/KG	88UYJ	90UY	89UYJ	94UYJ	90UYJ
AROCLOR-1242 UG/KG	88UYJ	36UY	89UYJ	94UYJ	90UYJ
AROCLOR-1248 UG/KG	88UYJ	18UY	89UYJ	94UYJ	90UYJ
AROCLOR-1254 UG/KG	180UYJ	18UY	180UYJ	190UYJ	180UYJ
AROCLOR-1260 UG/KG	180UYJ	18UY	180UYJ	190UYJ	180UYJ
BHC-ALPHA UG/KG	8.8UYJ	2.2UY	8.9UYJ	9.4UYJ	9UYJ
BHC-BETA UG/KG	8.8UYJ	4.5UY	8.9UYJ	9.4UYJ	9UYJ
BHC-DELTA UG/KG	8.8UYJ	4.5UY	8.9UYJ	9.4UYJ	9UYJ
BHC-GAMMA (LINDANE) UG/KG	8.8UYJ	3UY	8.9UYJ	9.4UYJ	9UYJ
DIELDRIN UG/KG	18UYJ	1.5UY	18UYJ	19UYJ	18UYJ
ENDOSULFAN I UG/KG	8.8UYJ	4.5UY	8.9UYJ	9.4UYJ	9UYJ
ENDOSULFAN II UG/KG	18UYJ	3UY	18UYJ	19UYJ	18UYJ
ENDOSULFAN SULFATE UG/KG	18UYJ	9UY	18UYJ	19UYJ	18UYJ
ENDRIN UG/KG	18UYJ	4.5UY	18UYJ	19UYJ	18UYJ
ENDRIN KETONE UG/KG	18UYJ	9UY	18UYJ	19UYJ	18UYJ
GAMMA-CHLORDANE UG/KG	88UYJ	3.7UY	89UYJ	94UYJ	90UYJ
HEPTACHLOR UG/KG	8.8UYJ	2.2UY	8.9UYJ	9.4UYJ	9UYJ
HEPTACHLOR EPOXIDE UG/KG	8.8UYJ	4.5UY	8.9UYJ	9.4UYJ	9UYJ
METHOXYCHLOR UG/KG	88UYJ	18UY	89UYJ	94UYJ	90UYJ
TOXAPHENE UG/KG	180UYJ	75UY	180UYJ	190UYJ	180UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
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	C34-01	C34-01	C34-01	C34-01D	C35-01
SAMPLE ID:	A	B	C	DUP	A
SUB-SAMPLE ID:					
STATION ID:	C34	C34	C34	C34	C35
SAMPLE DATE:	02/24/1992	02/24/1992	02/24/1992	02/24/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	3.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	5.00
4,4'-DDD UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
4,4'-DDE UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
4,4'-DDT UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
ALDRIN UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
ALPHA-CHLORDANE UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
AROCLOR-1016 UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
AROCLOR-1221 UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
AROCLOR-1232 UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
AROCLOR-1242 UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
AROCLOR-1248 UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
AROCLOR-1254 UG/KG	220UYJ	180UYJ	180UYJ	220UYJ	180UYJ
AROCLOR-1260 UG/KG	220UYJ	180UYJ	180UYJ	220UYJ	180UYJ
BHC-ALPHA UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
BHC-BETA UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
BHC-DELTA UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
BHC-GAMMA(LINDANE) UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
DIELDRIN UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
ENDOSULFAN I UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
ENDOSULFAN II UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
ENDOSULFAN SULFATE UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
ENDRIN UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
ENDRIN KETONE UG/KG	22UYJ	18UYJ	18UYJ	22UYJ	18UYJ
GAMMA-CHLORDANE UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
HEPTACHLOR UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
HEPTACHLOR EPOXIDE UG/KG	11UYJ	8.9UYJ	9.2UYJ	11UYJ	8.8UYJ
METHOXYCHLOR UG/KG	110UYJ	89UYJ	92UYJ	110UYJ	88UYJ
TOXAPHENE UG/KG	220UYJ	180UYJ	180UYJ	220UYJ	180UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
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SAMPLE ID:	C35-01	C35-01	C36-01	C36-01	C36-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C35	C35	C36	C36	C36
SAMPLE DATE:	02/19/1992	02/19/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	7.00	0.00	2.00	4.00
LOWER DEPTH:	7.00	9.00	2.00	4.00	6.00
4,4'-DDD UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
4,4'-DDE UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
4,4'-DDT UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
ALDRIN UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	9.1UYJ
ALPHA-CHLORDANE UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	91UYJ
AROCLOR-1016 UG/KG	870UYJ	890UYJ	900UYJ	90UYJ	91UYJ
AROCLOR-1221 UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	91UYJ
AROCLOR-1232 UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	91UYJ
AROCLOR-1242 UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	91UYJ
AROCLOR-1248 UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	91UYJ
AROCLOR-1254 UG/KG	1700UYJ	1800UYJ	2100UYJ	180UYJ	180UYJ
AROCLOR-1260 UG/KG	1700UYJ	1800UYJ	2100UYJ	180UYJ	180UYJ
BHC-ALPHA UG/KG	870UYJ	890UYJ	100UYJ	90UYJ	9.1UYJ
BHC-BETA UG/KG	870UYJ	890UYJ	100UYJ	90UYJ	9.1UYJ
BHC-DELTA UG/KG	870UYJ	890UYJ	100UYJ	90UYJ	9.1UYJ
BHC-GAMMA(LINDANE) UG/KG	870UYJ	890UYJ	100UYJ	90UYJ	9.1UYJ
DIELDRIN UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
ENDOSULFAN I UG/KG	870UYJ	890UYJ	100UYJ	90UYJ	9.1UYJ
ENDOSULFAN II UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
ENDOSULFAN SULFATE UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
ENDRIN UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
ENDRIN KETONE UG/KG	170UYJ	180UYJ	210UYJ	180UYJ	180UYJ
GAMMA-CHLORDANE UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	91UYJ
HEPTACHLOR UG/KG	870UYJ	890UYJ	100UYJ	90UYJ	9.1UYJ
HEPTACHLOR EPOXIDE UG/KG	870UYJ	890UYJ	100UYJ	90UYJ	9.1UYJ
METHOXYCHLOR UG/KG	870UYJ	890UYJ	1000UYJ	90UYJ	91UYJ
TOXAPHENE UG/KG	1700UYJ	1800UYJ	2100UYJ	180UYJ	180UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C37-01	C37-01	C37-01D	C38-01	C38-01
SUB-SAMPLE ID:	A	B	DUP	A	B
STATION ID:	C37	C37	C37	C38	C38
SAMPLE DATE:	04/08/1992	04/08/1992	04/08/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	8.00	10.00
LOWER DEPTH:	2.00	4.00	2.00	10.00	12.00
4,4'-DDD UG/KG	190UYJ	710DYJ	190UYJ	24UY	26UY
4,4'-DDE UG/KG	190UYJ	220UYJ	190UYJ	24UY	26UY
4,4'-DDT UG/KG	190UYJ	220UYJ	190UYJ	24UY	26UY
ALDRIN UG/KG	96UYJ	110UYJ	95UYJ	12UY	13UY
ALPHA-CHLORDANE UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
AROCLOR-1016 UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
AROCLOR-1221 UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
AROCLOR-1232 UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
AROCLOR-1242 UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
AROCLOR-1248 UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
AROCLOR-1254 UG/KG	1900UYJ	2200UYJ	1900UYJ	240UY	260UY
AROCLOR-1260 UG/KG	1900UYJ	2200UYJ	1900UYJ	240UY	260UY
BHC-ALPHA UG/KG	96UYJ	110UYJ	95UYJ	12UY	13UY
BHC-BETA UG/KG	96UYJ	110UYJ	95UYJ	12UY	13UY
BHC-DELTA UG/KG	96UYJ	110UYJ	95UYJ	12UY	13UY
BHC-GAMMA(LINDANE) UG/KG	96UYJ	110UYJ	95UYJ	12UY	13UY
DIELDRIN UG/KG	190UYJ	220UYJ	190UYJ	24UY	26UY
ENDOSULFAN I UG/KG	96UYJ	320UYJ	95UYJ	12UY	13UY
ENDOSULFAN II UG/KG	190UYJ	220UYJ	190UYJ	24UY	26UY
ENDOSULFAN SULFATE UG/KG	190UYJ	780UYJ	190UYJ	24UY	26UY
ENDRIN UG/KG	190UYJ	220UYJ	190UYJ	24UY	26UY
ENDRIN KETONE UG/KG	190UYJ	220UYJ	190UYJ	24UY	26UY
GAMMA-CHLORDANE UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
HEPTACHLOR UG/KG	96UYJ	110UYJ	95UYJ	12UY	13UY
HEPTACHLOR EPOXIDE UG/KG	96UYJ	110UYJ	95UYJ	12UY	13UY
METHOXYCHLOR UG/KG	960UYJ	1100UYJ	950UYJ	120UY	130UY
TOXAPHENE UG/KG	1900UYJ	2200UYJ	1900UYJ	240UY	260UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ID:	C38-01	C39-01	C39-01	C39-01	C39-01
SUB-SAMPLE ID:	C	A	B	C	DUP
STATION ID:	C38	C39	C39	C39	C39
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	12.00	0.00	4.00	6.00	6.00
LOWER DEPTH:	14.00	2.00	6.00	8.00	8.00
4,4'-DDD UG/KG	18UY	18UY	18UY	18UY	20UY
4,4'-DDE UG/KG	18UY	18UY	18UY	18UY	20UY
4,4'-DDT UG/KG	18UY	18UY	18UY	18UY	20UY
ALDRIN UG/KG	9.2UY	8.9UY	9UY	9UY	10UY
ALPHA-CHLORDANE UG/KG	92UY	89UY	90UY	90UY	100UY
AROCLOR-1016 UG/KG	92UY	89UY	90UY	90UY	100UY
AROCLOR-1221 UG/KG	92UY	89UY	90UY	90UY	100UY
AROCLOR-1232 UG/KG	92UY	89UY	90UY	90UY	100UY
AROCLOR-1242 UG/KG	92UY	89UY	90UY	90UY	100UY
AROCLOR-1248 UG/KG	92UY	89UY	90UY	90UY	100UY
AROCLOR-1254 UG/KG	180UY	180UY	180UY	180UY	200UY
AROCLOR-1260 UG/KG	180UY	180UY	180UY	180UY	200UY
BHC-ALPHA UG/KG	9.2UY	8.9UY	9UY	9UY	10UY
BHC-BETA UG/KG	9.2UY	8.9UY	9UY	9UY	10UY
BHC-DELTA UG/KG	9.2UY	8.9UY	9UY	9UY	10UY
BHC-GAMMA(LINDANE) UG/KG	9.2UY	8.9UY	9UY	9UY	10UY
DIELDRIN UG/KG	18UY	18UY	18UY	18UY	20UY
ENDOSULFAN I UG/KG	9.2UY	15UY	9UY	9UY	10UY
ENDOSULFAN II UG/KG	18UY	18UY	18UY	18UY	20UY
ENDOSULFAN SULFATE UG/KG	18UY	18UY	18UY	18UY	20UY
ENDRIN UG/KG	18UY	18UY	18UY	18UY	20UY
ENDRIN KETONE UG/KG	18UY	18UY	18UY	18UY	20UY
GAMMA-CHLORDANE UG/KG	92UY	89UY	90UY	90UY	100UY
HEPTACHLOR UG/KG	9.2UY	8.9UY	9UY	9UY	10UY
HEPTACHLOR EPOXIDE UG/KG	9.2UY	8.9UY	9UY	9UY	10UY
METHOXYCHLOR UG/KG	92UY	89UY	90UY	90UY	100UY
TOXAPHENE UG/KG	180UY	180UY	180UY	180UY	200UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J = estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UU = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C40-01	C40-01	C40-01	C41-01	C41-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C40	C40	C40	C41	C41
SAMPLE DATE:	02/13/1992	02/13/1992	02/13/1992	02/12/1992	02/12/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	0.00	4.00
LOWER DEPTH:	4.00	6.00	8.00	2.00	6.00
4,4'-DDD UG/KG	8.5UY	8.3UY	8.3UY	20UYJ	44UY
4,4'-DDE UG/KG	3.1UY	3UY	3UY	20UYJ	16UY
4,4'-DDT UG/KG	9.2UY	9UY	9UY	20UYJ	47UY
ALDRIN UG/KG	3.1UY	3UY	3UY	9.9UYJ	16UY
ALPHA-CHLORDANE UG/KG	3.8UY	3.7UY	3.7UY	99UYJ	19UY
AROCLOR-1016 UG/KG	37UY	36UY	36UY	99UYJ	190UY
AROCLOR-1221 UG/KG	92UY	90UY	90UY	99UYJ	470UY
AROCLOR-1232 UG/KG	92UY	90UY	90UY	99UYJ	470UY
AROCLOR-1242 UG/KG	37UY	36UY	36UY	99UYJ	190UY
AROCLOR-1248 UG/KG	18UY	18UY	18UY	99UYJ	94UY
AROCLOR-1254 UG/KG	18UY	18UY	18UY	200UYJ	94UY
AROCLOR-1260 UG/KG	18UY	18UY	18UY	200UYJ	94UY
BHC-ALPHA UG/KG	2.3UY	2.2UY	2.2UY	9.9UYJ	12UY
BHC-BETA UG/KG	4.6UY	4.5UY	4.5UY	9.9UYJ	24UY
BHC-DELTA UG/KG	4.6UY	4.5UY	4.5UY	9.9UYJ	24UY
BHC-GAMMA(LINDANE) UG/KG	3.1UY	3UY	3UY	9.9UYJ	16UY
DIELDRIN UG/KG	1.5UY	1.5UY	1.5UY	20UYJ	7.6UY
ENDOSULFAN I UG/KG	4.6UY	4.5UY	4.5UY	17DYJ	24UY
ENDOSULFAN II UG/KG	3.1UY	3UY	3UY	20UYJ	16UY
ENDOSULFAN SULFATE UG/KG	9.2UY	9UY	9UY	20UYJ	47UY
ENDRIN UG/KG	4.6UY	4.5UY	4.5UY	20UYJ	24UY
ENDRIN KETONE UG/KG	9.2UY	9UY	9UY	20UYJ	47UY
GAMMA-CHLORDANE UG/KG	3.8UY	3.7UY	3.7UY	99UYJ	19UY
HEPTACHLOR UG/KG	2.3UY	2.2UY	2.2UY	9.9UYJ	12UY
HEPTACHLOR EPOXIDE UG/KG	4.6UY	4.5UY	4.5UY	9.9UYJ	24UY
METHOXYCHLOR UG/KG	18UY	18UY	18UY	99UYJ	94UY
TOXAPHENE UG/KG	77UY	75UY	75UY	200UYJ	390UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C41-01	C42-01	C42-01	C42-01	C43-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C41	C42	C42	C42	C43
SAMPLE DATE:	02/12/1992	02/19/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	4.00	6.00	10.00	3.00
LOWER DEPTH:	8.00	6.00	8.00	12.00	5.00
4,4'-DDD UG/KG	8.6UY	22UYJ	19UYJ	18UYJ	18UYJ
4,4'-DDE UG/KG	3.1UY	22UYJ	19UYJ	18UYJ	18UYJ
4,4'-DDT UG/KG	9.3UY	22UYJ	19UYJ	18UYJ	18UYJ
ALDRIN UG/KG	3.1UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
ALPHA-CHLORDANE UG/KG	3.8UY	110UYJ	94UYJ	92UYJ	90UYJ
AROCLOR-1016 UG/KG	37UY	110UYJ	94UYJ	92UYJ	90UYJ
AROCLOR-1221 UG/KG	93UY	110UYJ	94UYJ	92UYJ	90UYJ
AROCLOR-1232 UG/KG	93UY	110UYJ	94UYJ	92UYJ	90UYJ
AROCLOR-1242 UG/KG	37UY	110UYJ	94UYJ	92UYJ	90UYJ
AROCLOR-1248 UG/KG	19UY	110UYJ	94UYJ	92UYJ	90UYJ
AROCLOR-1254 UG/KG	19UY	220UYJ	190UYJ	180UYJ	180UYJ
AROCLOR-1260 UG/KG	19UY	220UYJ	190UYJ	180UYJ	180UYJ
BHC-ALPHA UG/KG	2.3UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
BHC-BETA UG/KG	4.7UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
BHC-DELTA UG/KG	4.7UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
BHC-GAMMA(LINDANE) UG/KG	3.1UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
DIELDRIN UG/KG	1.5UY	22UYJ	19UYJ	18UYJ	18UYJ
ENDOSULFAN I UG/KG	4.7UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
ENDOSULFAN II UG/KG	3.1UY	22UYJ	19UYJ	18UYJ	18UYJ
ENDOSULFAN SULFATE UG/KG	9.3UY	22UYJ	19UYJ	18UYJ	330UYJ
ENDRIN UG/KG	4.7UY	22UYJ	19UYJ	18UYJ	18UYJ
ENDRIN KETONE UG/KG	9.3UY	22UYJ	19UYJ	18UYJ	18UYJ
GAMMA-CHLORDANE UG/KG	3.8UY	110UYJ	94UYJ	92UYJ	90UYJ
HEPTACHLOR UG/KG	2.3UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
HEPTACHLOR EPOXIDE UG/KG	4.7UY	11UYJ	9.4UYJ	9.2UYJ	9UYJ
METHOXYCHLOR UG/KG	19UY	110UYJ	94UYJ	92UYJ	90UYJ
TOXAPHENE UG/KG	78UY	220UYJ	190UYJ	180UYJ	180UYJ

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/-XX-ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
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 SAMPLE ANALYSIS: PESTICIDES AND PCB'S

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SAMPLE ID:	C43-01	C43-01	C44-01	C44-01	C44-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C43	C43	C44	C44	C44
SAMPLE DATE:	02/19/1992	02/19/1992	02/13/1992	02/13/1992	02/13/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	11.00	4.00	6.00	8.00
LOWER DEPTH:	9.00	13.00	6.00	8.00	10.00
4,4'-DDD UG/KG	17UYJ	18UYJ	8.9UY	8.3UY	8.8UY
4,4'-DDE UG/KG	17UYJ	18UYJ	3.3UY	3UY	3.2UY
4,4'-DDT UG/KG	17UYJ	18UYJ	9.6UY	9UY	9.5UY
ALDRIN UG/KG	8.7UYJ	8.9UYJ	3.3UY	3UY	3.2UY
ALPHA-CHLORDANE UG/KG	87UYJ	89UYJ	4UY	3.7UY	3.9UY
AROCLOR-1016 UG/KG	87UYJ	89UYJ	39UY	36UY	38UY
AROCLOR-1221 UG/KG	87UYJ	89UYJ	96UY	90UY	95UY
AROCLOR-1232 UG/KG	87UYJ	89UYJ	96UY	90UY	95UY
AROCLOR-1242 UG/KG	87UYJ	89UYJ	39UY	36UY	38UY
AROCLOR-1248 UG/KG	87UYJ	89UYJ	19UY	18UY	19UY
AROCLOR-1254 UG/KG	170UYJ	180UYJ	19UY	18UY	19UY
AROCLOR-1260 UG/KG	170UYJ	180UYJ	19UY	18UY	19UY
BHC-ALPHA UG/KG	8.7UYJ	8.9UYJ	2.4UY	2.2UY	2.4UY
BHC-BETA UG/KG	8.7UYJ	8.9UYJ	4.8UY	4.5UY	4.8UY
BHC-DELTA UG/KG	8.7UYJ	8.9UYJ	4.8UY	4.5UY	4.8UY
BHC-GAMMA(LINDANE) UG/KG	8.7UYJ	8.9UYJ	3.3UY	3UY	3.2UY
DIELDRIN UG/KG	17UYJ	18UYJ	1.6UY	1.5UY	1.5UY
ENDOSULFAN I UG/KG	8.7UYJ	8.9UYJ	4.8UY	4.5UY	4.8UY
ENDOSULFAN II UG/KG	17UYJ	18UYJ	3.3UY	3UY	3.2UY
ENDOSULFAN SULFATE UG/KG	17UYJ	18UYJ	9.6UY	9UY	9.5UY
ENDRIN UG/KG	17UYJ	18UYJ	4.8UY	4.5UY	4.8UY
ENDRIN KETONE UG/KG	17UYJ	18UYJ	9.6UY	9UY	9.5UY
GAMMA-CHLORDANE UG/KG	87UYJ	89UYJ	4UY	3.7UY	3.9UY
HEPTACHLOR UG/KG	8.7UYJ	8.9UYJ	2.4UY	2.2UY	2.4UY
HEPTACHLOR EPOXIDE UG/KG	8.7UYJ	8.9UYJ	4.8UY	4.5UY	4.8UY
METHOXYCHLOR UG/KG	87UYJ	89UYJ	19UY	18UY	19UY
TOXAPHENE UG/KG	170UYJ	180UYJ	81UY	75UY	80UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: PESTICIDES AND PCB'S

SAMPLE ID:	FB-11	FB-12	FB-13	FB-14	FB-15
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-11	SB-FB-12	SB-FB-13	SB-FB-14	SB-FB-15
SAMPLE DATE:	02/27/1992	03/30/1992	03/31/1992	04/01/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
4,4'-DDD UG/L	0.1UYJ	0.1UY	0.1UY	0.1UY	0.1UY
4,4'-DDE UG/L	0.1UYJ	0.04UY	0.04UY	0.1UY	0.04UY
4,4'-DDT UG/L	0.1UYJ	0.1UY	0.1UY	0.1UY	0.1UY
ALDRIN UG/L	0.05UYJ	0.04UY	0.04UY	0.05UY	0.04UY
ALPHA-CHLORDANE UG/L	0.5UYJ	0.05UY	0.05UY	0.5UY	0.05UY
AROCLOR-1016 UG/L	0.5UYJ	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1221 UG/L	0.5UYJ	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1232 UG/L	0.5UYJ	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1242 UG/L	0.5UYJ	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1248 UG/L	0.5UYJ	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1254 UG/L	1UYJ	1UY	0.5UY	1UY	0.5UY
AROCLOR-1260 UG/L	1UYJ	1UY	0.5UY	1UY	0.5UY
BHC-ALPHA UG/L	0.05UYJ	0.03UY	0.03UY	0.05UY	0.03UY
BHC-BETA UG/L	0.05UYJ	0.05UY	0.05UY	0.05UY	0.05UY
BHC-DELTA UG/L	0.05UYJ	0.05UY	0.05UY	0.05UY	0.05UY
BHC-GAMMA(LINDANE) UG/L	0.05UYJ	0.04UY	0.04UY	0.05UY	0.04UY
DIELDRIN UG/L	0.1UYJ	0.02UY	0.02UY	0.1UY	0.02UY
ENDOSULFAN I UG/L	0.05UYJ	0.05UY	0.05UY	0.05UY	0.05UY
ENDOSULFAN II UG/L	0.1UYJ	0.04UY	0.04UY	0.1UY	0.04UY
ENDOSULFAN SULFATE UG/L	0.1UYJ	0.1UY	0.1UY	0.1UY	0.1UY
ENDRIN UG/L	0.1UYJ	0.06UY	0.06UY	0.1UY	0.06UY
ENDRIN KETONE UG/L	0.1UYJ	0.1UY	0.1UY	0.1UY	0.1UY
GAMMA-CHLORDANE UG/L	0.5UYJ	0.05UY	0.05UY	0.5UY	0.05UY
HEPTACHLOR UG/L	0.05UYJ	0.03UY	0.03UY	0.05UY	0.03UY
HEPTACHLOR EPOXIDE UG/L	0.05UYJ	0.05UY	0.05UY	0.05UY	0.05UY
METHOXYCHLOR UG/L	0.5UYJ	0.5UY	0.5UY	0.5UY	0.5UY
TOXAPHENE UG/L	1UYJ	1UY	1UY	1UY	1UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS.

U = less than detection limit, D = detected, J = estimated, R = unusable,

JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
TEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-11	FB-12	FB-13	FB-14	FB-15
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-11	SB-FB-12	SB-FB-13	SB-FB-14	SB-FB-15
SAMPLE DATE:	02/27/1992	03/30/1992	03/31/1992	04/01/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
1,2,4-TRICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,4-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
2,4,5-TRICHLOROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
2,4,6-TRICHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DICHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DIMETHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DINITROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
2,4-DINITROTOLUENE UG/L	10UY	10UY	10UY	10UY	10UY
2,6-DINITROTOLUENE UG/L	10UY	10UY	10UY	10UY	10UY
2-CHLORONAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
2-CHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2-METHYLNAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
2-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2-NITROANILINE UG/L	50UY	50UY	50UY	50UY	50UY
2-NITROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
3,3'-DICHLOROBENZIDINE UG/L	40UY	20UY	20UY	20UY	20UY
3-NITROANILINE UG/L	10UY	50UY	50UY	50UY	50UY
4,6-DINITRO-2-METHYLPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
4-BROMOPHENYL PHENYL ETHER UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLORO-3-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLOROANILINE UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLOROPHENYL PHENYL ETHER UG/L	10UY	10UY	10UY	10UY	10UY
4-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
4-NITROANILINE UG/L	50UY	50UY	50UY	50UY	50UY
4-NITROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
ACENAPHTHENE UG/L	10UY	10UY	10UY	10UY	10UY
ACENAPHTHYLENE UG/L	10UY	10UY	10UY	10UY	10UY

UNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS.

I = less than detection limit, D = detected, J = estimated, R = unusable,

IN = tentatively identified and estimated, IJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-11	FB-12	FB-13	FB-14	FB-15
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-11	SB-FB-12	SB-FB-13	SB-FB-14	SB-FB-15
SAMPLE DATE:	02/27/1992	03/30/1992	03/31/1992	04/01/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(A)ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(A)PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(B)FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(GHI)PERYLENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(K)FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZOIC ACID UG/L	50UY	50UY	50UY	50UY	50UY
BENZYL ALCOHOL UG/L	10UY	10UY	10UY	10UY	10UY
BENZYL BUTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROETHOXY) METHANE UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROETHYL) ETHER UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROISOPROPYL) ETHER UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	10YJ	30YJ	10UY	10UY	10UY
CAFFEINE UG/L	10UY	10UY	10UY	10UYJ	10UY
CHRYSENE UG/L	10UY	10UY	10UY	10UY	10UY
DI-N-BUTYL PHTHALATE UG/L	10UY	30YJ	30YJ	10UY	10UY
DI-N-OCTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DIBENZO(A,H)ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
DIBENZOFURAN UG/L	10UY	10UY	10UY	10UY	10UY
DIETHYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DIMETHYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
FLUORENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROBUTADIENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROCYCLOPENTADIENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROTHANE UG/L	10UY	10UY	10UY	10UY	10UY
INDENO(1,2,3-CD)PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
ISOPHORONE UG/L	10U	10UY	10UY	10UY	10UY
N-NITROSODIPHENYL AMINE UG/L	10UY	10UY	10UY	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

U = less than detection limit, D = detected, J = estimated, R = unusable,

JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

DMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

	FB-11	FB-12	FB-13	FB-14	FB-15
SAMPLE ID:	FB-11	FB-12	FB-13	FB-14	FB-15
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-11	SB-FB-12	SB-FB-13	SB-FB-14	SB-FB-15
SAMPLE DATE:	02/27/1992	03/30/1992	03/31/1992	04/01/1992	04/02/1992
SAMPLE TIME					
SAMPLE MATRIX	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
N-NITROSODIPROPYLAMINE UG/L	10UY	10UY	10UY	10UY	10UY
NAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
NITROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
PENTACHLOROPHENOL UG/L	10UY	50UY	50UY	50UY	50UY
PHENANTHRENE UG/L	50UY	10UY	10UY	10UY	10UY
PHENOL UG/L	10UY	10UY	10UY	10UY	10UY
PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
α-PINENE UG/L	10UY	10UYJ	10UY	10UYJ	10UYJ
d-LIMONENE UG/L	10UY	10UY	10UY	10UYJ	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
IN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ANALYSIS: VOLATILE ORGANICS

SAMPLE ID:	FB-11	FB-12	FB-13	FB-14	FB-15
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-11	SB-FB-12	SB-FB-13	SB-FB-14	SB-FB-15
SAMPLE DATE:	02/27/1992	03/30/1992	03/31/1992	04/01/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
1,1,1-TRICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1,2,2-TETRACHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1,2-TRICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1-DICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1-DICHLOROETHENE UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROETHENE (TOTAL) UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROPROPANE UG/L	5UY	5UY	5UY	5UY	5UY
2-BUTANONE UG/L	U/R	10UY	10UY	10UY	10UY
2-HEXANONE UG/L	10UY	10UY	10UY	10UY	10UY
4-METHYL-2-PENTANONE UG/L	10UY	10UY	10UY	10UY	10UY
ACETONE UG/L	10UY	5UYJ	10UY	10UY	10UY
BENZENE UG/L	5UY	5UY	5UY	5UY	5UY
BROMODICHLOROMETHANE UG/L	5UY	5UY	5UY	5UY	5UY
BROMOFORM UG/L	5UY	5UY	5UY	5UY	5UY
BROMOMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CARBON DISULFIDE UG/L	5UY	5UY	5UY	5UY	5UY
CARBON TETRACHLORIDE UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROBENZENE UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CHLOROFORM UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CIS-1,3-DICHLOROPROPENE UG/L	5UY	5UY	5UY	5UY	5UY
DIBROMOCHLOROMETHANE UG/L	5UY	5UY	5UY	5UY	5UY
ETHYLBENZENE UG/L	5UY	5UY	5UY	5UY	5UY
METHYLENE CHLORIDE UG/L	5UY	7DY	5UY	5UY	5UY
STYRENE UG/L	5UY	5UY	5UY	5UY	5UY
TETRACHLOROETHENE UG/L	5UY	5UY	5UY	5UY	5UY
TOLUENE UG/L	5UY	5UY	5UY	5UY	5UY
TRANS 1,3 DICHLOROPROPENE UG/L	5UY	5UY	5UY	5UY	5UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ANALYSIS: VOLATILE ORGANICS

	FB-11	FB-12	FB-13	FB-14	FB-15
SAMPLE ID:	00000	00000	00000	00000	00000
SUB-SAMPLE ID:	SB-FB-11	SB-FB-12	SB-FB-13	SB-FB-14	SB-FB-15
STATION ID:	02/27/1992	03/30/1992	03/31/1992	04/01/1992	04/02/1992
SAMPLE DATE:					
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
TRICHLOROETHENE UG/L	5UY	5UY	5UY	5UY	5UY
VINYL ACETATE UG/L	10UYJ	10UY	10UY	10UY	10UY
VINYL CHLORIDE UG/L	10UY	10UY	10UY	10UY	10UY
XYLENE (TOTAL) UG/L	5UY	5UY	5UY	5UY	5UY

NNN+/ XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
IN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ANALYSIS: INORGANICS

SAMPLE ID:	FB-16	FB-17	FB-18
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SB-FB-16	SB-FB-17	SB-FB-18
SAMPLE DATE:	04/03/1992	04/07/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	AQ	AQ	AQ
UPPER DEPTH:			
LOWER DEPTH:			
ALUMINUM UG/L	38DYJ	39UY	39UY
ANTIMONY UG/L	7UY	9UY	9UYJ
ARSENIC UG/L	2UYJ	2UYJ	2UYJ
BARIUM UG/L	5UY	5UY	5UY
BERYLLIUM UG/L	2UY	4UY	4UY
CADMIUM UG/L	5UY	7DY	5UY
CALCIUM UG/L	16UY	21UY	21UY
CHROMIUM UG/L	10UY	6UY	6UY
COBALT UG/L	14UY	14UY	14UY
COPPER UG/L	9UYJ	9UY	9UYJ
CYANIDE UG/L	5UY	5UY	5UY
IRON UG/L	129DY	21UY	164DY
LEAD UG/L	1UYJ	1UYJ	1UYJ
MAGNESIUM UG/L	48DYJ	46UY	46UY
MANGANESE UG/L	UYR	UYR	UYR
MERCURY UG/L	0.1UY	0.1UY	0.1UY
NICKEL UG/L	15UY	15UY	15UY
POTASSIUM UG/L	95UY	95UY	95UY
SELENIUM UG/L	1UY	1UY	1UY
SILVER UG/L	1UY	1UY	1UY
SODIUM UG/L	111UY	111UY	180DYJ
THALLIUM UG/L	2.4DYJ	1.7DYJ	2.3DYJ
VANADIUM UG/L	5UY	15UY	15UY
ZINC UG/L	UYR	UYR	UYR

NNN/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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IEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: PESTICIDES AND PCB'S

SAMPLE ID:	FB-16	FB-17	FB-18
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SB-FB-16	SB-FB-17	SB-FB-18
SAMPLE DATE:	04/03/1992	04/07/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	AQ	AQ	AQ
UPPER DEPTH:			
LOWER DEPTH:			
4,4'-DDD UG/L	0.1UY	0.1UY	0.1UY
4,4'-DDE UG/L	0.1UY	0.1UY	0.1UY
4,4'-DDT UG/L	0.1UY	0.1UY	0.1UY
ALDRIN UG/L	0.05UY	0.05UY	0.05UY
ALPHA-CHLORDANE UG/L	0.5UY	0.5UY	0.5UY
AROCOR-1016 UG/L	0.5UY	0.5UY	0.5UY
AROCOR-1221 UG/L	0.5UY	0.5UY	0.5UY
AROCOR-1232 UG/L	0.5UY	0.5UY	0.5UY
AROCOR-1242 UG/L	0.5UY	0.5UY	0.5UY
AROCOR-1248 UG/L	0.5UY	0.5UY	0.5UY
AROCOR-1254 UG/L	1UY	1UY	1UY
AROCOR-1260 UG/L	1UY	1UY	1UY
BHC-ALPHA UG/L	0.05UY	0.05UY	0.05UY
BHC-BETA UG/L	0.05UY	0.05UY	0.05UY
BHC-DELTA UG/L	0.05UY	0.05UY	0.05UY
BHC GAMMA(LINDANE) UG/L	0.05UY	0.05UY	0.05UY
DIELDRIN UG/L	0.1UY	0.1UY	0.1UY
ENDOSULFAN I UG/L	0.05UY	0.05UY	0.05UY
ENDOSULFAN II UG/L	0.1UY	0.1UY	0.1UY
ENDOSULFAN SULFATE UG/L	0.1UY	0.1UY	0.1UY
ENDRIN UG/L	0.1UY	0.1UY	0.1UY
ENDRIN KETONE UG/L	0.1UY	0.1UY	0.1UY
GAMMA-CHLORDANE UG/L	0.5UY	0.5UY	0.5UY
HEPTACHLOR UG/L	0.05UY	0.05UY	0.05UY
HEPTACHLOR EPOXIDE UG/L	0.05UY	0.05UY	0.05UY
METHOXYCHLOR UG/L	0.5UY	0.5UY	0.5UY
TOXAPHENE UG/L	1UY	1UY	1UY

NN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
I = less than detection limit, D = detected, J = estimated, R = unusable,
N = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-16	FB-17	FB-18
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SB-FB-16	SB-FB-17	SB-FB-18
SAMPLE DATE:	04/03/1992	04/07/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	AQ	AQ	AQ
UPPER DEPTH:			
LOWER DEPTH:			
1,2,4-TRICHLOROBENZENE UG/L	10UJ	10UYJ	10UY
1,2-DICHLOROBENZENE UG/L	10UY	10UYJ	10UY
1,2-DIPHENYLHYDRAZINE			
1,3-DICHLOROBENZENE UG/L	10UY	10UYJ	10UY
1,4-DICHLOROBENZENE UG/L	10UY	10UYJ	10UY
2,4,5-TRICHLOROPHENOL UG/L	50UY	50UYJ	50UY
2,4,6-TRICHLOROPHENOL UG/L	10UY	10UYJ	10UY
2,4-DICHLOROPHENOL UG/L	10UY	10UYJ	10UY
2,4-DIMETHYLPHENOL UG/L	10UY	10UYJ	10UY
2,4-DINITROPHENOL UG/L	50UY	50UYJ	50UY
2,4-DINITROTOLUENE UG/L	10UY	10UYJ	10UY
2,6-DINITROTOLUENE UG/L	10UY	10UYJ	10UY
2-CHLORONAPHTHALENE UG/L	10UY	10UYJ	10UY
2-CHLOROPHENOL UG/L	10UY	10UYJ	10UY
2-METHYLNAPHTHALENE UG/L	10UY	10UYJ	10UY
2-METHYLPHENOL UG/L	10UY	10UYJ	10UY
2-NITROANILINE UG/L	50UY	50UYJ	50UY
2-NITROPHENOL UG/L	10UY	10UYJ	10UY
3,3'-DICHLOROBENZIDINE UG/L	20UYJ	20UYJ	20UY
3-NITROANILINE UG/L	50UY	50UYJ	50UY
4,6-DINITRO-2-METHYLPHENOL UG/L	50UY	50UYJ	50UY
4-BROMOPHENYL PHENYL ETHER UG/L	10UY	10UYJ	10UY
4-CHLORO-3-METHYLPHENOL UG/L	10UY	10UYJ	10UY
4-CHLOROANILINE UG/L	10UY	10UYJ	10UY
4-CHLOROPHENYL PHENYL ETHER UG/L	10UY	10UYJ	10UY
4-METHYLPHENOL UG/L	10UY	10UYJ	10UY
4-NITROANILINE UG/L	50UYJ	50UYJ	50UY
4-NITROPHENOL UG/L	50UY	50UYJ	50UY
ACENAPHTHENE UG/L	10UY	10UYJ	10UY
ACENAPHTHYLENE UG/L	10UY	10UYJ	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

DMS CHEMICAL OBSERVATIONS MATRIX
TEPA: MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-16	FB-17	FB-18
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SB-FB-16	SB-FB-17	SB-FB-18
SAMPLE DATE:	04/03/1992	04/07/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	AQ	AQ	AQ
UPPER DEPTH:			
LOWER DEPTH:			
ANTHRACENE UG/L	10UY	10UYJ	10UY
BENZO(A)ANTHRACENE UG/L	10UY	10UYJ	10UY
BENZO(A)PYRENE UG/L	10UY	10UYJ	10UY
BENZO(B)FLUORANTHENE UG/L	10UY	10UYJ	10UY
BENZO(GHI)PERYLENE UG/L	10UY	10UYJ	10UY
BENZO(K)FLUORANTHENE UG/L	10UY	10UYJ	10UY
BENZOIC ACID UG/L	50UY	50UYJ	50UY
BENZYL ALCOHOL UG/L	10UY	10UYJ	10UY
BENZYL BUTYL PHTHALATE UG/L	10UY	10UYJ	10UY
BIS(2-CHLOROETHOXY) METHANE UG/L	10UY	10UYJ	10UY
BIS(2-CHLOROETHYL) ETHER UG/L	10UY	10UYJ	10UY
BIS(2-CHLOROISOPROPYL) ETHER UG/L	10UY	10UYJ	10UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	6DYJ	10UYJ	10UY
CAFFEINE UG/L	10UYJ	10UYJ	10UY
CHRYSENE UG/L	10UY	10UYJ	10UY
DI-N BUTYL PHTHALATE UG/L	10UY	10UYJ	10UY
DI-N-OCTYL PHTHALATE UG/L	10UY	10UYJ	10UY
DIBENZO(A,H)ANTHRACENE UG/L	10UY	10UYJ	10UY
DIBENZOFURAN UG/L	10UY	10UYJ	10UY
DIETHYL PHTHALATE UG/L	10UY	10UYJ	10UY
DIMETHYL PHTHALATE UG/L	10UY	10UYJ	10UY
FLUORANTHENE UG/L	10UY	10UYJ	10UY
FLUORENE UG/L	10UY	10UYJ	10UY
HEXACHLOROBENZENE UG/L	10UY	10UYJ	10UY
HEXACHLOROBUTADIENE UG/L	10UY	10UYJ	10UY
HEXACHLOROCYCLOPENTADIENE UG/L	10UY	10UYJ	10UY
HEXACHLOROETHANE UG/L	10UY	10UYJ	10UY
INDENO(1,2,3-CD)PYRENE UG/L	10UY	10UYJ	10UY
ISOPHORONE UG/L	10UY	10UYJ	10UY
N-NITROSODIPHENYLAMINE UG/L	10UY	10UYJ	10UY

NN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
= less than detection limit, D = detected, J = estimated, R = unusable,
N = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-16	FB-17	FB-18
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SB-FB-16	SB-FB-17	SB-FB-18
SAMPLE DATE:	04/03/1992	04/07/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	AQ	AQ	AQ
UPPER DEPTH:			
LOWER DEPTH:			
N-NITROSODIPROPYLAMINE UG/L	10UY	10UYJ	10UY
NAPHTHALENE UG/L	10UY	10UYJ	10UY
NITROBENZENE UG/L	10UY	10UYJ	10UY
PENTACHLOROPHENOL UG/L	50UY	50UYJ	50UY
PHENANTHRENE UG/L	10UY	10UYJ	10UY
PHENOL UG/L	10UY	10UYJ	10UY
PYRENE UG/L	10UY	10UYJ	10UY
a-PINENE UG/L	10UYJ	10UYJ	10UY
d-LIMONENE UG/L	10UYJ	10UYJ	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

DMS CHEMICAL OBSERVATIONS MATRIX
LEBAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: VOLATILE ORGANICS

SAMPLE ID:	FB-16	FB-17	FB-18
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SB-FB-16	SB-FB-17	SB-FB-18
SAMPLE DATE:	04/03/1992	04/07/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	AQ	AQ	AQ
UPPER DEPTH:			
LOWER DEPTH:			
1,1,1-TRICHLOROETHANE UG/L	5UY	5UY	2DYJ
1,1,2,2-TETRACHLOROETHANE UG/L	5UY	5UY	5UY
1,1,2-TRICHLOROETHANE UG/L	5UY	5UY	5UY
1,1-DICHLOROETHANE UG/L	5UY	5UY	5UY
1,1-DICHLOROETHENE UG/L	5UY	5UY	5UY
1,2-DICHLOROETHANE UG/L	5UY	5UY	5UY
1,2-DICHLOROETHENE (TOTAL) UG/L	5UY	5UY	5UY
1,2-DICHLOROPROPANE UG/L	5UY	5UY	5UY
2-BUTANONE UG/L	UYR	UYR	UYR
2-HEXANONE UG/L	10UY	10UY	10UY
4-METHYL-2-PENTANONE UG/L	10UY	10UY	10UY
ACETONE UG/L	10UYJ	10UYJ	10UYJ
BENZENE UG/L	5UY	5UY	5UY
BROMODICHLOROMETHANE UG/L	5UY	5UY	5UY
BROMOFORM UG/L	5UY	5UY	5UY
BROMOMETHANE UG/L	10UY	10UY	10UY
CARBON DISULFIDE UG/L	5UY	5UY	5UY
CARBON TETRACHLORIDE UG/L	5UY	5UY	5UY
CHLOROBENZENE UG/L	5UY	5UY	5UY
CHLOROETHANE UG/L	10UY	10UY	10UY
CHLOROFORM UG/L	5UY	5UY	5UY
CHLOROMETHANE UG/L	10UY	10UY	10UY
CIS-1,3-DICHLOROPROPENE UG/L	5UY	5UY	5UY
DIBROMOCHLOROMETHANE UG/L	5UY	5UY	5UY
ETHYLBENZENE UG/L	5UY	5UY	5UY
METHYLENE CHLORIDE UG/L	4DYJ	3DYJ	2DYJ
STYRENE UG/L	5UY	5UY	5UY
TETRACHLOROETHENE UG/L	5UY	5UY	5UY
TOLUENE UG/L	5UY	5UY	5UY
TRANS-1,3-DICHLOROPROPENE UG/L	5UY	5UY	5UY

IN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

= less than detection limit, D = detected, J = estimated, R = unusable,

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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: VOLATILE ORGANICS.

SAMPLE ID:	FB-16	FB-17	FB-18
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SB-FB-16	SB-FB-17	SB-FB-18
SAMPLE DATE:	04/03/1992	04/07/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	AQ	AQ	AQ
UPPER DEPTH:	.		
LOWER DEPTH:			
TRICHLOROETHENE UG/L	5UY	5UY	5UY
VINYL ACETATE UG/L	10UY	10UY	10UY
VINYL CHLORIDE UG/L	10UY	10UY	10UY
XYLENE (TOTAL) UG/L	5UY	5UY	5UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN - AQUEOUS BLANKS LITHIUM RESULTS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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 12/23/92
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SAMPLE ID	SUB SAMPLE	STATION ID	SAMPLE DATE/TIME	SAMPLE MATRIX	UPPER DEPTH	LOWER DEPTH	LITHIUM
BM-FB-03	00000	BM-FB-03	08/04/1992:	AQ			9UY UG/L
FB-01	00000	SB-FB-01	02/12/1992:	AQ			8.8UY UG/L
FB-12	00000	SB-FB-12	03/30/1992:	AQ			8.8UYJ UG/L
FB-13	00000	SB-FB-13	03/31/1992:	AQ			8.8UY UG/L
FB-14	00000	SB-FB-14	04/01/1992:	AQ			9UY UG/L

FB-15	00000	SB-FB-15	04/02/1992:	AQ			8.8UY UG/L
FB-16	00000	SB-FB-16	04/03/1992:	AQ			9UY UG/L
FB-17	00000	SB-FB-17	04/07/1992:	AQ			9UY UG/L
FB-18	00000	SB-FB-18	04/08/1992:	AQ			9UY UG/L
GW-FB-01	00000	GW-FB-01	07/22/1992:	AQ			9UY UG/L

GW-FB-02	00000	GW-FB-02	07/27/1992:	AQ			9UY UG/L
GW-FB-03	00000	GW-FB-03	07/29/1992:	AQ			9UYJ UG/L
GW-FB-04	00000	GW-FB-04	07/30/1992:	AQ			110YJ UG/L
SD-FB-01	00000	SD-FB-01	07/20/1992:	AQ			9UYJ UG/L
SW-FB-03	00000	SW-FB-03	07/24/1992:	AQ			9UY UG/L

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN - SEDIMENTS LITHIUM RESULTS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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 PAGE: 1

SAMPLE ID	SUB SAMPLE	STATION ID	SAMPLE DATE/TIME	SAMPLE MATRIX	UPPER DEPTH	LOWER DEPTH	LITHIUM
BMSD01-01	00-01	BMSD01	08/04/1992:	SD	0.00	1.00	2.4UY MG/KG
BMSD01-01	01-03	BMSD01	08/04/1992:	SD	1.00	3.00	3.4UY MG/KG
BMSD01-01	03-04	BMSD01	08/04/1992:	SD	3.00	4.00	6.3DYJ MG/KG
BMSD01D-01	01-03	BMSD01D	08/04/1992:	SD	1.00	3.00	3.5DYJ MG/KG
SD01-01	00000	SD01	07/21/1992:	SD			8.8DYJ MG/KG
SD02-01	00000	SD02	07/24/1992:	SD			6.7DY MG/KG
SD03-01	00000	SD03	07/20/1992:	SD			31.6DYJ MG/KG
SD04-01	00000	SD04	07/21/1992:	SD			15.5DYJ MG/KG
SD05-01	00000	SD05	07/20/1992:	SD			7.4DY MG/KG
SD05D-01	00000	SD05D	07/20/1992:	SD			5.5DY MG/KG
SD06-01	00000	SD06	07/20/1992:	SD			5.6DYJ MG/KG

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN - SURFACE WATER LITHIUM RESULTS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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 12/23/92
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SAMPLE ID	SUB SAMPLE	STATION ID	SAMPLE DATE/TIME	SAMPLE MATRIX	UPPER DEPTH	LOWER DEPTH	LITHIUM
SW01-01	00000	SW01	07/21/1992:	SW			140YJ UG/L
SW02-01	00000	SW02	07/24/1992:	SW			90YJ UG/L
SW03-01	00000	SW03	07/20/1992:	SW			170YJ UG/L
SW04-01	00000	SW04	07/21/1992:	SW			250YJ UG/L
SW05-01	00000	SW05	07/20/1992:	SW			90YJ UG/L
<hr/>							
SW06-01	00000	SW06	07/20/1992:	SW			380YJ UG/L
SW06D-01	00000	SW06D	07/20/1992:	SW			370YJ UG/L
SW07-01	00000	SW07	07/20/1992:	SW			90YJ UG/L

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

Metals and Cyanide

EDMS CHEMICAL SUMMARY STATISTICS
STEPAN MAYWOOD - SOIL BORINGS
DETECTED OBSERVATIONS ONLY
SAMPLE ANALYSIS: METAL

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
AL	ALUMINUM	MG/KG	130	130	1.0000	156.000	24,100.000	5,176.377	3,141.495
SB	ANTIMONY	MG/KG	130	48	0.3692	2.100	18.900	3.890	2.981
AS	ARSENIC	MG/KG	130	130	1.0000	0.650	105.000	7.506	15.189
BA	BARIUM	MG/KG	130	130	1.0000	13.900	1,670.000	132.155	176.460
BE	BERYLLIUM	MG/KG	130	108	0.8308	0.070	1.800	0.674	0.381
CD	CADMIUM	MG/KG	121	11	0.0909	0.690	4.000	1.755	0.941
CA	CALCIUM	MG/KG	130	130	1.0000	341.000	286,000.000	17,062.862	45,905.614
CR	CHROMIUM	MG/KG	122	119	0.9754	3.100	2,440.000	92.219	277.483
CO	COBALT	MG/KG	130	58	0.4462	1.800	15.900	4.817	1.950
CU	COPPER	MG/KG	116	112	0.9655	2.100	358.000	34.299	54.651
CN	CYANIDE	MG/KG	130	12	0.0923	0.470	157.000	42.853	57.551
FE	IRON	MG/KG	126	126	1.0000	415.000	30,200.000	7,924.230	3,597.718
PB	LEAD	MG/KG	125	125	1.0000	2.400	1,050.000	81.298	169.740
LI	LITHIUM	MG/KG	61	59	0.9672	2.000	810.000	61.959	147.325
MG	MAGNESIUM	MG/KG	130	130	1.0000	54.600	10,800.000	1,476.903	1,284.316
MN	MANGANESE	MG/KG	126	126	1.0000	3.700	750.000	176.458	130.915
HG	MERCURY	MG/KG	129	44	0.3411	0.060	4.800	0.503	0.781
NI	NICKEL	MG/KG	127	119	0.9370	2.600	54.100	10.167	6.775
K	POTASSIUM	MG/KG	130	127	0.9769	52.300	1,770.000	543.514	284.353
SE	SELENIUM	MG/KG	125	35	0.2800	0.240	3.000	0.687	0.622
AG	SILVER	MG/KG	130	27	0.2077	0.240	0.670	0.426	0.109
NA	SODIUM	MG/KG	116	115	0.9914	22.200	3,050.000	293.503	461.666
TL	THALLIUM	MG/KG	130	29	0.2231	0.230	0.740	0.464	0.150
V	VANADIUM	MG/KG	114	109	0.9561	2.000	63.200	16.246	10.700
ZN	ZINC	MG/KG	127	127	1.0000	5.400	735.000	55.345	80.400

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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SAMPLE ID:	BM-01	BM2-01	BM3-01	BM3-01	BM3D-01
SUB-SAMPLE ID:	A	A	A	B	DUP
STATION ID:	BM	BM2	BM3	BM3	BM3D
SAMPLE DATE:	02/25/1992	08/04/1992	08/04/1992	08/04/1992	08/04/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	0.00	1.00	3.00	1.00
LOWER DEPTH:	1.00	1.00	3.00	4.00	3.00
ALUMINUM MG/KG	156DY	1870DYJ	263DYJ	6090DYJ	249DYJ
ANTIMONY MG/KG	3.4UY	1.9UY	2.6UY	4UYJ	2.7UY
ARSENIC MG/KG	0.78DYJ	1.7DYJ	0.93DYJ	5.5DYJ	1.2DYJ
BARIUM MG/KG	449DY	241DYJ	238DYJ	1670DYJ	275DYJ
BERYLLIUM MG/KG	0.37UY	0.54UY	0.74UY	1.1DYJ	0.78UY
CADMIUM MG/KG	1.9UY	1.4UY	1.9UY	DYR	1.9UY
CALCIUM MG/KG	286000DYJ	181000DYJ	261000DYJ	649000DYJ	248000DYJ
CHROMIUM MG/KG	3.4UY	3.3DY	2.2UY	11.5DYJ	2.3UY
COBALT MG/KG	9.7UY	6UY	8.2UY	12.6UYJ	8.5UY
COPPER MG/KG	76.6DY	62.9DY	39.5DY	114DYJ	34.5DY
CYANIDE MG/KG	3.6DY	119DY	111DY	157DYJ	102DY
IRON MG/KG	415DY	2580DY	510DY	6490DYJ	438DY
LEAD MG/KG	263DYJ	307DY	201DY	480DYJ	207DY
LITHIUM MG/KG		2.4UY	3.4UY	6.3DYJ	3.5DYJ
MAGNESIUM MG/KG	54.6DYJ	316DYJ	66.7DYJ	695DYJ	89.1DYJ
MANGANESE MG/KG	3.7DYJ	38.6DY	7.8DY	135DYJ	7DY
MERCURY MG/KG	0.08UY	DYR	0.09UY	0.59DYJ	0.1UY
NICKEL MG/KG	8.6DYJ	9.5DYJ	8.6DYJ	26.4DYJ	9.7DYJ
POTASSIUM MG/KG	52.3DYJ	101DYJ	22.7UY	167DYJ	23.6UY
SELENIUM MG/KG	3.7UYJ	UYR	UYR	DYR	UYR
SILVER MG/KG	0.52DYJ	0.27UYJ	0.37UYJ	0.57UYJ	0.39UYJ
SODIUM MG/KG	357DYJ	217DYJ	364DYJ	507DYJ	366DYJ
THALLIUM MG/KG	0.37UY	0.54UYJ	0.74UYJ	1.1UYJ	0.78UYJ
VANADIUM MG/KG	8.6UY	22.3DY	26.4DY	63.2DYJ	27.5DY
ZINC MG/KG	25.4DY	39.7DY	26.4DY	167DYJ	17.8DY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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SAMPLE ID:	C01-01	C01-01	C01-01	C01-01D	C02-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C01	C01	C01	C01	C02
SAMPLE DATE:	03/30/1992	03/30/1992	03/30/1992	03/30/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	0.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	2.00
ALUMINUM MG/KG	4810DY	4160DY	5130DY	5830DY	4860DY
ANTIMONY MG/KG	1.6UYJ	2.8UYJ	2.5UYJ	1.8UYJ	2.1UY
ARSENIC MG/KG	5.8DY	0.83DYJ	1.50YJ	3.6DY	1.6DYJ
BARIUM MG/KG	45.30YJ	39.60YJ	64.7DY	50.4DYJ	44.40YJ
BERYLLIUM MG/KG	1.2DY	0.42DYJ	0.37DYJ	1DYJ	0.92UY
CADMIUM MG/KG	1.2UY	0.6UY	0.66UY	1.3UY	1.2UY
CALCIUM MG/KG	5760DYJ	1210DY	1830DY	10600DYJ	3710DY
CHROMIUM MG/KG	39.90YJ	9.3DY	7.4DY	45.9DYJ	25.5DY
COBALT MG/KG	3.50YJ	4.80YJ	3.50YJ	5DYJ	4.1DYJ
COPPER MG/KG	28.90YJ	7.5DY	5.7DY	23.7DYJ	15.7DY
CYANIDE MG/KG	0.29UY	0.25UY	0.2UY	0.32UY	0.29UY
IRON MG/KG	14500DY	7310DY	7990DY	12700DY	9920DY
LEAD MG/KG	53DY	6.7DYJ	7DYJ	33.9DY	UYR
LITHIUM MG/KG	10.70YJ	6.4DYJ	6.2DYJ	11.30YJ	4.80YJ
MAGNESIUM MG/KG	964DYJ	1140DY	1060DYJ	1910DY	1450DY
MANGANESE MG/KG	189DYJ	1440YJ	2110YJ	199DYJ	1950YJ
MERCURY MG/KG	0.19DY	0.08UY	0.08UY	0.1DYJ	0.05UY
NICKEL MG/KG	8.90YJ	8.4DYJ	5.6DYJ	10.3DY	7.1DYJ
POTASSIUM MG/KG	4010YJ	499DYJ	578DYJ	547DYJ	371DYJ
SELENIUM MG/KG	0.32DYJ	0.42UYJ	0.29UYJ	0.25UYJ	0.23UYJ
SILVER MG/KG	0.58DYJ	0.33UY	0.39UY	0.25UYJ	0.23UYJ
SODIUM MG/KG	UYR	UYR	UYR	UYR	170DY
THALLIUM MG/KG	0.23UY	0.46UYJ	0.32UYJ	0.25UY	0.23UY
VANADIUM MG/KG	UYR	12.1DY	8.8DYJ	UYR	10.1DYJ
ZINC MG/KG	205DYJ	19.3DYJ	20.4DYJ	97.4DYJ	35.7DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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SAMPLE ID:	C02-01	C03-01	C03-01	C04-01	C04-01
SUB-SAMPLE ID:	B	A	B	A	B
STATION ID:	C02	C03	C03	C04	C04
SAMPLE DATE:	04/08/1992	03/31/1992	03/31/1992	02/14/1992	02/14/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	0.00	2.00	3.00	5.00
LOWER DEPTH:	4.00	2.00	4.00	5.00	7.00
ALUMINUM MG/KG	8880DY	7420DY	3830DY	6150DY	4650DY
ANTIMONY MG/KG	2.1UY	2.5UYJ	2.5UYJ	2.3UYJ	2.3UYJ
ARSENIC MG/KG	2DYJ	2.4DY	1.3DYJ	0.92DYJ	0.95DYJ
BARIUM MG/KG	42.80YJ	82DY	64.1DY	30.80YJ	27.60YJ
BERYLLIUM MG/KG	0.93DYJ	0.5DYJ	0.48DYJ	0.31DYJ	0.35DYJ
CADMIUM MG/KG	1.2UY	0.68UY	0.67UY	0.61UY	0.61UY
CALCIUM MG/KG	1070DYJ	2700DY	2310DY	6160YJ	8490YJ
CHROMIUM MG/KG	12.6DY	11DY	9.5DY	7.60YJ	5.4DYJ
COBALT MG/KG	60YJ	7.2DYJ	4.5DYJ	4.7DYJ	3.4DYJ
COPPER MG/KG	12.1DY	10.1DY	5.7DYJ	UYR	UYR
CYANIDE MG/KG	0.29UY	0.21UY	0.21UY	0.38UY	0.37UY
IRON MG/KG	16500DY	14100DY	8800DY	7410DY	6620DY
LEAD MG/KG	8DYJ	5.1DYJ	5.2DYJ	3.5DY	4.7DY
LITHIUM MG/KG	9.8DYJ	21.6DY	6.8DYJ		
MAGNESIUM MG/KG	1940DY	1460DY	972DYJ	1170DY	1190DY
MANGANESE MG/KG	412DYJ	466DYJ	386DYJ	380DYJ	2550YJ
MERCURY MG/KG	0.05UY	0.08UY	0.08UY	0.08UY	0.07UY
NICKEL MG/KG	11.9DY	9.3DY	7.7DYJ	UYR	UYR
POTASSIUM MG/KG	7440YJ	5770YJ	6190YJ	3520YJ	3170YJ
SELENIUM MG/KG	0.23UYJ	0.28UYJ	0.28UYJ	0.27UYJ	0.27UYJ
SILVER MG/KG	0.23UYJ	0.44DYJ	0.67DYJ	0.36UY	0.36UY
SODIUM MG/KG	156DYJ	402DYJ	314DYJ	277DYJ	312DYJ
THALLIUM MG/KG	0.23DYJ	0.39UYJ	0.38UY	0.35UYJ	0.34UYJ
VANADIUM MG/KG	15.8DYJ	18.3DY	10.5DYJ	9.8DYJ	7.4DYJ
ZINC MG/KG	30DYJ	35DYJ	24.5DYJ	UYR	UYR

NNK+/ XXABCCDD POSITIONALLY N=VALUE, (+/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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SAMPLE ID:	C04-01	C05-01	C05-01	C06-01	C07-01
SUB-SAMPLE ID:	C	A	B	A	A
STATION ID:	C04	C05	C05	C06	C07
SAMPLE DATE:	02/14/1992	02/12/1992	02/12/1992	04/08/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	0.00	2.00	0.00	2.00
LOWER DEPTH:	9.00	2.00	4.00	2.00	4.00
ALUMINUM MG/KG	407LDY	13300DY	3510DY	5340DY	7530DY
ANTIMONY MG/KG	2.3UYJ	2.4UYJ	2.4UYJ	2.1UY	2.1UYJ
ARSENIC MG/KG	0.76DYJ	2.3DY	1.3DYJ	7.5DYJ	53.3DYJ
BARIUM MG/KG	30.7DYJ	62.6DY	26.5DYJ	77.6DY	184DYJ
BERYLLIUM MG/KG	0.57DYJ	0.34DYJ	0.39DYJ	0.94UY	1.5DY
CADMIUM MG/KG	0.61UY	0.65UY	0.64UY	1.6DY	1.5UY
CALCIUM MG/KG	1280DYJ	20600DY	3200DY	3720DY	95300DYJ
CHROMIUM MG/KG	7.6DYJ	762DY	22.2DY	35.1DY	548DYJ
COBALT MG/KG	4.4DYJ	15.9DY	5.1DYJ	6.8DYJ	4.2UY
COPPER MG/KG	UYR	72.7DY	11.7DY	20.9DY	196DYJ
CYANIDE MG/KG	0.38UY	0.4UY	0.47DYJ	0.29UY	0.38UY
IRON MG/KG	6710DY	UYR	UYR	10900DY	6320DY
LEAD MG/KG	5.7DY	UYR	UYR	23.6DYJ	130DY
LITHIUM MG/KG		34.4DY	10.8DY	24.5DYJ	255DYJ
MAGNESIUM MG/KG	1430DY	9950DY	1190DY	814DYJ	1120DYJ
MANGANESE MG/KG	196DYJ	UYR	UYR	98.8DYJ	123DYJ
MERCURY MG/KG	0.07UY	0.17DYJ	0.08UYJ	0.05UY	0.13DYJ
NICKEL MG/KG	UYR	26.7DY	7.2DYJ	7.1DYJ	21.2DY
POTASSIUM MG/KG	586DYJ	2790DYJ	508DYJ	445DYJ	1150DYJ
SELENIUM MG/KG	0.27UYJ	0.29UY	0.28UY	0.24UYJ	0.3UYJ
SILVER MG/KG	0.36UY	0.38UY	0.38UY	0.24UYJ	0.3UYJ
SODIUM MG/KG	289DYJ	UYR	533DYJ	256DYJ	1840DY
THALLIUM MG/KG	0.35UYJ	0.37UYJ	0.36UY	0.24UYJ	0.3UY
VANADIUM MG/KG	6DYJ	42.7DY	13.8DY	8DYJ	UYR
ZINC MG/KG	UYR	124DY	38.5DY	59.8DYJ	63.8DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C07-01	C07-01	C07-01	C08-01	C08-01
SUB-SAMPLE ID:	B	C	D	A	B
STATION ID:	C07	C07	C07	C08	C08
SAMPLE DATE:	03/31/1992	03/31/1992	03/31/1992	03/31/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	5.00	7.00	0.00	2.00
LOWER DEPTH:	5.00	7.00	8.00	2.00	4.00
ALUMINUM MG/KG	7620DY	2890DY	1610DY	6010DY	5060DY
ANTIMONY MG/KG	1.9UYJ	1.6UYJ	2.8DYJ	1.7UYJ	1.8UYJ
ARSENIC MG/KG	11.7DY	4.3DY	2.1DYJ	22.6DY	3.6DY
BARIUM MG/KG	267DYJ	103DYJ	24.1DYJ	200DYJ	224DYJ
BERYLLIUM MG/KG	1.1DYJ	0.68DYJ	0.15DYJ	1.2DYJ	0.78DYJ
CADMIUM MG/KG	1.4UY	1.1UY	0.69UY	1.2UY	1.3UY
CALCIUM MG/KG	13000DYJ	1830DYJ	1260DY	12900DYJ	4440DYJ
CHROMIUM MG/KG	61.6DYJ	UYR	402DY	140DYJ	22DYJ
COBALT MG/KG	3.9UY	3.6DYJ	2.8DYJ	7.2DYJ	3.6UY
COPPER MG/KG	30.8DYJ	7DYJ	5.8DYJ	104DYJ	17.9DYJ
CYANIDE MG/KG	0.34UY	0.28UY	0.21UY	0.31UY	0.32UY
IRON MG/KG	5580DY	6770DY	4530DY	10400DY	6360DY
LEAD MG/KG	41.6DY	4.7DY	2.4DYJ	229DY	16.4DY
LITHIUM MG/KG	29.2DYJ	9.7DYJ	9.4DYJ	72.8DYJ	14.5DYJ
MAGNESIUM MG/KG	828DYJ	1210DY	801DYJ	2920DY	1490DY
MANGANESE MG/KG	94.9DYJ	47.4DYJ	62.2DYJ	150DYJ	98.8DYJ
MERCURY MG/KG	0.11DYJ	0.05UY	0.08UY	0.06UY	0.06UY
NICKEL MG/KG	12.9DY	5.6DYJ	8.8DYJ	20.8DY	10.6DY
POTASSIUM MG/KG	1090DYJ	643DYJ	433DYJ	314DYJ	376DYJ
SELENIUM MG/KG	0.86DYJ	0.23UYJ	0.28UYJ	0.25UYJ	0.26UYJ
SILVER MG/KG	0.28UYJ	0.23UYJ	0.41DYJ	0.25UYJ	0.29DYJ
SODIUM MG/KG	237DYJ	99.8DYJ	177DYJ	490DYJ	169DYJ
THALLIUM MG/KG	0.28UY	0.23UY	0.39UY	0.25UY	0.26UY
VANADIUM MG/KG	UYR	UYR	5.2DYJ	UYR	UYR
ZINC MG/KG	79.8DYJ	21.4DYJ	17.9DYJ	300DYJ	32.2DYJ

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SAMPLE ID:	C09-01	C09-01	C10-01	C10-01	C10-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C09	C09	C10	C10	C10
SAMPLE DATE:	04/03/1992	04/03/1992	04/03/1992	04/03/1992	04/03/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	4.00	2.00	4.00	6.00
LOWER DEPTH:	2.00	6.00	3.00	6.00	8.00
ALUMINUM MG/KG	4810DY	4330DY	2710DY	3140DY	4050DY
ANTIMONY MG/KG	4.80YJ	1.6UYJ	1.9UYJ	3.50YJ	2.60YJ
ARSENIC MG/KG	15DY	0.74DYJ	2.7DY	10.4DY	3.4DY
BARIUM MG/KG	374DYJ	59.10YJ	151DYJ	150DY	139DY
BERYLLIUM MG/KG	1.8DY	0.46DYJ	0.54UY	0.30YJ	0.33DYJ
CADMIUM MG/KG	2.4DY	1.2UY	1.3UY	0.66UY	0.66UY
CALCIUM MG/KG	33600DYJ	5100DYJ	8420DYJ	1620DY	2040DY
CHROMIUM MG/KG	219DYJ	13.9DYJ	46.1DYJ	9.9DY	8.2DY
COBALT MG/KG	7.3DYJ	3.2UY	3.8UY	3.7DYJ	4.8DYJ
COPPER MG/KG	358DYJ	56.5DYJ	UYR	5.60YJ	9.8DY
CYANIDE MG/KG	0.33UY	0.29UY	0.34UY	0.21UY	0.2UY
IRON MG/KG	30200DY	8900DY	4100DY	7120DY	9490DY
LEAD MG/KG	337DY	9.2DY	42.7DY	13.5DYJ	4.2DYJ
LITHIUM MG/KG	116DYJ	10.7DYJ	13.9DYJ	11.3DYJ	9.1DYJ
MAGNESIUM MG/KG	3500DY	2430DY	324DYJ	1150DY	1900DY
MANGANESE MG/KG	295DYJ	67.2DYJ	23.9DYJ	41.6DYJ	109DYJ
MERCURY MG/KG	1.6DY	0.07DYJ	0.2DY	0.08UY	0.08UY
NICKEL MG/KG	54.1DY	11.8DY	5.9DYJ	8.8DYJ	13.5DYJ
POTASSIUM MG/KG	444DYJ	264DYJ	139DYJ	503DYJ	695DYJ
SELENIUM MG/KG	0.26UYJ	0.23UYJ	0.27UYJ	0.27UYJ	0.27UYJ
SILVER MG/KG	0.26UYJ	0.23UYJ	0.27UYJ	0.41DYJ	0.39UY
SODIUM MG/KG	719DYJ	260DYJ	139DYJ	160DYJ	184DYJ
THALLIUM MG/KG	0.71DYJ	0.58DYJ	0.56DYJ	0.37UY	0.37UY
VANADIUM MG/KG	UYR	UYR	UYR	22.9DY	14.4DY
ZINC MG/KG	735DYJ	41.7DYJ	24.4DYJ	22.4DYJ	26.5DYJ

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SAMPLE ID:	A	B	C	DUP	A
SUB-SAMPLE ID:	C11	C11	C11	C11	C12
STATION ID:					
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	02/27/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	5.00	7.00	5.00	0.50
LOWER DEPTH:	5.00	7.00	9.00	7.00	2.50
ALUMINUM MG/KG	2770DY	3170DY	5610DY	2920DY	4760DY
ANTIMONY MG/KG	2.3UYJ	2.1UYJ	4.3DYJ	2.1UYJ	2.4UYJ
ARSENIC MG/KG	2.80Y	10YJ	20YJ	0.910YJ	1.90YJ
BARIUM MG/KG	58.50YJ	1090YJ	2090YJ	1160YJ	85DY
BERYLLIUM MG/KG	0.50YJ	0.470YJ	1.20YJ	0.70YJ	0.290YJ
CADMIUM MG/KG	1.3UY	1.2UY	1.2UY	1.2UY	0.64UY
CALCIUM MG/KG	19500Y	14200Y	20000Y	13200Y	28400Y
CHROMIUM MG/KG	1230YJ	9.70YJ	10.90YJ	7.30YJ	11.10YJ
COBALT MG/KG	4.3UY	4UY	4.50YJ	4UY	4.80YJ
COPPER MG/KG	20.70Y	7.10Y	13.10Y	7DY	UYR
CYANIDE MG/KG	0.32UY	0.3UY	0.3UY	0.29UY	0.2UY
IRON MG/KG	5570DY	4620DY	11800DY	3860DY	10900DY
LEAD MG/KG	30.1DY	5.6DY	4.4DYJ	8.4DY	5.7DY
LITHIUM MG/KG					7.10YJ
MAGNESIUM MG/KG	1020DYJ	1140DYJ	2310DY	940DYJ	2260DY
MANGANESE MG/KG	119DY	34.8DY	85.3DY	29DY	263DYJ
MERCURY MG/KG	0.090YJ	0.06UY	0.05UY	0.05UY	0.07UY
NICKEL MG/KG	5.3DYJ	9DYJ	14.5DY	5.8DYJ	7.6DYJ
POTASSIUM MG/KG	1820YJ	2320YJ	537DYJ	196DYJ	849DYJ
SELENIUM MG/KG	0.260YJ	0.24UYJ	0.310YJ	0.23UYJ	0.26UYJ
SILVER MG/KG	0.25UY	0.24UY	0.24UY	0.23UY	0.390YJ
SODIUM MG/KG	37.6DYJ	22.2DYJ	54.6DYJ	14.5UY	UYR
THALLIUM MG/KG	0.25UY	0.24UY	0.24UY	0.23UY	0.37UY
VANADIUM MG/KG	11.9DYJ	10.2DYJ	14.7DYJ	8.2DYJ	15DY
ZINC MG/KG	77.2DYJ	20.4DYJ	29.5DYJ	20.8DYJ	23.9DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C12-01	C13-01	C13-01	C13-01	C14-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C12	C13	C13	C13	C14
SAMPLE DATE:	04/02/1992	03/30/1992	03/30/1992	03/30/1992	03/31/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	1.00	3.00	5.00	2.00
LOWER DEPTH:	4.50	3.00	5.00	7.00	4.00
ALUMINUM MG/KG	5220DY	4660DY	3550DY	2620DY	11100DY
ANTIMONY MG/KG	2.4UYJ	3.30YJ	2.70YJ	2.4UYJ	2.3UYJ
ARSENIC MG/KG	2.10YJ	3.20Y	1.10YJ	1.10YJ	7.30Y
BARIUM MG/KG	85.3DY	430YJ	52.8DY	49.9DY	111DYJ
BERYLLIUM MG/KG	0.290YJ	0.4DYJ	0.430YJ	0.390YJ	1.60YJ
CADMIUM MG/KG	0.690YJ	0.67UY	0.65UY	0.63UY	1.6UY
CALCIUM MG/KG	3350DY	6300DY	2360DY	12400DY	82200DYJ
CHROMIUM MG/KG	12.40YJ	19.2DY	8.5DY	4.4DY	477DYJ
COBALT MG/KG	4.9DYJ	7.8DYJ	4.8DYJ	4.2DYJ	4.6UY
COPPER MG/KG	UYR	18.5DY	9.5DY	4.60YJ	1960YJ
CYANIDE MG/KG	0.2UY	0.21UY	0.2UY	0.2UY	0.41UY
IRON MG/KG	11400DY	10100DY	6490DY	4860DY	4410DY
LEAD MG/KG	6.1DY	20.90YJ	7.30YJ	5.50YJ	168DY
LITHIUM MG/KG	7DYJ	21.3DY	9.2DYJ	8.1DYJ	329DYJ
MAGNESIUM MG/KG	3020DY	1560DY	1220DY	1540DY	4050DY
MANGANESE MG/KG	2990YJ	7500YJ	2310YJ	1860YJ	130DYJ
MERCURY MG/KG	0.07UY	0.21DY	0.08UY	0.06UY	0.52DY
NICKEL MG/KG	12.20YJ	10.4DY	9.5DY	8.50YJ	21.4DY
POTASSIUM MG/KG	1040DYJ	732DYJ	798DYJ	1230DY	1610DYJ
SELENIUM MG/KG	0.26UYJ	0.29UYJ	0.29UYJ	0.28UYJ	0.33UYJ
SILVER MG/KG	0.38UY	0.57DYJ	0.38UY	0.37UY	0.33UYJ
SODIUM MG/KG	362DYJ	UYR	UYR	UYR	1950DY
THALLIUM MG/KG	0.37UY	0.32UYJ	0.31UYJ	0.3UYJ	0.33UY
VANADIUM MG/KG	17.1DY	11.7DY	8.2DYJ	5DYJ	1.6UY
ZINC MG/KG	32.5DYJ	49.5DYJ	23.9DYJ	20.1DYJ	84.5DYJ

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SAMPLE ID:	C14-01	C15-01	C15-01	C15-01	C16-01
SUB-SAMPLE ID:	B	A	B	C	A
STATION ID:	C14	C15	C15	C15	C16
SAMPLE DATE:	03/31/1992	02/26/1992	02/26/1992	02/26/1992	04/01/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	0.00	3.00	5.00	1.50
LOWER DEPTH:	6.00	2.00	5.00	7.00	2.50
ALUMINUM MG/KG	4740DY	6070DY	7890DY	3800DY	8070DY
ANTIMONY MG/KG	2.9DYJ	2UY	2.6UY	2.1UY	2.1UYJ
ARSENIC MG/KG	1.20YJ	1.9DYJ	13.9DY	1.30YJ	36.5DY
BARIUM MG/KG	188DY	36.5DYJ	584DY	108DY	121DYJ
BERYLLIUM MG/KG	0.44DYJ	0.88DYJ	1.5DY	0.46DYJ	0.91DYJ
CADMIUM MG/KG	0.67UY	1.1UY	2.6DY	1.1UY	1.5UY
CALCIUM MG/KG	2290DY	1480DYJ	8910DYJ	1280DYJ	5680DYJ
CHROMIUM MG/KG	14DY	11.4DY	223DY	8.2DY	250DYJ
COBALT MG/KG	4.1DYJ	5.7UY	7.6UY	5.9UY	4.2UY
COPPER MG/KG	8.6DY	12.8DY	82.4DY	5.5DYJ	103DYJ
CYANIDE MG/KG	0.21UY	0.28UY	0.37UY	0.28UY	0.38UY
IRON MG/KG	7500DY	11000DY	11800DY	5330DY	5650DY
LEAD MG/KG	6.9DYJ	18.4DYJ	154DYJ	3.9DYJ	105DY
LITHIUM MG/KG	18.1DY				810DYJ
MAGNESIUM MG/KG	1500DY	1920DY	1710DY	1460DY	1570DY
MANGANESE MG/KG	43.9DYJ	376DY	192DY	42.8DY	117DYJ
MERCURY MG/KG	0.08UY	0.05UY	0.37DY	0.05UY	1.7DY
NICKEL MG/KG	9DYJ	7DYJ	8.2DYJ	3.6DYJ	24.5DY
POTASSIUM MG/KG	636DYJ	405DYJ	355DYJ	264DYJ	819DYJ
SELENIUM MG/KG	0.27UYJ	0.22UYJ	0.82DYJ	0.23UYJ	0.3UYJ
SILVER MG/KG	0.39UY	0.24DYJ	0.41DYJ	0.23UY	0.3UYJ
SODIUM MG/KG	178DYJ	117DYJ	242DYJ	95.9DYJ	3050DY
THALLIUM MG/KG	0.38UY	0.22UY	0.29UY	0.23UY	0.3UY
VANADIUM MG/KG	21DY	19.6DY	38.4DY	12.5DY	UYR
ZINC MG/KG	27.2DYJ	29.5DYJ	189DYJ	21.6DYJ	125DYJ

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SAMPLE ID:	C16-01	C16-01	C17-01	C17-01	C17-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C16	C16	C17	C17	C17
SAMPLE DATE:	04/01/1992	04/01/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.00	0.00	2.00	3.00
LOWER DEPTH:	4.00	5.50	2.00	3.00	4.00
ALUMINUM MG/KG	6590DY	5490DY	6440DY	5490DY	4040DY
ANTIMONY MG/KG	2.7UYJ	1.7UYJ	4.4DYJ	3.9DYJ	2.1UY
ARSENIC MG/KG	15.3DY	1.3DYJ	20.9DYJ	11.7DYJ	1DYJ
BARIUM MG/KG	385DYJ	161DYJ	278DY	555DY	117DY
BERYLLIUM MG/KG	1.5DYJ	0.72DYJ	1.1UY	1.2UY	0.94UY
CADMIUM MG/KG	1.9UY	1.2UY	UYR	UYR	1.2UY
CALCIUM MG/KG	49700DYJ	4960DYJ	11400DY	12300DY	2250DY
CHROMIUM MG/KG	297DYJ	12.3DYJ	354DY	82.8DY	9.4DY
COBALT MG/KG	5.3UY	5.8DYJ	3.9DYJ	4.3UY	3.3UY
COPPER MG/KG	142DYJ	8.4DYJ	118DY	62.3DY	2.1DYJ
CYANIDE MG/KG	0.48UY	0.3UY	1.8DY	3.5DY	0.29UY
IRON MG/KG	10600DY	5610DY	12500DY	6870DY	5290DY
LEAD MG/KG	202DY	6.7DY	233DY	127DY	5.6DYJ
LITHIUM MG/KG	93.2DYJ	15.9DYJ	57.1DYJ	20.2DYJ	9.6DYJ
MAGNESIUM MG/KG	2770DY	1740DY	1030DYJ	1030DYJ	1170DYJ
MANGANESE MG/KG	287DYJ	166DYJ	179DYJ	120DY	510DY
MERCURY MG/KG	0.72DY	0.06UY	4.8DY	0.24DY	0.05UY
NICKEL MG/KG	30.9DY	10.8DY	12.9DY	10.7DYJ	4.2DYJ
POTASSIUM MG/KG	560DYJ	1010DYJ	394DYJ	313DYJ	371DYJ
SELENIUM MG/KG	2.1DYJ	0.24UYJ	0.47DYJ	2DYJ	0.24UYJ
SILVER MG/KG	0.57DYJ	0.24UYJ	0.28UYJ	0.31UYJ	0.24UYJ
SODIUM MG/KG	6510DY	125DYJ	346DYJ	178DYJ	61.6DYJ
THALLIUM MG/KG	0.38UY	0.24UY	0.28UY	0.31UYJ	0.24UY
VANADIUM MG/KG	UYR	UYR	29.5DY	39.9DYJ	7.3DYJ
ZINC MG/KG	174DYJ	27.9DYJ	168DYJ	107DYJ	28.9DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C18-01	C18-01	C19-01	C19-01	C19-01
SUB-SAMPLE ID:	A	B	A	B	C
STATION ID:	C18	C18	C19	C19	C19
SAMPLE DATE:	04/07/1992	04/07/1992	04/08/1992	04/08/1992	04/08/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	2.00	4.00
LOWER DEPTH:	2.00	4.00	2.00	4.00	6.00
ALUMINUM MG/KG	4200DY	2110DY	5430DY	4300DY	2430DY
ANTIMONY MG/KG	2.4UYJ	2UY	4DYJ	2.1UYJ	2.1UYJ
ARSENIC MG/KG	5.8DY	1.3DYJ	8.8DYJ	1.7DYJ	3DY
BARIUM MG/KG	147DY	59.4DY	314DY	186DY	87.9DY
BERYLLIUM MG/KG	0.53DYJ	0.89UY	1.2UY	0.69DYJ	0.46DYJ
CADMIUM MG/KG	UYR	1.1UY	2.3DY	0.92UYJ	0.92UYJ
CALCIUM MG/KG	10000DY	1620DY	24700DY	2380DY	2400DY
CHROMIUM MG/KG	38.8DY	4.7DY	62DY	11.1DY	5.3DY
COBALT MG/KG	3.5DYJ	3.1DYJ	4.1UY	4.6DYJ	3DYJ
COPPER MG/KG	51.1DY	6.7DY	93.4DY	7.9DY	7.8DY
CYANIDE MG/KG	0.33UY	0.28UY	0.37UY	0.29UY	0.29UY
IRON MG/KG	8210DY	5810DY	8750DY	7930DY	5770DY
LEAD MG/KG	66.5DY	2.8DYJ	123DYJ	6.9DYJ	5DYJ
LITHIUM MG/KG	39.6DYJ	3.6DYJ	70.5DYJ	8.8DYJ	5.9DYJ
MAGNESIUM MG/KG	1130DYJ	1070DYJ	1260DYJ	1550DY	1320DY
MANGANESE MG/KG	189DY	260DYJ	265DYJ	54.3DY	79.9DY
MERCURY MG/KG	0.52DY	0.06UY	0.93DY	0.06UY	0.06UY
NICKEL MG/KG	9.4DYJ	4.7DYJ	12.9DY	10.2DY	8.2DYJ
POTASSIUM MG/KG	1140DYJ	919DYJ	952DYJ	929DYJ	705DYJ
SELENIUM MG/KG	UYR	0.22UYJ	1.1DYJ	0.23UYJ	0.23UYJ
SILVER MG/KG	0.27UY	0.22UYJ	0.29UYJ	0.23UY	0.23UY
SODIUM MG/KG	162DYJ	74.1DYJ	335DYJ	93.6DYJ	105DYJ
THALLIUM MG/KG	0.4DYJ	0.22UY	0.29UY	0.23UY	0.23UY
VANADIUM MG/KG	23DY	10.9DYJ	19.1DY	21.7DY	10.5DYJ
ZINC MG/KG	64.2DYJ	20.7DYJ	137DYJ	26.4DYJ	23.3DYJ

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SAMPLE ID:	C20-01	C20-01	C20-01	C21-01	C21-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C20	C20	C20	C21	C21
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.50	4.50	6.50	0.00	2.00
LOWER DEPTH:	4.50	6.50	8.50	2.00	4.00
ALUMINUM MG/KG	5540DY	8380DY	4850DY	8240DY	7280DY
ANTIMONY MG/KG	2UYJ	3.60YJ	2.30YJ	7DY	5.60YJ
ARSENIC MG/KG	1.30YJ	19.30Y	1.40YJ	90.10YJ	20.80YJ
BARIUM MG/KG	23.70YJ	530Y	320YJ	1410Y	258DY
BERYLLIUM MG/KG	0.660YJ	1.10YJ	1.30YJ	1.2DY	1.2UY
CADMIUM MG/KG	1.1UY	1.1UY	1.3UY	UYR	UYR
CALCIUM MG/KG	6580YJ	16900DY	1840DY	121000DY	21600DY
CHROMIUM MG/KG	6DYJ	14.4DY	10.2DYJ	1360DY	656DY
COBALT MG/KG	5.8UY	7DYJ	6.6UY	4.3UY	4.2UY
COPPER MG/KG	4.9DYJ	UYR	8.4DYJ	136DY	173DY
CYANIDE MG/KG	0.28UY	0.27UY	0.32UY	0.39UY	0.97DY
IRON MG/KG	7640DYJ	12400DYJ	10000DYJ	5250DY	9400DY
LEAD MG/KG	2.8DY	47.4DY	7.3DY	260DY	238DY
LITHIUM MG/KG	2DYJ	17.90YJ	4.30YJ	691DYJ	137DYJ
MAGNESIUM MG/KG	968DYJ	10800DYJ	1490DY	2400DY	1350DYJ
MANGANESE MG/KG	169DY	207DY	282DY	162DYJ	173DYJ
MERCURY MG/KG	0.05UYJ	0.07DYJ	0.06UYJ	0.23DY	0.27DY
NICKEL MG/KG	4.40YJ	21.4DY	7.6DYJ	11.7DYJ	10.6DYJ
POTASSIUM MG/KG	489DYJ	1770DY	722DYJ	738DYJ	423DYJ
SELENIUM MG/KG	0.22UYJ	0.27DYJ	0.25UYJ	0.31DYJ	0.67DYJ
SILVER MG/KG	0.22UYJ	0.22UYJ	0.25UYJ	0.31UYJ	0.3UYJ
SODIUM MG/KG	1010YJ	811DYJ	132DYJ	1650DY	399DYJ
THALLIUM MG/KG	0.49DYJ	0.59DYJ	0.51DYJ	0.31UYJ	0.3UYJ
VANADIUM MG/KG	7.8DYJ	29.2DY	9.1DYJ	12.3DYJ	32DY
ZINC MG/KG	15.3DY	50.2DY	21.9DY	67.9DYJ	104DYJ

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SAMPLE ID:	C22-01	C22-01	C22-01	C23-01	C23-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C22	C22	C22	C23	C23
SAMPLE DATE:	02/27/1992	02/27/1992	02/27/1992	04/02/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	0.00	4.00
LOWER DEPTH:	3.00	5.00	7.00	2.00	6.00
ALUMINUM MG/KG	3510DY	4430DY	3440DY	8540DY	3580DY
ANTIMONY MG/KG	2UY	2UY	2UY	2.8UYJ	2.5UYJ
ARSENIC MG/KG	1.90YJ	4.20Y	1.90YJ	6.80Y	4.5DY
BARIUM MG/KG	18.30YJ	26.1DYJ	1140Y	1880Y	61.3DY
BERYLLIUM MG/KG	0.66DYJ	0.67DYJ	0.44DYJ	0.53DYJ	0.19DYJ
CADMIUM MG/KG	1.1UY	1.1DY	1.1UY	0.95DYJ	0.67UY
CALCIUM MG/KG	727DYJ	843DYJ	1690DYJ	4090DY	1650DY
CHROMIUM MG/KG	4.6DY	7.2DY	9.8DY	19DYJ	7.3DYJ
COBALT MG/KG	5.7UY	5.8UY	5.8UY	5DYJ	3.7DYJ
COPPER MG/KG	7.1DY	10.8DY	5.1DYJ	UYR	UYR
CYANIDE MG/KG	0.28UY	0.28UY	0.28UY	0.23UY	0.2UY
IRON MG/KG	7030DY	7820DY	6080DY	12000DY	9630DY
LEAD MG/KG	10.8DYJ	28.1DYJ	10.1DYJ	168DY	3.2DY
LITHIUM MG/KG				11.7DYJ	6.7DYJ
MAGNESIUM MG/KG	846DYJ	1300DY	1600DY	1890DY	1250DY
MANGANESE MG/KG	139DY	143DY	69.9DY	263DYJ	124DYJ
MERCURY MG/KG	0.08DYJ	0.06DYJ	0.05UY	0.14DY	0.08UY
NICKEL MG/KG	3.3UY	3.4UY	8DYJ	11.1DYJ	7.9DYJ
POTASSIUM MG/KG	219DYJ	375DYJ	4590YJ	5840YJ	457DYJ
SELENIUM MG/KG	0.22UYJ	0.22UYJ	0.22UYJ	1.1DYJ	0.28UYJ
SILVER MG/KG	0.31DYJ	0.29DYJ	0.31DYJ	0.45UY	0.39UY
SODIUM MG/KG	51.9DYJ	82.7DYJ	94.6DYJ	UYR	UYR
THALLIUM MG/KG	0.4DYJ	0.25DYJ	0.24DYJ	0.44UY	0.39UY
VANADIUM MG/KG	10.6DYJ	13.5DY	16.2DY	33.6DY	13.5DY
ZINC MG/KG	19.4DYJ	31.2DYJ	23.1DYJ	139DYJ	26.1DYJ

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SAMPLE ID:	C23-01D	C24-01	C24-01	C25-01	C25-01
SUB-SAMPLE ID:	DUP	A	B	A	B
STATION ID:	C23	C24	C24	C25	C25
SAMPLE DATE:	04/02/1992	04/07/1992	04/07/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	4.00	0.50	4.50
LOWER DEPTH:	6.00	4.00	6.00	2.50	6.50
ALUMINUM MG/KG	3500DY	6380DY	3780DY	6380DY	2810DY
ANTIMONY MG/KG	2.5UYJ	3.60YJ	2.40YJ	2.1UY	2.1UY
ARSENIC MG/KG	4.3DY	33.20YJ	0.650YJ	3.1DY	1.50YJ
BARIUM MG/KG	64.1DY	412DY	133DY	126DY	81.1DY
BERYLLIUM MG/KG	0.27DYJ	1.3UY	0.93UY	0.71DYJ	0.460YJ
CADMIUM MG/KG	0.66UY	UYR	1.2UY	1.4DY	1.2UY
CALCIUM MG/KG	1740DY	20200DY	4220DY	2610DYJ	1430DYJ
CHROMIUM MG/KG	8.1DYJ	153DY	20DY	11.8DY	5.3DY
COBALT MG/KG	5DYJ	4.4UY	3.7DYJ	6.1UY	6UY
COPPER MG/KG	UYR	71.7DY	7.9DY	11.5DY	3.7UY
CYANIDE MG/KG	0.2UY	0.39UY	0.29UY	0.29UY	0.29UY
IRON MG/KG	10100DY	6760DY	5010DY	7350DY	5900DY
LEAD MG/KG	3.4DY	277DY	10.6DYJ	32.4DYJ	3.4DYJ
LITHIUM MG/KG	5.9DYJ	114DYJ			
MAGNESIUM MG/KG	1170DY	1270DYJ	1120DYJ	1460DY	9930YJ
MANGANESE MG/KG	115DYJ	82.1DYJ	39.9DYJ	168DY	65.9DY
MERCURY MG/KG	0.09UY	0.16DY	0.05UY	0.090YJ	0.05UY
NICKEL MG/KG	7.4DYJ	13.2DY	5.8DYJ	3.5UY	3.5UY
POTASSIUM MG/KG	501DYJ	336DYJ	303DYJ	436DYJ	3290YJ
SELENIUM MG/KG	0.27UYJ	1DYJ	0.23UYJ	0.24UYJ	0.23UYJ
SILVER MG/KG	0.39UY	0.31UYJ	0.23UYJ	0.54DYJ	0.30YJ
SODIUM MG/KG	UYR	387DYJ	103DYJ	90DYJ	59.7DYJ
THALLIUM MG/KG	0.38UYJ	0.31UY	0.23UY	0.28DYJ	0.23UY
VANADIUM MG/KG	14.1DY	59.7DY	5.8DYJ	21.2DY	10.6DYJ
ZINC MG/KG	23.2DYJ	92.1DYJ	75.5DYJ	32DYJ	13.8DY

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SAMPLE ID:	C25-01	C26-01	C26-01	C26-01	C27-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C25	C26	C26	C26	C27
SAMPLE DATE:	02/26/1992	02/24/1992	02/24/1992	02/24/1992	02/25/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	8.50	0.00	2.00	4.00	2.00
LOWER DEPTH:	10.50	2.00	4.00	6.00	4.00
ALUMINUM MG/KG	2640YJ	6180YJ	5860YJ	3110YJ	4950YJ
ANTIMONY MG/KG	2.1UY	4.80YJ	3.60YJ	3.10YJ	3.3UY
ARSENIC MG/KG	1.50YJ	5.30Y	3.90Y	2.90Y	4.20Y
BARIUM MG/KG	96.60Y	1560Y	1000Y	94.10Y	6050Y
BERYLLIUM MG/KG	0.460YJ	0.710YJ	0.890YJ	0.440YJ	0.730YJ
CADMIUM MG/KG	1.2UY	1.2UY	1.1UY	1.1UY	1.8UY
CALCIUM MG/KG	5130YJ	24400YJ	11300YJ	14500YJ	200000YJ
CHROMIUM MG/KG	7.60Y	20.10Y	22.50Y	10.70Y	120Y
COBALT MG/KG	6UY	6.2UY	5.8UY	5.8UY	9.5UY
COPPER MG/KG	5.10YJ	13.50YJ	8.20YJ	5.80YJ	85.20Y
CYANIDE MG/KG	0.29UY	0.3UY	0.28UY	0.28UY	0.46UY
IRON MG/KG	6340YJ	7200YJ	94900YJ	60500YJ	59400Y
LEAD MG/KG	4.10YJ	49.30Y	19.90Y	5.40Y	10500YJ
LITHIUM					
MAGNESIUM MG/KG	14800Y	14700YJ	14600YJ	11200YJ	8960YJ
MANGANESE MG/KG	2640Y	1550Y	1930Y	1560Y	1620Y
MERCURY MG/KG	0.660Y	0.060YJ	0.05UY	0.05UY	1.70Y
NICKEL MG/KG	4.90YJ	80YJ	100Y	8.20YJ	9.10YJ
POTASSIUM MG/KG	4860YJ	3620YJ	5770YJ	4830YJ	4850YJ
SELENIUM MG/KG	0.23UYJ	0.510YJ	0.350YJ	0.280YJ	3.60YJ
SILVER MG/KG	0.350YJ	0.240YJ	0.220YJ	0.220YJ	0.40YJ
SODIUM MG/KG	1050YJ	69.30YJ	50.10YJ	53.80YJ	3620YJ
THALLIUM MG/KG	0.23UY	0.24UY	0.22UY	0.22UY	0.36UY
VANADIUM MG/KG	9.70YJ	26.50Y	23.80Y	15.40Y	25.10Y
ZINC MG/KG	150Y	36.20Y	28.70Y	20.50Y	58.30YJ

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SAMPLE ID:	C27-01	C27-01	C28-01	C28-01	C28-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C27	C27	C28	C28	C28
SAMPLE DATE:	02/25/1992	02/25/1992	02/20/1992	02/20/1992	02/20/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	6.00	3.00	5.00	7.00
LOWER DEPTH:	6.00	8.00	5.00	7.00	9.00
ALUMINUM MG/KG	5390DYJ	3080DYJ	5460DYJ	5270DYJ	2460DYJ
ANTIMONY MG/KG	3.2DYJ	2.4DYJ	3.1DYJ	3.3DYJ	2.2DYJ
ARSENIC MG/KG	2.1DYJ	7.6DY	2.6DYJ	2.9DY	2.3DY
BARIIUM MG/KG	175DY	100DY	66.1DY	66.2DY	65.3DY
BERYLLIUM MG/KG	0.71DYJ	0.69DYJ	0.65DYJ	0.67DYJ	0.44DYJ
CADMIUM MG/KG	1.2UY	1.1UY	1.1UY	1.1UY	1.1UY
CALCIUM MG/KG	2870DYJ	1740DYJ	1410DYJ	1580DYJ	1260DYJ
CHROMIUM MG/KG	10.2DY	6.2DY	UYR	UYR	UYR
COBALT MG/KG	6.2UY	6UY	5.6UY	5.8UY	5.8UY
COPPER MG/KG	6.4DYJ	6.2DYJ	5.6DYJ	8.4DYJ	4.4DYJ
CYANIDE MG/KG	0.3UY	0.29UY	0.27UY	0.28UY	0.28UY
IRON MG/KG	6950DYJ	7920DYJ	7110DYJ	8730DYJ	7040DYJ
LEAD MG/KG	5.1DY	3.7DY	5.6DY	4.8DY	2.8DY
LITHIUM					
MAGNESIUM MG/KG	1390DYJ	1220DYJ	1370DYJ	1530DYJ	872DYJ
MANGANESE MG/KG	41.8DY	122DY	94.5DY	89.8DY	315DY
MERCURY MG/KG	0.05UY	0.05UY	0.05UY	0.05UY	0.05UY
NICKEL MG/KG	10.9DY	8.3DYJ	6.7DYJ	10DY	5.5DYJ
POTASSIUM MG/KG	363DYJ	363DYJ	403DYJ	607DYJ	522DYJ
SELENIUM MG/KG	0.37DYJ	0.27DYJ	0.22UYJ	0.22UYJ	0.22UYJ
SILVER MG/KG	0.24UYJ	0.23UYJ	0.22UYJ	0.22UYJ	0.22UYJ
SODIUM MG/KG	62.9DYJ	44.1DYJ	43.3DYJ	66.9DYJ	48.6DYJ
THALLIUM MG/KG	0.24UY	0.23UY	0.28DYJ	0.22UY	0.22UY
VANADIUM MG/KG	20.9DY	20DY	19.9DY	20.2DY	10.4DYJ
ZINC MG/KG	23DY	19.1DY	21.7DY	23.6DY	20.4DY

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	SAMPLE ID: SUB-SAMPLE ID: STATION ID: SAMPLE DATE: SAMPLE TIME: SAMPLE MATRIX: UPPER DEPTH: LOWER DEPTH:	C29-01 A C29 04/01/1992 SB 1.00 3.00	C29-01 B C29 04/01/1992 SB 5.00 7.00	C29-01 C C29 04/01/1992 SB 7.00 9.00	C29-01D DUP C29 04/01/1992 SB 5.00 7.00	C30-01 A C30 02/21/1992 SB 1.00 3.00
ALUMINUM MG/KG	6050DY	4150DY	2770DY	4300DY	9070DYJ	
ANTIMONY MG/KG	2UYJ	1.6UYJ	3.2DYJ	1.6UYJ	4.8DYJ	
ARSENIC MG/KG	105DYJ	2.9DY	5.9DY	2.2DYJ	1.9DYJ	
BARIUM MG/KG	195DYJ	159DYJ	106DY	266DYJ	45.6DY	
BERYLLIUM MG/KG	1.7DY	0.45UY	0.23DYJ	0.68DYJ	0.88DYJ	
CADMIUM MG/KG	1.4UY	1.1UY	0.69UY	1.1UY	1.1UY	
CALCIUM MG/KG	61600DYJ	2700DYJ	2270DY	4550DYJ	805DYJ	
CHROMIUM MG/KG	265DYJ	6.1DYJ	9.4DY	8.2DYJ	8.8DY	
COBALT MG/KG	4UY	4.5DYJ	3.5DYJ	4.6DYJ	5.8UY	
COPPER MG/KG	152DYJ	8.4DYJ	9.1DY	10.7DYJ	4.6DYJ	
CYANIDE MG/KG	0.36UY	0.28UY	0.21UY	0.28UY	0.28UY	
IRON MG/KG	8420DY	5800DY	6330DY	6920DY	10100DYJ	
LEAD MG/KG	275DY	4.2DY	6.2DYJ	5DY	6.5DY	
LITHIUM MG/KG	3510DYJ	8.6DYJ	15.2DY	8.9DYJ		
MAGNESIUM MG/KG	1560DY	1500DY	1040DYJ	1620DY	11700DYJ	
MANGANESE MG/KG	172DYJ	56.2DYJ	88.6DYJ	246DYJ	243DY	
MERCURY MG/KG	1.1DY	0.05UY	0.09UY	0.05UY	0.05UY	
NICKEL MG/KG	20.3DY	9.3DY	10.1DY	10.7DY	9.5DY	
POTASSIUM MG/KG	719DYJ	590DYJ	457DYJ	626DYJ	429DYJ	
SELENIUM MG/KG	0.30DYJ	0.23UYJ	0.28UYJ	0.23UYJ	0.22UYJ	
SILVER MG/KG	0.29UYJ	0.23UYJ	0.49DYJ	0.23UYJ	0.22UYJ	
SODIUM MG/KG	1470DY	84.4DYJ	211DYJ	95.1DYJ	261DYJ	
THALLIUM MG/KG	0.29UY	0.23UY	0.39UY	0.23UY	0.22UY	
VANADIUM MG/KG	UYR	UYR	19.1DY	UYR	15.7DY	
ZINC MG/KG	167DYJ	24.3DYJ	35.5DYJ	25.5DYJ	21.9DY	

NNN-/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C31-01	C31-01	C31-01	C32-01	C32-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C31	C31	C31	C32	C32
SAMPLE DATE:	02/25/1992	02/25/1992	02/25/1992	02/21/1992	02/21/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	1.00	3.00
LOWER DEPTH:	4.00	6.00	8.00	3.00	5.00
ALUMINUM MG/KG	3660DY	2040DY	5050DY	9300DY	4600DYJ
ANTIMONY MG/KG	2UY	2UY	2.1UY	2.4UYJ	2.4DYJ
ARSENIC MG/KG	8.3DY	1.3DYJ	5.6DY	0.97DYJ	2DYJ
BARIUM MG/KG	146DY	105DY	133DY	36.2DYJ	22.1DYJ
BERYLLIUM MG/KG	0.89DYJ	0.45DYJ	0.69DYJ	0.4DYJ	0.65DYJ
CADMIUM MG/KG	1.1UY	1.1UY	1.2UY	0.66UY	1.1UY
CALCIUM MG/KG	1800DYJ	14200DYJ	16200DYJ	906DYJ	871DYJ
CHROMIUM MG/KG	10DY	6.1DY	9.7DY	11.2DY	UYR
COBALT MG/KG	5.8UY	5.8UY	6UY	5.7DYJ	5.6UY
COPPER MG/KG	5.6DY	3.8DYJ	6.5DY	7.1DY	4.1DYJ
CYANIDE MG/KG	0.28UY	0.28UY	0.29UY	0.4UY	0.27UY
IRON MG/KG	9640DY	4960DY	8500DY	11800DY	8010DYJ
LEAD MG/KG	3.2DYJ	2.7DYJ	14DYJ	4.4DY	3.8DY
LITHIUM					
MAGNESIUM MG/KG	1380DY	1290DY	1060DYJ	1620DY	8880YJ
MANGANESE MG/KG	81.5DY	213DY	135DY	527DYJ	278DY
MERCURY MG/KG	0.05UY	0.05UY	0.05UY	0.07UYJ	0.05UY
NICKEL MG/KG	7.4DYJ	4.7DYJ	3.5UY	9.7DY	5.9DYJ
POTASSIUM MG/KG	493DYJ	565DYJ	389DYJ	743DYJ	556DYJ
SELENIUM MG/KG	0.22UYJ	0.22UYJ	0.23UYJ	0.29UY	0.22UYJ
SILVER MG/KG	0.22UY	0.22UY	0.23UY	0.39UY	0.22UYJ
SODIUM MG/KG	68.3DYJ	100DYJ	70.3DYJ	UYR	65.8DYJ
THALLIUM MG/KG	0.22UY	0.22UY	0.23UY	0.37UY	0.22UY
VANADIUM MG/KG	23.2DY	7.6DYJ	17.5DY	13.4DY	11.5DY
ZINC MG/KG	19.4DYJ	13.5DY	20DYJ	24.3DYJ	15DY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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	C32-01	C32-01D	C33-01	C33-01	C33-01
SAMPLE ID:	C32-01	C32-01D	C33-01	C33-01	C33-01
SUB-SAMPLE ID:	C	0UP	A	B	C
STATION ID:	C32	C32	C33	C33	C33
SAMPLE DATE:	02/21/1992	02/21/1992	02/26/1992	02/26/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	1.00	1.00	3.00	7.00
LOWER DEPTH:	7.00	3.00	3.00	5.00	9.00
ALUMINUM MG/KG	4020DYJ	6450DY	3390DY	5360DY	4420DY
ANTIMONY MG/KG	2.1DYJ	2.4UYJ	2UY	2.1UY	2UY
ARSENIC MG/KG	2.4DY	0.860YJ	1.80YJ	4.60Y	1.40YJ
BARIUM MG/KG	27DYJ	24.3DYJ	56.3DY	253DY	116DY
BERYLLIUM MG/KG	0.660YJ	0.280YJ	0.440YJ	0.7DYJ	0.680YJ
CADMIUM MG/KG	1.1UY	0.66UY	1.1UY	1.4DY	1.1UY
CALCIUM MG/KG	1100DYJ	1300DYJ	1520DYJ	2480DYJ	1540DYJ
CHROMIUM MG/KG	5.5DY	7.5DYJ	13.1DY	122DY	10.6DY
COBALT MG/KG	5.7UY	4.3DYJ	5.8UY	6.1UY	5.9UY
COPPER MG/KG	5.1DYJ	6.1DY	9.3DY	16.8DY	6.8DY
CYANIDE MG/KG	0.27UY	0.4UY	0.28UY	0.29UY	0.28UY
IRON MG/KG	6260DYJ	7380DY	6120DY	6970DY	7530DY
LEAD MG/KG	3.3DY	5DY	20.90YJ	23.2DYJ	5.6DYJ
LITHIUM					
MAGNESIUM MG/KG	1110DYJ	987DYJ	1120DY	1350DY	1610DY
MANGANESE MG/KG	277DY	215DYJ	2990Y	95.2DY	51.4DY
MERCURY MG/KG	0.05UY	0.09UYJ	0.04UY	0.1DYJ	0.05UY
NICKEL MG/KG	6.6DYJ	7DYJ	3.3UY	3.7DYJ	5.4DYJ
POTASSIUM MG/KG	708DYJ	510DYJ	2860YJ	433DYJ	631DYJ
SELENIUM MG/KG	0.22UYJ	0.29UY	0.22UYJ	0.28DYJ	0.23UYJ
SILVER MG/KG	0.22UYJ	0.39UY	0.38DYJ	0.37DYJ	0.32DYJ
SODIUM MG/KG	69.5DYJ	UYR	90.7DYJ	132DYJ	141DYJ
THALLIUM MG/KG	0.22UY	0.37UY	0.22UY	0.23UY	0.23UY
VANADIUM MG/KG	10.3DYJ	9.5DYJ	11.5DY	22.9DY	14.4DY
ZINC MG/KG	17.4DY	20.1DYJ	26.2DYJ	29.9DYJ	20.5DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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SAMPLE ID:	C34-01	C34-01	C34-01	C34-01D	C35-01
SUB-SAMPLE ID:	A	B	C	DUP	A
STATION ID:	C34	C34	C34	C34	C35
SAMPLE DATE:	02/24/1992	02/24/1992	02/24/1992	02/24/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	1.00	3.00	5.00	1.00	3.00
LOWER DEPTH:	3.00	5.00	7.00	3.00	5.00
ALUMINUM MG/KG	7040YJ	3920YJ	3510YJ	6950YJ	3910YJ
ANTIMONY MG/KG	4.70YJ	2.50YJ	2.30YJ	40YJ	2.40YJ
ARSENIC MG/KG	40YJ	2.20YJ	20YJ	5.70YJ	1.50YJ
BARIUM MG/KG	51.90YJ	31.50YJ	38.50YJ	52.60YJ	52.40YJ
BERYLLIUM MG/KG	0.540YJ	0.22UY	0.460YJ	0.540YJ	0.660YJ
CADMIUM MG/KG	1.4UY	1.1UY	1.1UY	1.4UY	1.1UY
CALCIUM MG/KG	6630YJ	4660YJ	7110YJ	8040YJ	1320YJ
CHROMIUM MG/KG	3.50YJ	3.50YJ	60YJ	3.80YJ	UYR
COBALT MG/KG	7.1UY	5.8UY	6UY	7.1UY	5.7UY
COPPER MG/KG	8.40YJ	3.5UYJ	6.20YJ	9.30YJ	3.5UYJ
CYANIDE MG/KG	0.34UY	0.28UY	0.29UY	0.34UY	0.28UY
IRON MG/KG	3040YJ	4060YJ	6260YJ	3000YJ	7230YJ
LEAD MG/KG	2040YJ	3.20YJ	3.10YJ	52.60YJ	6.50YJ
LITHIUM					
MAGNESIUM MG/KG	3210YJ	7870YJ	9950YJ	3540YJ	9640YJ
MANGANESE MG/KG	10.90YJ	22.20YJ	58.50YJ	13.60YJ	87.50YJ
MERCURY MG/KG	0.10YJ	0.05UY	0.05UY	0.110YJ	0.150YJ
NICKEL MG/KG	4.60YJ	5.10YJ	6.70YJ	4.1UY	4.60YJ
POTASSIUM MG/KG	1170YJ	1950YJ	3370YJ	1280YJ	2430YJ
SELENIUM MG/KG	0.860YJ	0.30YJ	0.290YJ	0.950YJ	0.220YJ
SILVER MG/KG	0.270YJ	0.220YJ	0.230YJ	0.270YJ	0.220YJ
SODIUM MG/KG	1020YJ	42.60YJ	49.10YJ	1140YJ	35.10YJ
THALLIUM MG/KG	0.27UY	0.22UY	0.23UY	0.27UY	0.440YJ
VANADIUM MG/KG	10.30YJ	13.10YJ	13.50YJ	11.70YJ	15.70YJ
ZINC MG/KG	17.10YJ	14.40YJ	17.70YJ	17.20YJ	170YJ

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SAMPLE ID:	C35-01	C35-01	C36-01	C36-01	C36-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C35	C35	C36	C36	C36
SAMPLE DATE:	02/19/1992	02/19/1992	04/07/1992	04/07/1992	04/07/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	7.00	0.00	2.00	4.00
LOWER DEPTH:	7.00	9.00	2.00	4.00	6.00
ALUMINUM MG/KG	41400YJ	39600YJ	63600Y	48800Y	24200Y
ANTIMONY MG/KG	2.20YJ	3.20YJ	3.30YJ	20YJ	2.50YJ
ARSENIC MG/KG	2.30YJ	1.50YJ	26.80YJ	2.30YJ	0.720YJ
BARIIUM MG/KG	54.70Y	66.10Y	1680Y	1000Y	66.30Y
BERYLLIUM MG/KG	0.650YJ	0.670YJ	10Y	0.90Y	0.90Y
CADMIUM MG/KG	1.10Y	1.10Y	UYR	UYR	1.10Y
CALCIUM MG/KG	14000YJ	36300YJ	40100Y	20800Y	74700Y
CHROMIUM MG/KG	UYR	UYR	22.70Y	8.70Y	5.20Y
COBALT MG/KG	5.70Y	60YJ	3.60Y	3.80YJ	4.10YJ
COPPER MG/KG	6.80YJ	5.30YJ	37.80Y	10.30Y	5.20YJ
CYANIDE MG/KG	0.270Y	0.280Y	0.320Y	0.280Y	0.280Y
IRON MG/KG	76600YJ	87200YJ	102000Y	117000Y	54300Y
LEAD MG/KG	4.60Y	40Y	2420Y	4.30YJ	6.50YJ
LITHIUM MG/KG			7.20YJ	9.40YJ	3.60YJ
MAGNESIUM MG/KG	15000YJ	30900YJ	12100YJ	20100Y	12200Y
MANGANESE MG/KG	1110Y	3140Y	1880YJ	3720YJ	2990YJ
MERCURY MG/KG	0.050Y	0.050Y	0.220Y	0.050Y	0.050Y
NICKEL MG/KG	7.60YJ	8.20YJ	8.40YJ	9.40Y	4.50YJ
POTASSIUM MG/KG	5280YJ	13100Y	7460YJ	7480YJ	5860YJ
SELENIUM MG/KG	0.240YJ	0.220YJ	0.270YJ	0.220YJ	0.230YJ
SILVER MG/KG	0.220YJ	0.220YJ	0.260YJ	0.220YJ	0.230YJ
SODIUM MG/KG	38.80YJ	64.30YJ	1280YJ	1360YJ	950YJ
THALLIUM MG/KG	0.220Y	0.220Y	0.260Y	0.220YJ	0.230Y
VANADIUM MG/KG	16.60Y	16.50Y	19.40Y	60YJ	5.40YJ
ZINC MG/KG	21.80Y	24.90Y	1050YJ	32.50YJ	19.20YJ

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SAMPLE ID:	C37-01	C37-01	C37-010	C38-01	C38-01
SUB-SAMPLE ID:	A	B	DUP	A	B
STATION ID:	C37	C37	C37	C38	C38
SAMPLE DATE:	04/08/1992	04/08/1992	04/08/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	0.00	2.00	0.00	8.00	10.00
LOWER DEPTH:	2.00	4.00	2.00	10.00	12.00
ALUMINUM MG/KG	6660DY	11800DY	5950DY	24100DY	20700DY
ANTIMONY MG/KG	2.6DYJ	4.1DYJ	2.1DYJ	15.6DYJ	18.9DYJ
ARSENIC MG/KG	6DYJ	6.3DYJ	7.8DYJ	55.4DY	56.3DY
BARIUM MG/KG	99.2DY	334DY	103DY	108DY	206DY
BERYLLIUM MG/KG	0.97UY	1.1DYJ	0.95UY	1.8DY	0.96DYJ
CADMIUM MG/KG	1.2UY	4DY	1.2UY	1.5UY	1.6UY
CALCIUM MG/KG	6220DY	7090DY	3880DY	79800DY	104000DY
CHROMIUM MG/KG	100DY	55.8DY	85.7DY	22.6DY	180DY
COBALT MG/KG	4.3DYJ	6.5DYJ	3.8DYJ	7.7UY	8.4UY
COPPER MG/KG	44.9DY	155DY	42.1DY	UYR	UYR
CYANIDE MG/KG	0.3UY	0.82DY	0.58DYJ	0.37UY	0.4UY
IRON MG/KG	9890DY	14400DY	8950DY	4610DYJ	7720DYJ
LEAD MG/KG	94.3DY	612DY	109DY	409DY	801DYJ
LITHIUM MG/KG	18.3DYJ				
MAGNESIUM MG/KG	1320DY	2520DY	1220DY	890DYJ	1390DYJ
MANGANESE MG/KG	202DYJ	184DYJ	133DYJ	162DY	202DY
MERCURY MG/KG	0.35DY	0.63DY	0.44DY	0.47DYJ	0.51DYJ
NICKEL MG/KG	9.9DY	28DY	8.3DYJ	25.6DY	11.6DYJ
POTASSIUM MG/KG	427DYJ	752DYJ	452DYJ	170DYJ	251DYJ
SELENIUM MG/KG	0.29DYJ	0.72DYJ	0.25DYJ	1.6DYJ	1.6UYJ
SILVER MG/KG	0.24UYJ	0.27UYJ	0.24UYJ	0.3UYJ	0.48DYJ
SODIUM MG/KG	290DYJ	458DYJ	224DYJ	2130DYJ	1510DYJ
THALLIUM MG/KG	0.24UY	0.27UY	0.25DYJ	0.57DYJ	0.74DYJ
VANADIUM MG/KG	12.8DYJ	56.9DY	10.7DYJ	6.8UY	7.4UY
ZINC MG/KG	133DYJ	288DYJ	810DYJ	65.8DY	54DY

NNN+/XXABCCDD POSITIONALLY N=VALUE, (/XX=ERROR FACTOR FOR RADN ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ID:	C38-01	C39-01	C39-01	C39-01	C39-010
SUB-SAMPLE ID:	C	A	B	C	DUP
STATION ID:	C38	C39	C39	C39	C39
SAMPLE DATE:	02/18/1992	02/18/1992	02/18/1992	02/18/1992	02/18/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	12.00	0.00	4.00	6.00	6.00
LOWER DEPTH:	14.00	2.00	6.00	8.00	8.00
ALUMINIUM MG/KG	2260DY	6140DY	3230DY	2600DY	3570DY
ANTIMONY MG/KG	2.1UYJ	2.2DYJ	2UYJ	2UYJ	2.3UYJ
ARSENIC MG/KG	1.20YJ	2.5DYJ	1.3DYJ	1.4DYJ	1.6DYJ
BARIIUM MG/KG	56.7DY	36.9DYJ	33.7DYJ	32DYJ	33.90YJ
BERYLLIUM MG/KG	0.69DYJ	0.67DYJ	0.67DYJ	0.45DYJ	0.77DYJ
CADMIUM MG/KG	1.2UY	1.1UY	1.1UY	1.1UY	1.3UY
CALCIUM MG/KG	3920DY	1420DY	1400DY	1240DY	1490DY
CHROMIUM MG/KG	7.8DYJ	6DYJ	4.5DYJ	6.3DYJ	10.2DYJ
COBALT MG/KG	6UY	5.8UY	6.1DYJ	5.8UY	6.6UY
COPPER MG/KG	4.6DYJ	6.7DYJ	3.6UYJ	4.5DYJ	5.1DYJ
CYANIDE MG/KG	0.29UY	0.28UY	0.56UY	0.28UY	0.32UY
IRON MG/KG	3640DYJ	8080DYJ	5430DYJ	5670DYJ	9260DYJ
LEAD MG/KG	16.1DY	23.6DY	3.5DY	4.4DY	4.5DY
LITHIUM					
MAGNESIUM MG/KG	945DYJ	1100DYJ	943DYJ	903DYJ	1130DYJ
MANGANESE MG/KG	240DY	296DY	539DY	439DY	467DY
MERCURY MG/KG	0.06UYJ	0.05UYJ	0.05UYJ	0.04UYJ	0.17DYJ
NICKEL MG/KG	6.2DYJ	4.2DYJ	5.8DYJ	4.5DYJ	5.9DYJ
POTASSIUM MG/KG	3060YJ	516DYJ	570DYJ	479DYJ	638DYJ
SELENIUM MG/KG	0.23UYJ	0.22UYJ	0.22UYJ	0.22UYJ	0.26UYJ
SILVER MG/KG	0.23UYJ	0.22UYJ	0.22UYJ	0.22UYJ	0.26UYJ
SODIUM MG/KG	68.2DYJ	103DYJ	79.2DYJ	72.1DYJ	81.6DYJ
THALLIUM MG/KG	0.37DYJ	0.42DYJ	0.36DYJ	0.47DYJ	0.51DYJ
VANADIUM MG/KG	5.3UY	9.6DYJ	5.6DYJ	6.3DYJ	9.2DYJ
ZINC MG/KG	15.9DY	40.7DY	17.5DY	17.9DY	21.4DY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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SAMPLE ID:	C40-01	C40-01	C40-01	C41-01	C41-01
SUB-SAMPLE ID:	A	B	C	A	B
STATION ID:	C40	C40	C40	C41	C41
SAMPLE DATE:	02/13/1992	02/13/1992	02/13/1992	02/12/1992	02/12/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	2.00	4.00	6.00	0.00	4.00
LOWER DEPTH:	4.00	6.00	8.00	2.00	6.00
ALUMINUM MG/KG	8650DY	5010DY	7210DY	5810DY	9540DY
ANTIMONY MG/KG	2.5UYJ	2.5UYJ	2.4UYJ	3.7DYJ	2.6DYJ
ARSENIC MG/KG	4.6DY	1.2DYJ	1.9DYJ	41.4DY	4DY
BARIUM MG/KG	34.4DYJ	27.1DYJ	32.3DYJ	91.1DY	42DYJ
BERYLLIUM MG/KG	0.25DYJ	0.19DYJ	0.29DYJ	1.2DY	0.52DYJ
CADMIUM MG/KG	0.66UY	0.67UY	0.66UY	1.2UY	0.69UY
CALCIUM MG/KG	1040DYJ	341DYJ	765DYJ	7250DY	1770DY
CHROMIUM MG/KG	11.6DY	10.5DY	10.2DY	2440DY	197DY
COBALT MG/KG	4.2DYJ	2.6DYJ	4.3DYJ	6.5UY	4.8DYJ
COPPER MG/KG	17.3DY	9.2DY	15.8DY	UYR	156DY
CYANIDE MG/KG	0.41UY	0.41UY	0.4UY	0.5DYJ	0.43UY
IRON MG/KG	16700DY	9400DY	9090DY	13000DYJ	UYR
LEAD MG/KG	5.6DY	4.3DY	8DY	328DYJ	UYR
LITHIUM					
MAGNESIUM MG/KG	1810DY	903DYJ	1660DY	2300DY	1470DY
MANGANESE MG/KG	59DYJ	31.4DYJ	57.6DYJ	157DY	UYR
MERCURY MG/KG	0.06UY	0.09UY	0.09UY	0.86DYJ	0.12DYJ
NICKEL MG/KG	9.9DY	6.7DYJ	10.3DY	13.4DY	11.3DY
POTASSIUM MG/KG	766DYJ	483DYJ	806DYJ	496DYJ	405DYJ
SELENIUM MG/KG	0.29UY	0.29UY	0.29UY	0.39DYJ	0.3UY
SILVER MG/KG	0.39UY	0.44DYJ	0.39UY	0.25UYJ	0.44DYJ
SODIUM MG/KG	236DYJ	224DYJ	235DYJ	157DYJ	248DYJ
THALLIUM MG/KG	0.37UYJ	0.38UY	0.37UY	0.74DYJ	0.39UYJ
VANADIUM MG/KG	16.7DY	9.4DYJ	10.4DYJ	19.9DY	20.7DY
ZINC MG/KG	24.7DY	16.2DY	32DY	140DY	87DY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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SAMPLE ID:	C41-01	C42-01	C42-01	C42-01	C43-01
SUB-SAMPLE ID:	C	A	B	C	A
STATION ID:	C41	C42	C42	C42	C43
SAMPLE DATE:	02/12/1992	02/19/1992	02/19/1992	02/19/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	4.00	6.00	10.00	3.00
LOWER DEPTH:	8.00	6.00	8.00	12.00	5.00
ALUMINUM MG/KG	7600DY	8580DY	4810DY	4490DY	7160DY
ANTIMONY MG/KG	2.5UYJ	4.2DYJ	2.1UYJ	2.2DYJ	2.3DYJ
ARSENIC MG/KG	3.9DY	14DYJ	2.7DY	3.9DY	4.3DY
BARIUM MG/KG	22.8DYJ	143DY	92.4DY	132DY	35.9DYJ
BERYLLIUM MG/KG	0.35DYJ	1.4DYJ	0.47DYJ	0.92DYJ	1.1DY
CADMIUM MG/KG	0.67UY	1.4UY	1.2UY	1.2UY	1.1UY
CALCIUM MG/KG	1220DY	17500DY	24200DY	16900DY	10800DY
CHROMIUM MG/KG	20.7DY	6.6DYJ	8.4DYJ	7.9DYJ	15.3DY
COBALT MG/KG	6.3DYJ	7.2UY	6.1UY	6UY	5.9UY
COPPER MG/KG	18DY	21.5DYJ	4.9DYJ	7.6DYJ	UYR
CYANIDE MG/KG	0.41UY	0.34UY	0.29UY	0.29UY	0.28UY
IRON MG/KG	UYR	10300DYJ	8350DYJ	10800DYJ	11700DYJ
LEAD MG/KG	UYR	64.6DY	15.3DY	4.1DY	18.4DYJ
LITHIUM					
MAGNESIUM MG/KG	1850DY	1700DY	1100DYJ	1240DY	2230DY
MANGANESE MG/KG	UYR	161DY	73.9DY	437DY	207DY
MERCURY MG/KG	0.07UYJ	0.06UYJ	0.06UYJ	0.05UYJ	0.06UYJ
NICKEL MG/KG	16DY	8.8DYJ	4.7DYJ	5.1DYJ	16DY
POTASSIUM MG/KG	510DYJ	1230DYJ	474DYJ	564DYJ	422DYJ
SELENIUM MG/KG	0.29UY	3DYJ	0.67DYJ	0.23UYJ	0.25DYJ
SILVER MG/KG	0.59DYJ	0.28UYJ	0.23UYJ	0.23UYJ	0.23UYJ
SODIUM MG/KG	2430DYJ	377DYJ	1100DYJ	950DYJ	94.4DYJ
THALLIUM MG/KG	0.38UYJ	0.74DYJ	0.47DYJ	0.51DYJ	0.5DYJ
VANADIUM MG/KG	14.1DY	19.8DY	12.2DY	13.4DY	15.3DY
ZINC MG/KG	29.9DY	128DY	23.4DY	21.3DY	72DY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: INORGANICS

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SAMPLE ID:	C43-01	C43-01	C44-01	C44-01	C44-01
SUB-SAMPLE ID:	B	C	A	B	C
STATION ID:	C43	C43	C44	C44	C44
SAMPLE DATE:	02/19/1992	02/19/1992	02/13/1992	02/13/1992	02/13/1992
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	7.00	11.00	4.00	6.00	8.00
LOWER DEPTH:	9.00	13.00	6.00	8.00	10.00
ALUMINUM MG/KG	2510YJ	2550YJ	9790YJ	15600YJ	8220YJ
ANTIMONY MG/KG	20YJ	20YJ	2.70YJ	2.50YJ	2.50YJ
ARSENIC MG/KG	0.950YJ	1.20YJ	1.80YJ	0.870YJ	1.20YJ
BARIUM MG/KG	13.90YJ	73.60YJ	30.20YJ	24.10YJ	28.90YJ
BERYLLIUM MG/KG	0.220YJ	0.450YJ	0.090YJ	0.090YJ	0.070YJ
CADMIUM MG/KG	1.10YJ	1.10YJ	0.710YJ	0.670YJ	0.870YJ
CALCIUM MG/KG	9970YJ	16100YJ	26100YJ	29400YJ	42600YJ
CHROMIUM MG/KG	5.60YJ	3.10YJ	94.30YJ	1280YJ	53.40YJ
COBALT MG/KG	5.60YJ	5.80YJ	40YJ	2.50YJ	1.80YJ
COPPER MG/KG	4.10YJ	4.50YJ	48.10YJ	11.80YJ	7.20YJ
CYANIDE MG/KG	0.270YJ	0.280YJ	0.440YJ	0.410YJ	0.410YJ
IRON MG/KG	42900YJ	39600YJ	88800YJ	75500YJ	33100YJ
LEAD MG/KG	3.50YJ	3.90YJ	17.90YJ	12.60YJ	7.90YJ
LITHIUM					
MAGNESIUM MG/KG	4830YJ	10700YJ	1220YJ	2490YJ	1540YJ
MANGANESE MG/KG	3530YJ	4430YJ	970YJ	33.20YJ	22.20YJ
MERCURY MG/KG	0.050YJ	0.050YJ	0.080YJ	0.090YJ	0.090YJ
NICKEL MG/KG	3.30YJ	4.90YJ	7.80YJ	3.90YJ	2.60YJ
POTASSIUM MG/KG	3840YJ	6620YJ	1730YJ	5060YJ	5200YJ
SELENIUM MG/KG	0.220YJ	0.220YJ	0.310YJ	0.290YJ	0.30YJ
SILVER MG/KG	0.220YJ	0.220YJ	0.420YJ	0.390YJ	0.40YJ
SODIUM MG/KG	56.80YJ	54.80YJ	2760YJ	2870YJ	2490YJ
THALLIUM MG/KG	0.350YJ	0.490YJ	0.40YJ	0.380YJ	0.380YJ
VANADIUM MG/KG	5.40YJ	60YJ	2.50YJ	5.40YJ	20YJ
ZINC MG/KG	7.20YJ	13.40YJ	32.80YJ	5.40YJ	8.80YJ

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Radionuclides

Glossary of Data Qualifier Codes and Definitions Used for Radiological Data

Definitions of data qualifiers used for organic and inorganic analytical data are defined at the bottom of each data sheet. The definitions for the data qualifiers for the radiological data, however, are different. The following definitions should, therefore, be used for radiological data qualifiers.:

- U - The parameter was analyzed for, but was not detected above the level of the associated value. The associated value is either the minimum detectable activity (MDA) or the sample-specific lower limit of detection (LLD), or the observed value.
- J - The associated value is estimated because one or more quality acceptance criteria were not met.
- UJ - The parameter was analyzed for but was not detected. The nondetection could be due to one or more quality control problems. The associated value is an estimated MDA or LLD, or observed value.
- H - Holding times exceeded.
- D - Duplicate precision criteria not met.
- S - Matrix spike recovery criteria not met.
- C - Calibration criteria not met.
- B - Blank contamination present.

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: RAD

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
S01	GROSS ALPHA, TOTAL	PCI/G	18	15	0.8333	20.000	8,310.000	871.573	2,064.559
S02	GROSS BETA, TOTAL	PCI/G	18	15	0.8333	14.400	2,970.000	315.420	731.274
S03	RADIUM 226, TOTAL	PCI/G	18	14	0.7778	1.400	266.000	36.400	70.369
S04	RADIUM 228, TOTAL	PCI/G	18	16	0.8889	0.500	283.000	47.719	81.219
S05	THORIUM 230, TOTAL	PCI/G	4	4	1.0000	0.500	1.400	0.875	0.335
S06	THORIUM 232, TOTAL	PCI/G	4	0	0.0000	0.000	0.000	0.000	0.000
S10	TOTAL THORIUM, BY ALPHA SCINT.	PCI/G	14	14	1.0000	29.200	3,920.000	522.243	998.029
S07	URANIUM 234, TOTAL	PCI/G	18	13	0.7222	0.700	31.800	12.408	8.371
S08	URANIUM 235, TOTAL	PCI/G	18	2	0.1111	1.800	5.900	3.850	2.050
S09	URANIUM 238, TOTAL	PCI/G	18	10	0.5556	9.900	61.900	20.840	14.872

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS

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SAMPLE ID:	BM2-01	BM3-01	BM3-01
SUB-SAMPLE ID:	A	A	B
STATION ID:	BM2	BM3	BM3
SAMPLE DATE:	08/04/1992	08/04/1992	08/04/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	0.00	1.00	3.00
LOWER DEPTH:	1.00	3.00	4.00
GROSS ALPHA, TOTAL PCI/G	6.4UY	10.9UY	20 +/- 11.60Y
GROSS BETA, TOTAL PCI/G	6UY	4.7UY	14.4 +/- 6.90Y
RADIUM 226, TOTAL PCI/G	0.5UY	0.6UY	0.7UY
RADIUM 228, TOTAL PCI/G	0.5 +/- 0.10Y	0.3UY	0.7 +/- 0.10Y
THORIUM 230, TOTAL PCI/G	0.7 +/- 0.40Y	0.5 +/- 0.30Y	1.4 +/- 0.60Y
THORIUM 232, TOTAL PCI/G	0.5UY	0.4UY	0.2UY
TOTAL THORIUM, BY ALPHA SCINT.			
URANIUM 234, TOTAL PCI/G	0.5UY	1 +/- 0.50Y	12.2 +/- 0.90Y
URANIUM 235, TOTAL PCI/G	0.7UYJC	0.6UYJC	1.8 +/- 0.40YJC
URANIUM 238, TOTAL PCI/G	0.2UYJB	0.3UYJB	9.9 +/- 0.80Y

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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS

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SAMPLE ID:	BM3D-01	C07-01	C08-01
SUB-SAMPLE ID:	DUP	B	B
STATION ID:	BM3D	C07	C08
SAMPLE DATE:	08/04/1992	03/31/1992	03/31/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	1.00	4.00	2.00
LOWER DEPTH:	3.00	5.00	4.00
GROSS ALPHA, TOTAL PCI/G	1.8UY	55.5 +/- 10.9DY	37.3 +/- 9.3DY
GROSS BETA, TOTAL PCI/G	10UY	32.5 +/- 5.1DY	24.9 +/- 4.8DY
RADIUM 226, TOTAL PCI/G	0.6UY	2.1 +/- 0.6DY	2.7 +/- 0.6DY
RADIUM 228, TOTAL PCI/G	0.4UY	4.8 +/- 2.5DY	2.8 +/- 1.6DY
THORIUM 230, TOTAL PCI/G	0.9 +/- 0.3DY		
THORIUM 232, TOTAL PCI/G	0.1UY		
TOTAL THORIUM, BY ALPHA SCINT. PCI/G		63 +/- 7.6DYJC	35.9 +/- 3.7DYJC
URANIUM 234, TOTAL PCI/G	0.7 +/- 0.5DY	10.6 +/- 4.2DYJS	1.7UYJSB
URANIUM 235, TOTAL PCI/G	0.7UYJC	0.6UYJSB	0.2UYJSB
URANIUM 238, TOTAL PCI/G	0.6UYJB	5.7UYJSB	3.1UYJSB

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS

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SAMPLE ID:	C09-01	C14-01	C15-01
SUB-SAMPLE ID:	A	A	B
STATION ID:	C09	C14	C15
SAMPLE DATE:	04/03/1992	03/31/1992	02/26/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	0.00	2.00	3.00
LOWER DEPTH:	2.00	4.00	5.00
GROSS ALPHA, TOTAL PCI/G	109 +/- 14.5DY	670 +/- 34.5DY	553 +/- 31.4DY
GROSS BETA, TOTAL PCI/G	57.5 +/- 6DY	252 +/- 10.8DY	194 +/- 9.6DY
RADIUM 226, TOTAL PCI/G	4.6 +/- 0.8DY	27.1 +/- 2DY	28 +/- 2DY
RADIUM 228, TOTAL PCI/G	5.4 +/- 1.4DY	90.4 +/- 5.3DY	52.2 +/- 4.6DY
THORIUM 230, TOTAL			
THORIUM 232, TOTAL			
TOTAL THORIUM, BY ALPHA SCINT. PCI/G	91.6 +/- 5.3DYJC	595 +/- 12.5DYJC	439 +/- 18.6DYJC
URANIUM 234, TOTAL PCI/G	5.8UYJB	15.7 +/- 3.5DY	8.5 +/- 2.1DYJS
URANIUM 235, TOTAL PCI/G	0.2UYJB	0.2UYJB	1UYJSB
URANIUM 238, TOTAL PCI/G	8.2UYJB	15.5 +/- 3.4DY	10.3 +/- 2.3DYJS

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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS

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SAMPLE ID:	C16-01	C20-01	C21-01
SUB-SAMPLE ID:	8	C	8
STATION ID:	C16	C20	C21
SAMPLE DATE:	04/01/1992	02/18/1992	04/07/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	2.50	6.50	2.00
LOWER DEPTH:	4.00	8.50	4.00
GROSS ALPHA, TOTAL PCI/G	248 +/- 21.3DY	22.8 +/- 7.8DY	172 +/- 17.9DY
GROSS BETA, TOTAL PCI/G	107 +/- 7.6DY	19.5 +/- 4.6DY	68.6 +/- 6.4DY
RADIUM 226, TOTAL PCI/G	14.8 +/- 1.5DY	1.9 +/- 0.5DYJH	7.9 +/- 1.1DY
RADIUM 228, TOTAL PCI/G	21.3 +/- 2.8DY	3.3 +/- 1.6DYJH	14.4 +/- 2.7DY
THORIUM 230, TOTAL			
THORIUM 232, TOTAL			
TOTAL THORIUM, BY ALPHA SCINT. PCI/G	216 +/- 7.7DYJC	29.2 +/- 5.6DYJC	139 +/- 6.3DYJC
URANIUM 234, TOTAL PCI/G	12.5 +/- 3.6DYJS	23.8 +/- 7.6DYJHS	9.1 +/- 3.6DYJS
URANIUM 235, TOTAL PCI/G	0.2UYJSB	1UYJSB	0.3UYJSB
URANIUM 238, TOTAL PCI/G	13.9 +/- 3.7DYJS	20.8 +/- 7.2DYJHS	11.4 +/- 4DYJS

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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOIL BORINGS
ALL OBSERVATIONS

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SAMPLE ID:	C24-01	C29-01	C37-01
SUB-SAMPLE ID:	B	B	A
STATION ID:	C24	C29	C37
SAMPLE DATE:	04/07/1992	04/01/1992	04/08/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	4.00	5.00	0.00
LOWER DEPTH:	6.00	7.00	2.00
GROSS ALPHA, TOTAL PCI/G	307 +/- 23.6DY	46 +/- 10.1DY	123 +/- 15.4DY
GROSS BETA, TOTAL PCI/G	124 +/- 8DY	29.7 +/- 5DY	52.5 +/- 5.9DY
RADIUM 226, TOTAL PCI/G	1.4 +/- 0.5DY	17.6 +/- 1.6DY	6.8 +/- 1DY
RADIUM 228, TOTAL PCI/G	40.5 +/- 3.3DY	4.2 +/- 1.7DY	10.9 +/- 2.7DY
THORIUM 230, TOTAL			
THORIUM 232, TOTAL			
TOTAL THORIUM, BY ALPHA SCINT. PCI/G	241 +/- 8.1DYJC	46.6 +/- 4.1DYJC	95.1 +/- 9.1DYJC
URANIUM 234, TOTAL PCI/G	19.8 +/- 10.9DYJS	5.7UYJB	3.5UYJB
URANIUM 235, TOTAL PCI/G	0.9UYJSB	2.4UYJB	0.1UYJB
URANIUM 238, TOTAL PCI/G	28.2 +/- 12.3DYJS	4.1UYJB	5.5UYJB

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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOIL BORINGS
 ALL OBSERVATIONS

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SAMPLE ID:	C37D-01	C38-01	C38-01
SUB-SAMPLE ID:	DUP	B	C
STATION ID:	C37D	C38	C38
SAMPLE DATE:	04/08/1992	02/18/1992	02/18/1992
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	0.00	10.00	12.00
LOWER DEPTH:	2.00	12.00	14.00
GROSS ALPHA, TOTAL PCI/G	100 +/- 14DY	8310 +/- 121DY	2300 +/- 63.5DY
GROSS BETA, TOTAL PCI/G	43.7 +/- 5.6DY	2970 +/- 35.2DY	741 +/- 17.8DY
RADIUM 226, TOTAL PCI/G	6.2 +/- 1DY	266 +/- 6.3DYJH	122 +/- 4.3DY
RADIUM 228, TOTAL PCI/G	9.1 +/- 2.7DY	283 +/- 8.8DYJH	220 +/- 8.5DY
THORIUM 230, TOTAL			
THORIUM 232, TOTAL			
TOTAL THORIUM, BY ALPHA SCINT. PCI/G	102 +/- 9.4DYJC	3920 +/- 77.4DYJC	1300 +/- 31.6DYJC
URANIUM 234, TOTAL PCI/G	7.4 +/- 4.5DYJS	31.8 +/- 3.4DYJH	8.2 +/- 1.5DY
URANIUM 235, TOTAL PCI/G	0.8UYJSB	5.9 +/- 1.5DYJH	1.7UYJB
URANIUM 238, TOTAL PCI/G	12.7 +/- 5.1DYJS	61.9 +/- 4.8DYJH	23.8 +/- 2.5DY

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Total Organic Carbon

TOC

CLIENT: CH2M HILL

REPORT DATE: May 28, 1992

SAMPLE ANALYZED: One sample analyzed for
the parameters listed
below.

PROJECT #: 9207-00020

DATE RECEIVED: April 9, 1992

TCT ST. LOUIS ID #: 92002356

P.O. #:

ST. LOUIS ID NUMBER	SITE CODE	TOC (MG/KG)
BLANK	-	< 1.0
92002356	240406	2220
92002356 DUP	240406	2023
92002356 MS RCVRV (%)	240406	115%
STD. RCVRV (%)	10 MG/L STD.	98%

TCT-ST. LOUIS

Sheet 1 of 2

TOC (Instrumental)

Analyst Paul DayDate 5-12-98Project No. 3216-7211 B

Checked By _____

Date _____

↓
9207-20Range Setting 40 41

Lab No.	Site Name	Sample Date			Inj.	DIN	Instr. Reading		QC	
			WT (g)	Solids (%)			TOC mg/L		% REC.	% RPD
	1513	2-12-92								
	1486									
	1545									
	1518									
	500 mg/L						500.2			
	1000						992.0			
	2500						2497			
	4000						3893			
ICV	2000		0.2				1871		94.9%	
ICB	2710-02 Blank	✓	0.2				0.657		< 5	
2701	2710-02-006	2-1-92	.0117	72.8			623.7	2929 mg/kg		
2702	↓ 02-007	↓	.0107	86.1			486.5	3112 mg/kg		
2703	↓ 02-008	↓	.0100	74.1			682.0	3682 mg/kg		

For Solids: Instrument Reading x (0.040 mL) = mg/kg TOC
(Sample gm) x (% Solids)

MAY 22 1998

9207-20

TCT-St. Louis

TCT-ST. LOUIS

Sheet 2 of 2

TOC (Instrumental)

Analyst Earl DayDate 5-12-92Project No. 3 216-72113

Checked By _____

Date _____

9207-20

Range Setting 4041

Lab No.	Site Name	Sample Date			Inj.	DIN	Instr. Reading		QC	
			WT % Solids	Weight Vol (g)			TOC mg/L		% REC.	% RPD
2704*	72113-02-009 (water)	5-1-92	(1 g/1 ml)	(4041)			mg/L 15.56	mg/kg <5		
CCV	2000 mg/l	5-12-92					1839	368 mg/kg	92%	
CCB							0.714	<5 mg/kg		
CCV	2000 mg/l						2085	417 mg/kg	104%	
CCB							0.001	<5		
2356	240406	5-7-92	85.8%	.0154			734.6	2224 mg/kg		
2356	(6856) M.S.W.			.0136			2943	19088	115%	MS Rec
2556	2459 mg/kg M.S.W.			.0125			2830	10,555	112%	MS Rec
2556	Dup			.0164			711.8	2023	142%	5-12-92 M.C.D.
CCV	2000 mg/l	5-12-92					1967	393 mg/kg	98%	
CCB							0.021	<5		
									ACCEPTED	
									MAY 22 1992	

* This water sample was run as a soil here. It was

For Solids: Instrument Reading x (.040 mL) = mg/kg TOC
(Sample gm) x (% Solid)

previously run as a water
FORM 1121 & Reported in mg/l

Earl Day
5-12-92

K. M. M. M. M.

TCT-St. Louis

STANDARDS SOURCES

ANALYTE (TOC) KHP

Calibration Standards

ICV/CCV Standards

Source:

Fisher 90-5957

NBS-194

Prep. Date:

5-12-92

5-12-92

Prep. By:

Paul Day

Paul Day

Project 3216-721

5-12-92 *Sail Day*
SELFTEST
NO ERRORS

1 TOC 1513 *Instrument*

2 TOC 1486 *Cal*

3 TOC 1545

4 TOC 1518

CAL -- 48 UL

CAL AVE 1515

CAL ADJ 1998

CAL -- 48 UL

CAL ADJ 1998

1 TOC 497.4 *Will repeat*

1 CANCELLED

TIMEOUT ERROR 50%.

2 TOC 588.2 *500 mg/l*

3 TOC 992.8 *1000 mg/l*

4 TOC 2497 *2500 mg/l*

5 TOC 3632 *drip test*

6 TOC 39.97 *Will R.P.*

7 TOC 3893 *4000 mg/l*

8 TOC 1872 *CCV*

9 TOC 8.657 *CCB*

10 TOC 623.7 *2701*

11 TOC 486.5 *2702*

12 TOC 682.8 *2703*

13 TOC 15.56 *2704*

water sample

14 TOC 1839 *CCV*

15 TOC 8.714 *CCB*

15 TOC 8.714 *CCB*

16 TOC 65.94 *NR*

17 TOC 37.37 *NR*

18 TOC 2885 *CCV*

19 TOC 8.881 *CCB*

20 *NA* TOC 595 *2356*

21 *NA* TOC 734.6 *Tipped*

22 TOC 2943 *2356*

23 TOC 2938 *2356 MS*

24 TOC 3492 *2356 MS*

2356 sample Not Re:

MS

MS

sample

25 TOC 711.8 *2356*

26 TOC 2785 *DUP*
MS, NR

27 TOC 2253 *NR for*

28 TOC 2248 *NR 2356*

29 TOC 1326 *NR*

30 TOC 1537 *NR*

31 TOC 1967 *CCV*

32 TOC 8.821 *CCB*

Sail Day 5-12-92

C26(C-6)

TOC

Twin City Testing
1908 Innerbelt Business Center Dr.
St. Louis, Mo. 63114-5700

Date: April 08, 1992
Project No: 9207-00002

Project: CH2M-HILL -- NJ022948.SW.SP

CH2M-HILL SITE ID:	FA-SB-C26 (0-6)
TCT-ST. LOUIS LAB NO:	92001247
FILE ID #:	260006

TOC(MG/KG)

12440

TCT-ST. LOUIS

Sheet 1 of 2

TOC (Instrumental)

Analyst Paul DayDate 3-20-92Project No. 920709

Checked By _____

Date _____

Range Setting 40.4 L

Lab No.	Site Name	Sample Date			Inj.	% Solids BIN	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
	1306	3-20-92								
	1499									
	1523									
	500 mg/L						533.2			
	4000						3745			
1CV	2000						1933		96.6%	
1CB	empty Boat						2.239		< 5	
1355	310810		0.0330			89.3	cancelled		(Time out error)	
			0.0174				1660		will be slurried error	
			0.0150				cancelled		(No Error light But ready light was not activated)	
							cancelled		(Time out error)	
1247	260006		0.0109			88.8	3011	12443	48/g	
			0.0108				cancelled		(Time out error)	
Sample 1355 will have to be slurried to determine Dup & MS										

For Solids: Instrument Reading x (0.040 mL) = mg/kg TOC ACCEPTED
 (Sample gm) x (% Solid)

MAR 26 1992

K. M. M. M.

TCT-St. Louis

TCT-ST. LOUIS

Sheet 2 of 2

TOC (Instrumental)

Analyst S. J. DayDate 1-20-92Project No. 9207-07

Checked By _____

Date _____

Range Setting 40.4

Lab No.	Site Name	Sample Date			Inj.	% Solids DIN	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
Blank	D. Water	3-20-92	-	-		-	19.58	19.6 mg/L 20.0		
1355	31-312 (slurry)	3-17-92	1.020g	20 ml	40.4	89.3	80.30	176.2	99%	
	Dup	1					89.90	197.3	99%	11.20
	sample tipped - 11/11/11						-	-		
	21144 47/8 MS	1					10.32	22647	99%	95%
CCU	2400 mg/L	3-20-92	-			-	2001	2001	100%	
CCB	Empty Bant	1	-			-	5.150	<5		
ACCEPTED										

For Solids: Instrument Reading x (0.040 mL) = mg/kg TOC
(Sample gm) x (% Solid)

SELF TEST
NO ERRORS
Project 9207-09
Sail Day 3-20

NO CAL -- 40 UL
1 TOC 1506

2 TOC 1499

3 TOC 1523

(CAL -- 40 UL
CAL AVE 1509
CAL ADJ 1998

1 TOC 533.2 500-

2 TOC 3745 4000-

3 TOC 1933 2000-

4 TOC 2.239 Empty

5 TOC 3417 13 55

5 CANCELLED

TIMEOUT ERROR< 10%

6 TOC 1660

7 TOC 1287

7 CANCELLED

TIMEOUT ERROR< 10%

8 TOC 3011 124

9 TOC 3081

9 CANCELLED 1247

TIMEOUT ERROR< 100%

10 TOC 37.23 Burr

11 TOC 19.58 01 B1

12 TOC 80.32 7955

13 TOC 89.90 5100

14 TOC 485.3 1000

15 TOC 1032 1000

16 TOC 2001 CUV

17 TOC 5.150 CLB

TOC

TCT ST. LOUIS
1908 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MO 63114

DATE OF REPORT: 04/13/92

9207-00009

CH2MHILL SAMPLE ID: 310810
TCT SAMPLE NO.: 92001355
DATE SAMPLED: 02/26/92

TOC RESULTS (UG/G): 1760
Duplicate results: 1973 %rpd = 11
Matrix spike results: 22600 %recovery = 95

Percent Solids: 80.3

TCT-ST. LOUIS

Sheet 1 of 2

TOC (Instrumental)

Analyst Paul DayDate 3-20-92Project No. 920709

Checked By _____

Date _____

Range Setting 40.4 L

Lab No.	Site Name	Sample Date			Inj.	% Solids DIN	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
	1506	3-20-92								
	1499	↓								
	1523									
	500 mg/L						533.2			
	4000	↓					3745			
1CV	2000						1933		96.6%	
1CB	Empty Boat						2.239		<5	
1355	310810		0.0330			89.3	cancelled		(Time out error)	
↓	↓		0.0174			↓	1660		will be slurried error	
			0.0150			↓	cancelled		(No Error light. But ready) (Light not activated)	
1247	260006		0.0109			88.8	3011	12,443	49/9	
↓	↓		0.0108				cancelled		(Time out error)	
Sample 1355 ³⁻²¹⁻⁹² will have to be slurried to determine dup & MS										

For Solids: Instrument Reading x (0.040 mL) = mg/kg TOC
 (Sample gm) x (% Solid)

ACCEPTED

MAR 26 1992

William M. Pardo (TCT St. Louis)

TOC (Instrumental)

Analyst Saint DayDate 3-20-92Project No. 9207-09

Checked By _____

Date _____

Range Setting 40.4

Lab No.	Site Name	Sample Date			Inj.	% Solids DIN	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
Blank	DI water	3-20-92	--	--		--	19.58	19.6 mg/L 20.0		
1355	310.81 (slurry)	3-19-92	1.0206g	20 ml	40.4	89.3	80.30	176.2 mg/L		
	Dup						89.90	197.3 mg/L		11.2%
	sample Tipped - it will be re-processed						--	--		
	21444 mg/kg MS						10.32	22647 mg/L		95%
CCU	2000 mg/L	3-20-92	--	--		--	2001	2001	100%	
CCB	Empty Boat		--	--		--	5.150	<5		
ACCEPTED MAR 26 1992 <i>[Signature]</i>										

For Solids: Instrument Reading x (0.040 mL) = mg/kg TOC
(Sample gm) x (% Solid)

SELF TEST
NO ERRORS
Project 9207-09
Sail Day 3-20-9

NO CAL -- 40 UL
1 TOC 1506

2 TOC 1499

3 TOC 1523

(CAL -- 40 UL

CAL AVE 1509

CAL ADJ 1998

1 TOC 533.2 500m

2 TOC 3745 4000m

3 TOC 1933 2000m

4 TOC 2.239 Empty &

5 TOC 3417 13 55

5 CANCELLED

TIMEOUT ERROR< 10%

6 TOC 1660

7 TOC 1287

7 CANCELLED

TIMEOUT ERROR< 10%

8 TOC 3011 1247

9 TOC 3081

9 CANCELLED 1247

TIMEOUT ERROR< 100%

10 TOC 37.23 Burn
Boat

11 TOC 19.58 D1 Blom

12 TOC 80.32 7355

13 TOC 89.98 Slurry
Dump

14 TOC 485.3 spilled

15 TOC 1032 M S

16 TOC 2001 CUV

17 TOC 5.150 CLB

Physical Characterization

GEOTECH

REPORTED TO: Twin City Testing Corporation
1908 Innerbelt Business Center Dv
St. Louis, MO 63114-5700
Attn: Paul Smith

DATE: March 11, 1992

PROJECT NO: 4122 02-0055

COPIES TO:

PROJECT: CH2M - HILL PROJECT

SAMPLE IDENTIFICATION: DS-SB-C31 (8-10)

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	94
#4	87
#10	81
#40	68
#100	50
#200	38
0.01 mm	15
0.005	11
0.0013	6.8

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 11.5%

REMARKS: This sample was received on March 3, 1992.

Donald A. King



twin city testing
corporation

662 CROMWELL AVENUE
ST. PAUL, MN 55114
PHONE 612/645-3601

REPORTED TO: Twin City Testing Corporation
1908 Innerbelt Business Center Dv
St. Louis, MO 63114-5700
Attn: Paul Smith

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#40	68
#100	50
#200	38
0.01 mm	15
0.005	11
0.0013	6.8

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 11.5%

REMARKS: This sample was received on March 3, 1992.

James A. King



twin city testing
corporation

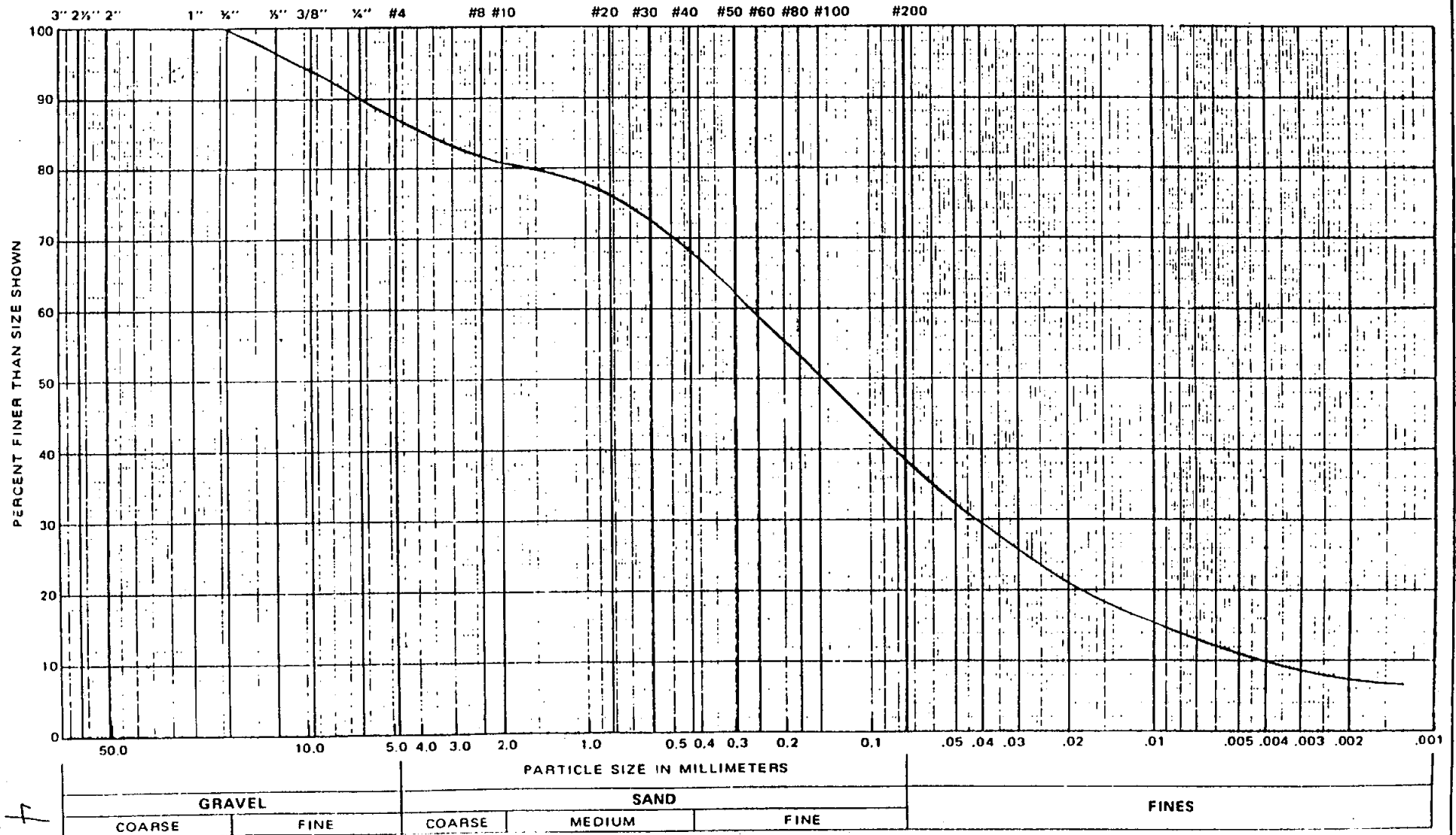
Sample No. DS-SB-C31(8-10)

Project: CH2M - HILL PROJECT

Reported To: TCT-St. Louis, MO

GRAIN SIZE DISTRIBUTION CURVE

U.S. STANDARD SIEVE SIZES



MOISTURE-DENSITY-ATTERBERG LIMIT TESTS

[illegible][illegible][illegible]

Blows (N)	25				22			
Pan No.	5L				ZB			
Wt. Pan	2.60				2.60			
Wt. Pan & Wet Soil	22.39				21.15			
Wt. Pan & Dry Soil	19.57				18.39			
Moisture Loss	2.82				2.76			
Wt. Dry Soil	16.97				15.79			
% Moisture	16.6				17.5			
Corrected LL	17				17.2			

Pan No.	K 27				AO				
Wt. Pan	1.44				1.42				
Wt. Pan & Wet Soil					10.39				
Wt. Pan & Dry Soil					9.23				
Moisture Loss					1.16				
Wt. Dry Soil					7.81				
% Moisture					14.9				5

SPECIFIC GRAVITY TESTS

No. 4122 02-0055 Project Eng. _____ Table No. _____ Technician _____ Date _____ Time _____

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
 TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
 TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
 TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No.	FA SB C-26		DS SB C-31			
Pycnometer No.	#43		#46			
WT. Pyc. (including CAP)						
Wt. Pyc. + Oven Dry Soil						
Wt. Oven Dry Soil (Wo)	72.87		52.41			
Wt. Pyc + H ₂ O @ 20° C (Wa)	343.03		343.03			
Wt. Pyc + H ₂ O + Soil @Tx(Wb)	388.80		376.05			
Temperature (Tx)	20°					
Correction Factor K	2.69		2.70			

Tx DEG. C	Relative H ₂ O Density	Corr., Factor K
18	0.998624	1.0004
19	0.998435	1.0002
20	0.998234	1.0000
21	0.9980233	0.9998
22	0.997802	0.9996
23	0.997570	0.9993
24	0.997329	0.9991
25	0.997077	0.9989
26	0.996816	0.9986
27	0.996545	0.9983
28	0.99626	0.9980
29	0.99598	0.9977
30	0.995678	0.9974

Pan = 46

1.89

$$G_{20} = \frac{W_s}{W_s + (W_a - W_b)}$$

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 19

Date: 03/09/92
Project No.: 4122 02-0055
Project: CH 2 M-Hill

Sample Data

Location of Sample: DS-SB-C31
Sample Description:
USCS Class: SM Liquid limit: 17
AASHTO Class: Plasticity index: 2

Notes

Remarks: DETH (08 - 10)

Fig. No.:

Mechanical Analysis Data

Sieve	Size, mm	Percent finer
0.75 inches	19.05	100.0
0.375 inches	9.53	94.2
# 4	4.760	86.7
# 10	2.000	80.7
# 20	0.840	74.6
# 40	0.420	68.4
# 60	0.250	59.8
# 100	0.149	50.3
# 200	0.074	38.2

Hydrometer Analysis Data

Size, mm	Percent finer
0.0422	31.9
0.0312	26.6
0.0203	22.8
0.0122	16.6
0.0088	14.7
0.0056	12.0
0.0031	9.2
0.0013	6.8

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 13.3 % SAND = 48.5
% SILT = 26.8 % CLAY = 11.4

D85= 3.89 D60= 0.251 D50= 0.146
D30= 0.0376 D15= 0.00933 D10= 0.00376
Cc = 1.4962 Cu = 66.8344



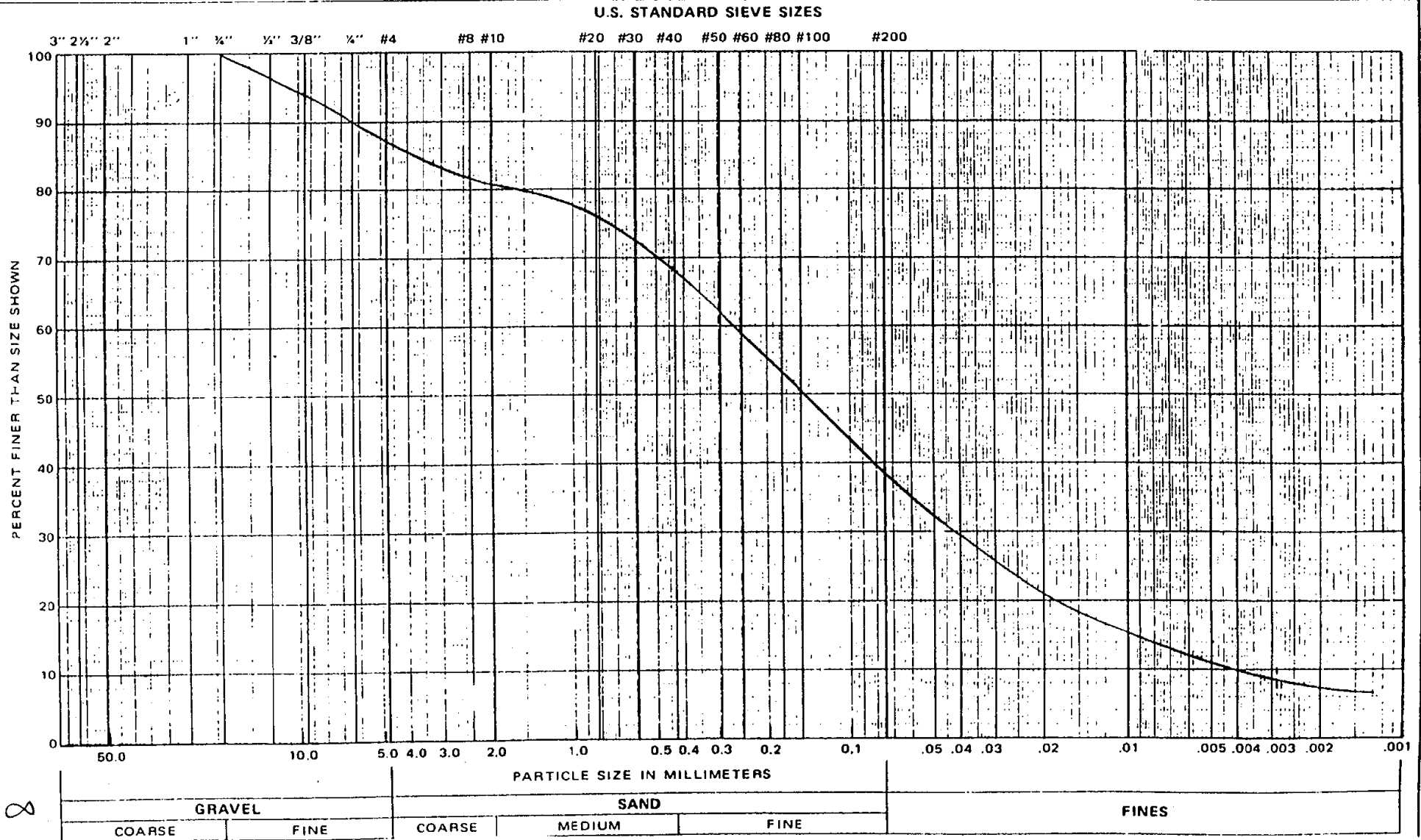
twin city testing
corporation

Sample No. DS-SB-C31(8-10)

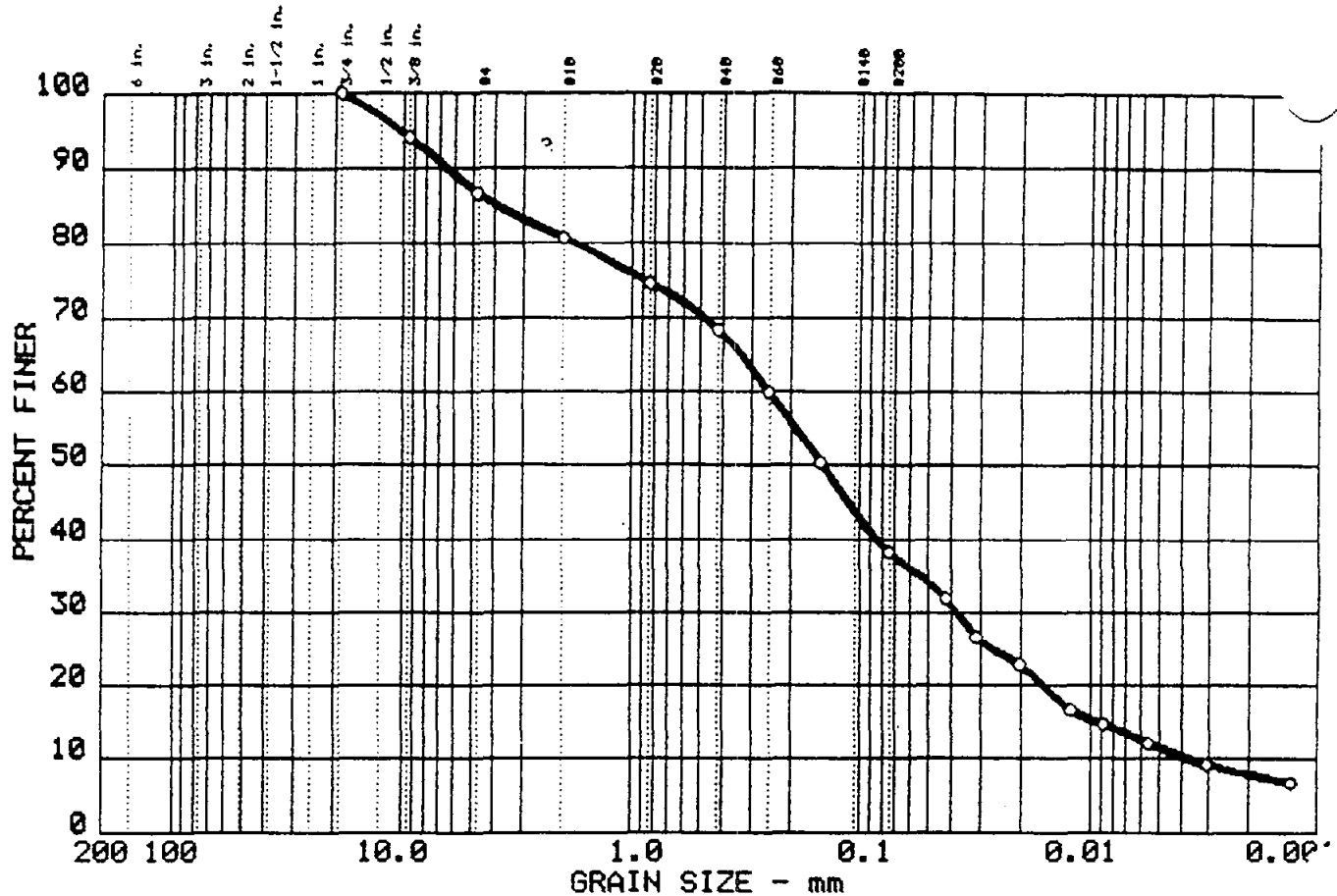
Project: CH2M - HILL PROJECT

Reported To: TCT-St. Louis, MO

GRAIN SIZE DISTRIBUTION CURVE



GRAIN SIZE DISTRIBUTION TEST REPORT



Test	%+75 _μ	% GRAVEL	% SAND	% SILT	% CLAY
19	0.0	13.3	48.5	26.8	11.4

LL	PI	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
17	2	3.89	0.25	0.15	0.038	0.0093	0.0038	1.50	66.8

MATERIAL DESCRIPTION	USCS	AASHTO
	SM	

Project No.: 4122 02-0055 Project: CH 2 M-Hill Location: DS-SB-C31 Date: 03/09/92	Remarks: DETH (08 - 10)
GRAIN SIZE DISTRIBUTION TEST REPORT TWIN CITY TESTING CORPORATION	
Figure No.	



HYDROMETER ANALYSIS OF SOIL (ASTM:D422) (worksheet)

PROJECT CA 2 M - Hill 4/22-02-0055 DATE 3/5/92
 DRY WEIGHT OF SOIL (-#10) 83.58 HYDROMETER NO SAMPLE NUMBER DS-SB-C31 (8-10)
 SP GR OF SOIL 2.70 $a = .9889$ $a/w \times 100 = 1.183$ OPERATOR Abonite

Time	Interval T, (min)	Temp °C	Hyd Reading	Corr	Corr Reading	L	V L/T	K	D	Percent in Suspension	Percent of Total Sample
1/2											
1:10	1	21.5	37	3.0	33.1	10.2	3.194	.0132	.0422	39.5	31.9
9:07	2	↓	31.5		27.9	11.1	2.361		.0412	33.0	26.6
9:10	5	↓	27.5		23.9	11.8	1.536		.0203	28.3	22.8
9:20	15	21.5	21		17.1	12.9	0.927		.0122	20.4	16.6
9:35	30	21.5	19	↓	15.4	13.2	.663	↓	.0088	18.2	14.7
10:00	60	22	16	3.4	12.6	13.7	.427	.0132	.0056	14.9	12.0
1:15	250	22	13	↓	9.6	14.2	.238	↓	.0031	11.4	9.2
2:05	1440	22	10.5	3.4	7.1	14.6	.101	↓	.0013	8.1	6.8

SIEVE ANALYSIS

TOTAL SAMPLE	
On 2"	- - -
2 - 1 1/2	- - -
1 1/2 - 1	- - -
1 - 3/4	0 - - - 100
3/4 - 3/8	44.85 - 5.8 - 94.2
3/8 - #4	58.31 - 7.5 - 16.7
#4 Down	- - -
Check	- - -
Orig Wt	- - -
4-10	46.44 - 16.0 - 80.7
10 Down	69.93 - 62.14 - 80.7
Check	77.34 - - -
Orig Wt	- - -

HYDROMETER SAMPLE	
	-#10 Overall
On #10	0 - - - 80.7
10-20	6.33 - 7.6 - 67.1 - 74.6
20-40	6.36 - 7.6 - 84.7 - 108.1
40-60	8.93 - 10.7 - 74.1 - 89.7
60-100	9.84 - 11.8 - 102.3 - 120.3
100-200	12.70 - 14.6 - 47.7 - 29.5
200-270	.21 - 17.7 - - -
270 Down	- - -
Check	- - -
Orig Wt	83.58
After Wash	43.86
Loss	39.72

MOISTURE CONTENT	
t Wt	76.28 : 84.02
Dry Wt	75.89
Loss	.40
Mois. Cont	- - -

#25 2
 76.29
 2.21
 78.50 94.53
 78.10 178.55
 0.40 84.02

28.60
 224.31
 204.14
 20.17
 175.54

L.L = 17.
 P.L = 15
 P.I = 2

M.C. = 11.5%



TWIN CITY TESTING
CORPORATION

TESTS OF SOIL

PROJECT : CH7M - Hill Project

DATE: _____

REPORTED TO: Twin City Testing

FURNISHED BY: _____

St Louis Mo

COPIES TO: _____

Attn. Paul Smith

LABORATORY NO: _____

DS-SB-C31 (8-10)

SAMPLE IDENTIFICATION:

~~FA-SB-C31 (1-6)~~

MECHANICAL ANALYSIS: (See attached curve)

Passing	3/4"	100 %
	3/8"	94
	# 4	87
	# 10	81
	# 20	68
	# 40	50
	# 60	38
	0.075 mm	15
	0.05	11
	0.0075	6.8

AFTER AIR LIMITS

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT

11.5 %

Traffic Report & Chain of Custody Record

of 2



Project Number NJO 22948- <i>SL</i>	Project Name STEPAN COMPANY	Date Shipped 2.27.92	Carrier FED-X
Client Name STEPAN COMPANY		Airbill Number 3667028326	
Project Manager Mary Manto	Copy to:	Ship To: TCT ST. LOUIS 1908 INNERBETT BUSINESS CTR ST. LOUIS, MO 63114	
Requested Comp. Date ROUTINE			
Sampler (Name): L. GAVIN			

Box No. 1 Preservation	Box No. 2 Sample Description
1. HCl 2. HNO3 3. NaOH 4. H2SO4 5. Ice only 6. Other (Specify) N. Not preserved	1. Surface Water 2. Ground Water 3. Rinse 4. Soil/Sediment 5. Oil 6. Waste 7. Other (Specify)

Station Number	Enter # from Box 2	Conc. Low Med. High	Sample Type: Comp./Grab	Preservative from Box 1	Analysis Requested										Date	Time	Remarks
					TCL-VOA	TCL-BNA	TCL-PEST	TCL-PCB	Carb. d-lim. α-Pinene	TCLP	TCN	Radnuc	TOC	GEOTECH.			
DS-SB-C31(F-10)	4	LOW	GRAB	5	X	X	X	X	X	X	X	X	X	X	2.25.92	0850	GEOTECH = AMERLAB UNIT, REMOVED
SL-SB-C15(F-7)	4	LOW	GRAB	5	X	X	X	X	X	X	X			X	2.26.92	1430	
DS-SB-C31(F-10)	4	LOW	GRAB	5									X	X	2.25.92	0850	Grain Size ENTERED = AMERLAB UNIT, REMOVED
DS-SB-BM-1	7	*	GRAB	5	X	X	X	X	X	X	X				2.25.92	1400	* STAINLESS STEEL, NO TAD/CANON OF ORGANIC OR RADIOACTIVE CONTAMINANT
SL-SB-FB10	3	LOW	GRAB	1	X										2.26.92	1800	
SL-SB-FB-10	3	LOW	GRAB	5		X	X	X	X					X	2.26.92	1800	
SL-SB-FB-10	3	LOW	GRAB	3							X				2.26.92	1800	
SL-SB-FB-10	3	LOW	GRAB	2										X	2.26.92	1800	
SL-SB-C15(3-5)	4	LOW	GRAB	5	X	X	X	X	X	X	X			X	2.26.92	1420	
SL-SB-C15(6-2)	4	LOW	GRAB	5	X	X	X	X	X	X	X			X	2.26.92	1400	

Chain of Custody Record					
Relinquished by: (Signature) <i>Laura Gavin</i>	Date/Time 2.27.92 2000	Received by: (Signature) Fed X	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature) <i>BM / L. Gavin</i>	Date/Time 3/2/92 10:00	Remarks Sample Temp. 15°C	Is custody seal intact? Y/N/none

SAMPLE TRACKING FORM

Sample # DS-SB-C31(8-10)

Project # NJO22948 DS-SL

Station # C31(8-10)

Sample Matrix Soil

Sample Type CRAB

Field VOC Reading 1

Date Sampled 2-25-92

Time Sampled 08:50

Field Rad Reading 2.4

Logbook #2

Page # 71

B/x = 284

Name of Sampler L. GANN, M. SNIPE

Sample Description FIELD SAMPLE

FSL Results:

Gross Alpha

pCi/L

10.5 pCi/g

(Circle One)

Gross Beta/Gamma

pCi/L

7.5 pCi/g

ARE THESE RESULTS ABOVE MGM LIMITS? YES

NO

Liquid Limits - Alpha = 30 pCi/L, Beta = 500 pCi/L

Solid Limits - Alpha = 15 pCi/g, Beta = 50 pCi/g

Analytical Fraction	Number of Containers	SDG #	Lab QC Sample	Container Lot #	LAB	Date Shipped	Airbill #	Req. To around
FSL RAD SCREEN								
TCL VOC								
TCL BNA								
TCL PEST/PCB								
TAL METALS/CN								
d-LIMONENE, CAFFINE, α - PINENE								
RADIONUCLIDES								
TOC	<u>1</u>		<u>N/A</u>	<u>0131501C</u>		<u>2-27-92</u>	<u>34671832</u>	<u>20011</u>
GEOTECH <u>1 - 90% moisture</u> <u>4 - Afternoon KAT</u> <u>CRAB 5/20</u>	<u>5</u>		<u>N/A</u>	<u>0131501C</u>		<u>2-27-92</u>	<u>34671832</u>	<u>20011</u>

THE SHADED AREA SHOULD BE FILLED OUT BY THE SAMPLE MANAGER. THE FIELD SAMPLING CREW SHOULD FILL OUT THE REMAINDER OF THE FORM PRIOR TO SAMPLE DELIVERY TO THE SAMPLE MANAGER.

C26(0-6)

GEOTECH

9.
-m

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dr.
St. Louis, Mo. 63114-5700
Attn: Paul Smith

DATE: MARCH 11, 1992

PROJECT NO: 4122 02-0055

COPIES TO:

PROJECT: CH2M - HILL PROJECT

CH2M-HILL SITE ID: FA-SB-C26 (0-6)
TCT-ST. LOUIS LAB NO: 92001247
FILE ID #: 260006

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	97
#4	93
#10	88
#40	73
#100	43
#200	29
0.01 mm	11
0.005	8.0
0.0013	5.2

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 13.7%

REMARKS:

This sample was received on February 28, 1992.



twin city testing
corporation

662 CROMWELL AVENUE
ST. PAUL, MN 55114
PHONE 612/645-3601

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dv
St. Louis, MO 63114-5700
Attn: Paul Smith

DATE: March 11, 1992

PROJECT NO: 4122 02-0055

PROJECT: CH2M - HILL PROJECT

COPIES TO:

SAMPLE IDENTIFICATION:

FA-SB-C26 (0-6)

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	97
#4	93
#10	88
#40	73
#100	43
#200	29
0.01 mm	11
0.005	8.0
0.0013	5.2

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT:

13.7%

REMARKS:

This sample was received on February 28, 1992.

Paul Smith

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dv
St. Louis, MO 63114-5700
Attn: Paul Smith

DATE: March 11, 1992

PROJECT NO: 4122 02-0055

COPIES TO:

PROJECT: CH2M - HILL PROJECT

SAMPLE IDENTIFICATION: FA-SB-C26 (0-6)

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	97
#4	93
#10	88
#40	73
#100	43
#200	29
0.01 mm	11
0.005	8.0
0.0013	5.2

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 13.7%

REMARKS: This sample was received on February 28, 1992.

James F. King



PERCENT FINER THAN SIZE SHOWN

50.0 10.0 5.0 4.0 3.0 2.0 1.0 0.5 0.4 0.3 0.2 0.1 0.05 0.04 0.03 0.02 0.01 0.005 0.004 0.003 0.002 0.001

PARTICLE SIZE MILLIMETERS

GRAVEL SAND FINES

[illegible]

Pan No.	2
Wt. of Pan	7.96
Wt. Pan & Wet Soil	230.08
Wt. Pan & Dry Soil	203.29
Moisture Loss	26.79
Wt. Dry Soil	195.33
% Moisture	13.7

[illegible]

Blows (N)	25	22
Pan No.	5L	2B
Wt. Pan	2.60	2.60
Wt. Pan & Wet Soil	22.39	21.15
Wt. Pan & Dry Soil	19.57	18.39
Moisture Loss	2.82	2.76
Wt. Dry Soil	16.97	15.79
% Moisture	16.6	17.5
Corrected LL	17	17.2

Pan No.	K 27			40			
Wt. Pan	1.44			1.42			
Wt. Pan & Wet Soil				10.39			
Wt. Pan & Dry Soil				9.23			
Moisture Loss				1.16			
Wt. Dry Soil				7.81			
% Moisture				14.9			

L.L. 2.3

SPECIFIC GRAVITY TESTS

Job No. 4122 02-0055 Project Eng _____ Table No. _____ Technician _____ Date _____ Time _____

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No.	FA SB C-26		DS SB C-31			
Pycnometer No.	#43		#46			
WT. Pyc. (including CAP)						
Wt. Pyc. + Oven Dry Soil						
Wt. Oven Dry Soil (Wo)	72.87		52.41			
Wt. Pyc + H ₂ O @ 2 ° C (Wa)	343.03		343.03			
Wt. Pyc + H ₂ O + Soil @Tx(Wp)	388.80		376.05			
Temperature (Tx)	20°					
Correction Factor K	2.69		2.70			

Tx DEG. C	Relative H ₂ O Density	Corr., Factor K
18	0.998624	1.0004
19	0.998435	1.0002
20	0.998234	1.0000
21	0.9980233	0.9998
22	0.997802	0.9996
23	0.997577	0.9993
24	0.997329	0.9991
25	0.997077	0.9989
26	0.996816	0.9986
27	0.996545	0.9983
28	0.99626	0.9980
29	0.996598	0.9977
30	0.996678	0.9974

Pan # 46

1.99

$$G @ 20^{\circ}C = \frac{W_1}{W_1 + (W_2 - W_3)}$$

SL-3 (10-A)

=====

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 17

Date: 3/06/92
 Project No.: 4122 02-0055
 Project: CH 2 M-Hill

=====

Sample Data

Location of Sample: FA-SB-C26(0-6)
 Sample Description: SILTY SAND W/GRAVEL, FINE GRAINED
 USCS Class: SM Liquid limit:
 AASHTO Class: Plasticity index:

Notes

Remarks: SAMPLE NO.: 0131501C DEPTH (ft): 0 - 6
 TYPE OF SAMPLE: BULK
 Fig. No.:

Mechanical Analysis Data

Sieve	Size, mm	Percent finer
0.75 inches	19.05	100.0
0.375 inches	9.53	97.0
# 4	4.760	93.3
# 10	2.000	88.5
# 20	0.840	83.1
# 40	0.420	73.1
# 60	0.250	57.8
# 100	0.149	42.7
# 200	0.074	28.9

Hydrometer Analysis Data

Size, mm	Percent finer
0.0328	19.0
0.0210	15.9
0.0122	12.9
0.0088	9.8
0.0062	8.3
0.0031	6.7
0.0013	5.2

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 6.7 % SAND = 64.4
 % SILT = 21.1 % CLAY = 7.8

D85= 1.07 D60= 0.268 D50= 0.194
 D30= 0.0790 D15= 0.01728 D10= 0.00896
 Cc = 2.6002 Cu = 29.8538

Sample No FA-SB-C26(0-6)



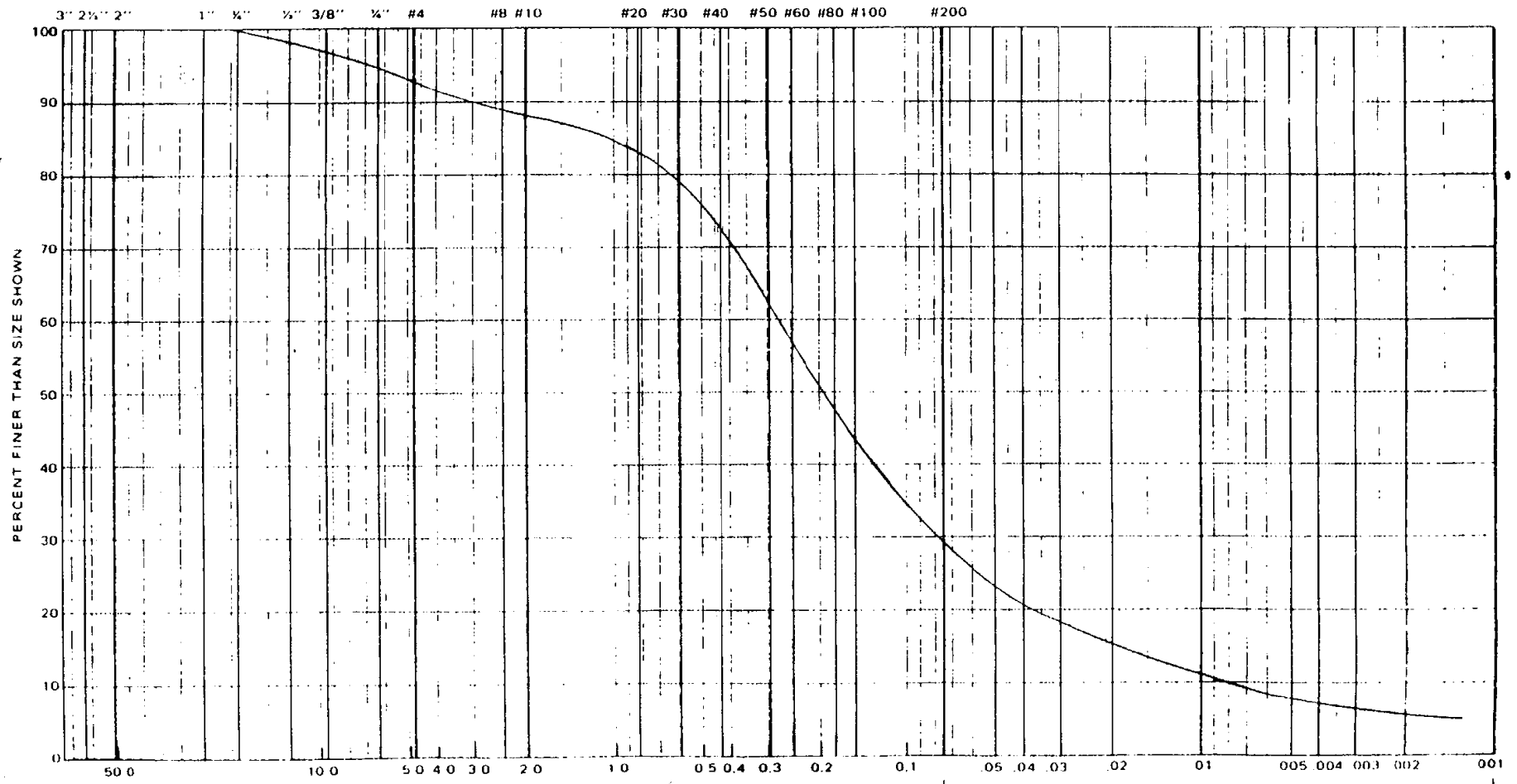
twin city testing
corporation

Project: CHEM - HILL PROJECT

Reported To: TCT-St. Louis, MO

GRAIN SIZE DISTRIBUTION CURVE

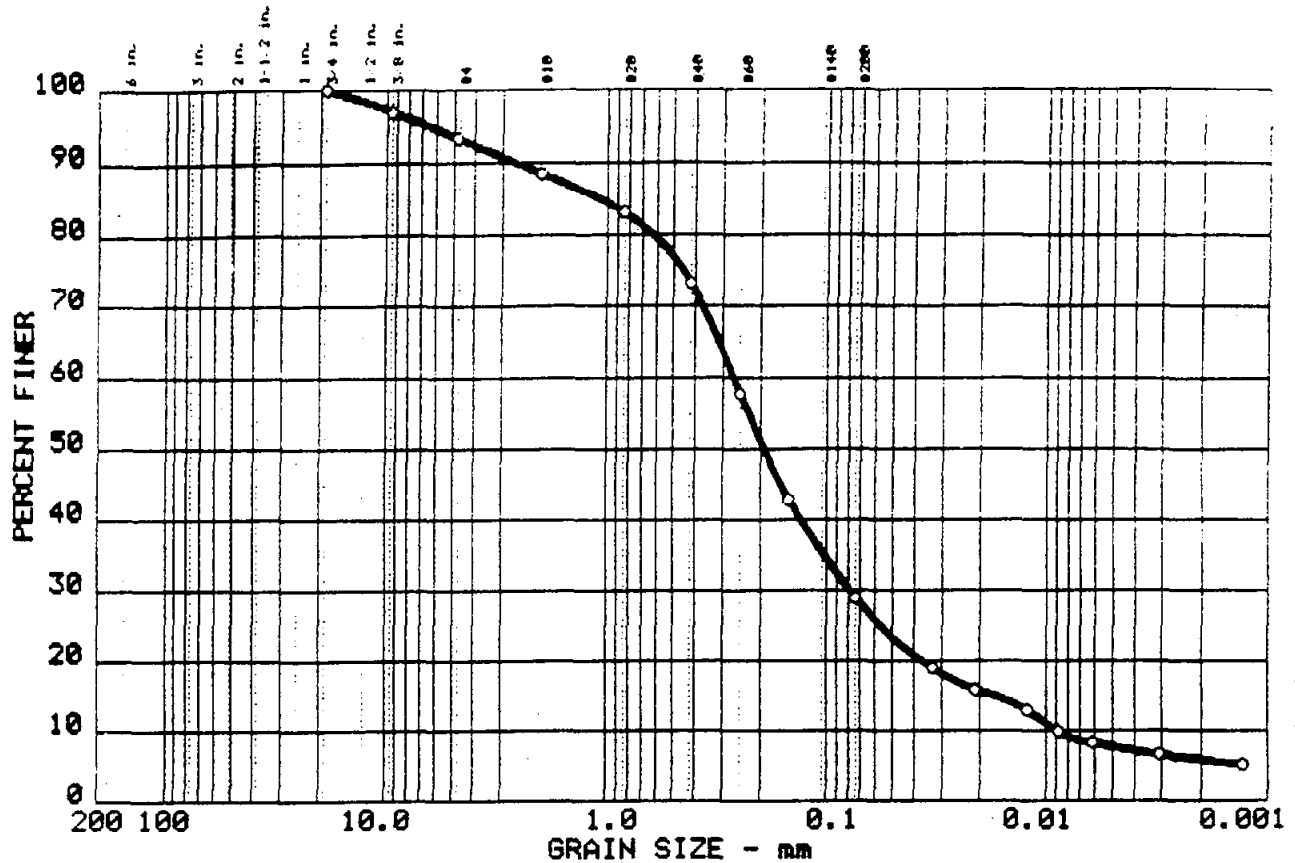
U.S. STANDARD SIEVE SIZES



GRAVEL

FINES

GRAIN SIZE DISTRIBUTION TEST REPORT



Test	%+75 _μ	% GRAVEL	% SAND	% SILT	% CLAY
17	0.0	6.7	64.4	21.1	7.8

LL	PI	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
		1.07	0.27	0.19	0.079	0.0173	0.0090	2.60	29.9

MATERIAL DESCRIPTION	USCS	AASHTO
SILTY SAND W/GRAVEL, FINE GRAINED	SM	

Project No.: 4122 02-0055
 Project: CH 2 M-Hill
 Location: FA-SB-C26(0-6)

Date: 3/06/92

GRAIN SIZE DISTRIBUTION TEST REPORT
 TWIN CITY TESTING CORPORATION

Remarks:
 SAMPLE NO.: 0131501C
 DEPTH (ft): 0 - 6
 TYPE OF SAMPLE: BULK

Figure No.

JOB NO. 4122 02-0055 PROJECT ENG. _____ TABLE NO. _____ TECHNICIAN HR DATE 3/4/92 TIME _____

Location
Boring No. FA SB - C26 sample No. 0131501C Depth 0-6'

Test	Oric MC	Hvc MC
Sample No.		
Pen No.	<u>2</u>	<u>43</u>
Wt. Pan	<u>7.96</u>	<u>1.99</u>
Wt. Pan & Wet Soil	<u>230.08</u>	<u>75.22</u>
Wt. Pan & Dry Soil	<u>203.29</u>	<u>74.82</u>
Moisture Loss	<u>26.79</u>	<u>0.40</u>
Wt. Dry Soil	<u>195.33</u>	<u>72.83</u>
Percent Moisture	<u>13.7</u>	<u>0.55</u>

SIEVE SIZES	WEIGHT (GRAMS)	PER CENT OF		% FINE TOTAL
		# 10	TOTAL	
RET. ON 1 1/2"				
1 1/2" - 1"				
1" - 3/4"				100.0
3/4" - 3/8"	<u>36.91</u>			97.0
3/8" - #4	<u>45.60</u>			93.3
#4 - #10	<u>57.67</u>			88.5
AFTER WASH	<u>39.22</u>			
#10 - #20	<u>3.54</u>	<u>6.18</u>		83.1
#20 - #40	<u>6.48</u>	<u>11.31</u>		73.1
#40 - #60	<u>9.86</u>	<u>17.21</u>		57.8
#60 - #100	<u>9.79</u>	<u>17.09</u>		42.7
#100 - #200	<u>8.90</u>	<u>15.53</u>		28.9
PASSING #200	<u>0.65</u>	<u>32.68</u>		

Hydrometer No. _____ Thermometer No. _____

Wt. Total Sample (air dry) _____
Wt. Total Sample (oven dry) _____
Wt. Passing #10 (air dry) _____
Wt. Passing #10 (oven dry) _____
Wt. Soil for Hyd Test (air dry) _____
Wt. Soil for Hyd Test (oven dry) _____

1230.22
1224.27
1090.04
1084.09
57.67
57.29

Remarks:

CYL# A JAR# A PAN# _____

Time Soaked 3/4 11:50 _____ in 100ml of SODIUM HEXAMETAPHOSPHATE MIXTURE

Time Stirred 3/5 1 min _____

(~~2.69~~) Gs = 2.69 z = 0.9911

Date	Time	Interval Minutes (T)	Temp (T) °C	Hyd Reading	Temp Corr.	Corr. Hyd. Rdg.	L (Chart C)	K (Chart B)	D = $K \sqrt{\frac{L}{T}}$	Per Cent Fines #10	Total
3/5	11:02	2	26	16	-3.6	12.4	13.7	0.01253	0.0328		19.
	11:05	5	26	14	-3.6	10.4	14.0		0.0210		15.
	11:15	15	26	12	-3.6	8.4	14.3		0.0122		12.
	11:30	30	26	10	-3.6	6.4	14.7		0.0088		9.
	12:00	60	26	9	-3.6	5.4	14.8		0.0062		8.
	15:10	250	26	8	-3.6	4.4	15.0		0.0031		6.
3/6	11:00	1440	26	7	-3.6	3.4	15.2	0.01253	0.0013		5.

Classification _____



TWIN CITY TESTING
CORPORATION

TESTS OF J.C.C.

PROJECT : CH2M - Hill Project DATE: _____

REPORTED TO: Twin City Testing FURNISHED BY: _____

Seamus Mc COPIES TO: _____

Attn: Paul Smith

LABORATORY NO: _____

Sample Identification FA-56-C26 (U-0)

PERCENTAGE ANALYSIS (See attached curve)

Passing	3/4	100%
	3/8	97
	# 2	93
	# 10	86
	# 20	73
	# 40	43
	# 60	29
	# 100	11
	# 200	80
	# 425	52

FLUIDITY LIMITS

Liquid Limit	17	Li
Plastic Limit	15	Pl
Plasticity Index	2	

MOISTURE CONTENT 13.7 %

REMARKS Test sample was received on Feb 28 1962

Pg 1 of 2

CH²M HILL

Per L. v. 6 p. 12
2-25-42

Relinquished by: (Signature) <i>L. Javin</i>	Date/Time 2-24-92 1900	Received by: (Signature) <i>Fed X</i>	Relinquished by: (Signature)	Date/Time 2/25/92 1800	Received by: (Signature) <i>[Signature]</i>
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)

SAMPLE TRACKING FORM

Sample # FA-SB-C26(0-6') Project # NJO22948.FA SL Station # C26(0-6')
 Sample Matrix Soil Sample Type Composite Field VOC Reading 7-10 ppb
 Date Sampled 2-24-92 Time Sampled 0905 to 0930 Field Rad Reading L = 0-2
 Logbook 2 Page # 64-66 Bd = 27-30
 Name of Sampler L. Gavin
 Sample Description Field Sample

FSL Results:

Gross Alpha pCi/L 7.4 to 14.7 pCi/g
 Gross Beta/Gamma pCi/L 1.2 to 2.1 pCi/g

ARE THESE RESULTS ABOVE MGM LIMITS? YES NO

Liquid Limits - Alpha = 30 pCi/L, Beta = 500 pCi/L

Solid Limits - Alpha = 15 pCi/g, Beta = 50 pCi/g

Analytical Fraction	Number of Containers	SDG #	Lab QC Sample	Container Lot #	LAB	Date Shipped	Airbill #	Request Turn-around
FSL RAD SCREEN								
TCL VOC								
TCL BNA								
TCL PEST/PCB								
TAL METALS/CN								
d-LIMONENE, CAFFINE, α - PINENE								
RADIONUCLIDES								
TOC	1	23567		013160C				
GEOTECH <u>Grainsize 26 Monitored After being limited</u>	8	↓		013171C				

THE SHADED AREA SHOULD BE FILLED OUT BY THE SAMPLE MANAGER. THE FIELD SAMPLING CREW SHOULD FILL OUT THE REMAINDER OF THE FORM PRIOR TO SAMPLE DELIVERY TO THE SAMPLE MANAGER.

C24(4-6)

GEOTECH

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dr.
St. Louis, Mo. 63114-5700
Attn: Paul Smith

DATE: MAY 28, 1992

PROJECT NUMBER: NJ022948.SW.SP

PROJECT: CH2M - HILL PROJECT

SAMPLE IDENTIFICATION: SR-SB-C24 (4-6)
TCT STL NO.- 92002356

MECHANICAL ANALYSIS: (See Attached Curve)

Passing #10*	100%
#20	98.6
#40	93.6
#60	86.2
#100	79.8
#200	71.0
0.0303 mm	44.5
0.0200	34.9
0.0122	22.0
0.0089	12.5
0.0064	9.3
0.0032	4.5
0.0013	2.9

ATTERBERG LIMITS:

Liquid Limit	20
Plasticity Index	1

MOISTURE CONTENT: 15.4%

REMARKS:

Fractional components: Sand 29.0%, Silt 63.3%, Clay 7.7%

=====

GRAIN SIZE DISTRIBUTION TEST DATA

Test No. 1

Date: 04/20/92
 Project No.: 4122 02-0072
 Project: CH2M -Hill

=====

Sample Data

Location of Sample: SR-SB-C24
 Sample Description: SANDY SILT
 USCS Class: ML Liquid limit: 20
 AASHTO Class: A-4 Plasticity index: 1

Notes

Remarks: Depth: 4-6 ft.

Fig. No.:

Mechanical Analysis Data

Sieve	Size, mm	Percent finer
# 10	2.000	100.0
# 20	0.840	98.6
# 40	0.420	93.6
# 60	0.250	86.2
# 100	0.149	79.8
# 200	0.074	71.0

Hydrometer Analysis Data

Size, mm	Percent finer
0.0303	44.5
0.0200	34.9
0.0122	22.0
0.0089	12.5
0.0064	9.3
0.0032	4.5
0.0013	2.9

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 29.0
 % SILT = 63.3 % CLAY = 7.7

D85= 0.23 D60= 0.050 D50= 0.037
 D30= 0.0161 n15= 0.00982 n10= 0.00719
 Cc = 0.7295 Cu = 6.8865

Grain Size (mm)	Percent Finer (%)
200	100
100	100
60	100
42.5	100
30	100
25	100
20	100
15	100
12.5	100
10	100
7.5	100
6	100
4.75	100
3.75	100
3.0	100
2.5	100
2.0	100
1.5	100
1.18	100
1.0	98
0.85	95
0.75	90
0.6	85
0.5	80
0.425	75
0.375	70
0.3	65
0.25	60
0.2	55
0.15	50
0.125	45
0.106	40
0.09	35
0.075	30
0.06	25
0.05	20
0.0425	15
0.0375	10
0.03	8
0.025	6
0.02	4
0.015	3
0.0125	2
0.0106	1
0.009	1
0.0075	1
0.006	1
0.005	1
0.00425	1
0.00375	1
0.003	1
0.0025	1
0.002	1
0.0015	1
0.00125	1
0.00106	1
0.0009	1
0.00075	1
0.0006	1
0.0005	1
0.000425	1
0.000375	1
0.0003	1
0.00025	1
0.0002	1
0.00015	1
0.000125	1
0.000106	1
0.00009	1
0.000075	1
0.00006	1
0.00005	1
0.0000425	1
0.0000375	1
0.00003	1
0.000025	1
0.00002	1
0.000015	1
0.0000125	1
0.0000106	1
0.000009	1
0.0000075	1
0.000006	1
0.000005	1
0.00000425	1
0.00000375	1
0.000003	1
0.0000025	1
0.000002	1
0.0000015	1
0.00000125	1
0.00000106	1
0.0000009	1
0.00000075	1
0.0000006	1
0.0000005	1
0.000000425	1
0.000000375	1
0.0000003	1
0.00000025	1
0.0000002	1
0.00000015	1
0.000000125	1
0.000000106	1
0.00000009	1
0.000000075	1
0.00000006	1
0.00000005	1
0.0000000425	1
0.0000000375	1
0.00000003	1
0.000000025	1
0.00000002	1
0.000000015	1
0.0000000125	1
0.0000000106	1
0.000000009	1
0.0000000075	1
0.000000006	1
0.000000005	1
0.00000000425	1
0.00000000375	1
0.000000003	1
0.0000000025	1
0.000000002	1
0.0000000015	1
0.00000000125	1
0.00000000106	1
0.0000000009	1
0.00000000075	1
0.0000000006	1
0.0000000005	1
0.000000000425	1
0.000000000375	1
0.0000000003	1
0.00000000025	1
0.0000000002	1
0.00000000015	1
0.000000000125	1
0.000000000106	1
0.00000000009	1

[illegible]

Project No.: 4122 02-0072 Project: CH2M -Hill o Location: SR-SB-C24	Remarks: Depth: 4-6 ft.
Date: 04/20/92	
GRAIN SIZE DISTRIBUTION TEST REPORT TWIN CITY TESTING CORPORATION	Figure No.

4122

HYDROMETER ANALYSIS

 JOB NO. 02-0072 PROJECT ENG. D.V. TABLE NO. _____ TECHNICIAN HR DATE 4/16/92 TIME _____

 Project: CH2M-Hill Location: SR-SB-C24 Depth: 4-6

Test	Dry MC	Hvo MC
Sample No.		
Pan No.	<u>48</u>	<u>45</u>
Wt. Pan	<u>2.00</u>	<u>1.96</u>
Wt. Pan & Wet Soil	<u>63.80</u>	<u>61.92</u>
Wt. Pan & Dry Soil	<u>55.53</u>	<u>60.44</u>
Moisture Loss	<u>8.27</u>	<u>1.48</u>
Wt. Dry Soil	<u>53.53</u>	<u>58.48</u>
Percent Moisture	<u>15.4</u>	<u>2.5</u>

SIEVE SIZES	WEIGHT (GRAMS)	PER CENT OF		7. FINE TOTAL
		- #10	TOTAL	
RET. ON 1 1/2"				
1 1/2" - 1"				
1" - 3/4"				
3/4" - 3/8"				
3/8" - #4				
#4 - #10				100.0
AFTER WASH	<u>18.30</u>			
#10 - #20	<u>0.88</u>			98.6
#20 - #40	<u>3.12</u>			93.6
#40 - #60	<u>4.57</u>			86.2
#60 - #100	<u>4.04</u>			79.8
#100 - #200	<u>5.46</u>			71.0
PASSING #200	<u>0.23</u>			

Hydrometer No. _____ Thermometer No. _____

 Wt. Total Sample (air dry) _____
 Wt. Total Sample (oven dry) _____
 Wt. Passing #10 (air dry) _____
 Wt. Passing #10 (oven dry) _____
 Wt. Soil for Hyd Test (air dry) _____
 Wt. Soil for Hyd Test (oven dry) _____
 Time Soaked 4/17/92 11:30
479.94
468.09
479.94
468.09
63.79
62.22

 Remarks: L.L. = 20.0 P.I. = 1.0
 P.L. = 19.0

 CYL* A JAR* A PAN* _____

 Time Started 4/20/92

 135 ml of SODIUM HEXAMETAPHOSPHATE
 MIXTURE

 (EST.) $G_s = 0.9955$ $\gamma_s = 2.67$

D	10:00	Interval	Temp	Hyd	Temp	Corr.	L	K	D=K	Per Cent F.	
Date/Time		Minutes (T)	(T) °C.	Reading	Corr.	Hyd. Rdg.	(Chart C)	(Chart B)	$\sqrt{\frac{L}{T}}$	-#10	Total
4/20 10:02		2	24	32	4.2	27.8	11.0	0.01294	0.0303	44.5	44.
10:05		5	24	26		21.8	12.0		0.0200	34.9	34.
10:15		15	24	18		13.8	13.3		0.0122	22.0	22.
10:30		30	24	12		7.8	14.3		0.0089	12.5	12.
11:00		60	24	10		5.8	14.7		0.0064	9.3	9.
11:10		250	24	7		2.8	15.1		0.0032	4.5	4.5
4/21 10:00		1440	24	6	4.2	1.8	15.3	0.01294	0.0013	2.9	2.

 Classification Sandy Silt

MOISTURE-DENSITY-ATTERBERG LIMIT TESTS

Job No. 02-0072 Date 4/20/92 Project Eng. D. V. Tech. HR Time _____

[illegible]

MOISTURE CONTENT (%)

[illegible]

DRY DENSITY (PCF)

[illegible]

LIQUID LIMIT (%)

[illegible]**PLASTIC LIMIT (%)**[illegible]

FOR HYDROMETER USING -- 40 Grams/1000 Liters

Wt. soil for Hydr. test (oven dry) : 62.22
 Specific Gravity for Hydr. test : 2.67
 a 0.9955

Retained on #10 sieve (% Total) : 100.00

Pass. # 200 70.97

Time	Temp C	Hyd Rdg	Temp cor.	Corr. Rdg.	L	K	D	% Finer	
								-#10	Total
2	24.0	32.0	-4.20	27.80	11.0	0.01294	0.0303	44.48	44.48
5	24.0	26.0	-4.20	21.80	12.0	0.01294	0.0200	34.88	34.88
15	24.0	18.0	-4.20	13.80	13.3	0.01294	0.0122	22.08	22.08
30	24.0	12.0	-4.20	7.80	14.3	0.01294	0.0089	12.48	12.48
60	24.0	10.0	-4.20	5.80	14.7	0.01294	0.0064	9.28	9.28
240	24.0	7.0	-4.20	2.80	15.1	0.01294	0.0032	4.48	4.48
1440	24.0	6.0	-4.20	1.80	15.3	0.01294	0.0013	2.88	2.88

Total Sample (oven dry): 468.09
 Passing #10 (oven dry): 468.09
 Soil for Hyd. Test (oven dry): 62.22

Page 1

Sieve Size	Wt. Grams	- #10	% Total	% Finer
1"	0.00	XXXXXXX	0.00	100.00
3/4"	0.00	XXXXXXX	0.00	100.00
3/8"	0.00	XXXXXXX	0.00	100.00
#4	0.00	XXXXXXX	0.00	100.00
#10	0.00	XXXXXXX	0.00	100.00
After Wash	18.30	XXXXXXX	XXXXXXX	XXXXXXX
#20	0.88	1.41	1.41	98.59
#40	3.12	5.01	5.01	93.58
#60	4.57	7.34	7.34	86.24
#100	4.04	6.49	6.49	79.75
#200	5.46	8.78	8.78	70.97
Pass. #200	0.23	70.96	70.96	XXXXXXX

Traffic Report & Chain of Custody Record p. 3 of 4

Project Number NJO 22948. <u>SR SL</u>	Project Name STEPAN COMPANY	Date Shipped 4-8-92	Carrier Fed X		
Client Name STEPAN COMPANY		Airbill Number 89692 72303			
Project Manager Mary Manlo	Copy to:	Ship To: TCT St-Louis			
Requested Comp. Date <u>Routine</u>					
Sampler (Name): <u>L. Gavin</u>				Box No. 1 Preservation 1. HCl 2. HNO3 3. NaOH 4. H2SO4 5. Ice only 6. Other (Specify) N. Not preserved	Box No. 2 Sample Description 1. Surface Water 2. Ground Water 3. Rinsate 4. Soil/Sediment 5. Oil 6. Waste 7. Other (Specify)

					Analysis Requested												Date	Time	Remarks
Station Number	Enter # from Box 2	Conc Low Med High	Sample Type: Comp / Grab	Preservative from Box 1	TCL-VOA	TCL-BNA	TCL-PEST	TCL-PCB	Cont. of Um. Hydrocarbons	TCLP	Met/CN	Radon	TOC	GEOTECH	Other				
SR-SB-C19 (a-2)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 1320			
SR-SB-C6 (a-2)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 1155			
SR-SB-C2 (3-4)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 1100			
SR-SB-C7 (a-2)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 1020			
SR-SB-C31 (2-4)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 0855			
DS-SB-C37D (a-2)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 0850			
DS-SB-C37 (a-2)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 0850			
SR-SB-C24 (a-4)	4	L	G	N								X	X			4-7-92 115	Grainsize, % Moist., TAC		
SR-SB-C17 (a-2)	4	L	G	N	X	X	X	X	X		X				X	4-8-92 1330			

Chain of Custody Record					
Relinquished by: (Signature) <u>L. Gavin</u>	Date/Time 4-8-92 1900	Received by: (Signature) Fed X	Relinquished by: (Signature)	Date/Time 4/7/92 800	Received by: (Signature) <u>J. Kelly</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date/Time 4/10/91 1600	Received by: (Signature) AIRBORNE	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time	Remarks	Is custody seal intact? Y/N

Field Equipment Rinse
Blanks - Soil Borings

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
AL	7429-90-5	ALUMINUM
SB	7440-36-0	ANTIMONY
AS	7440-38-2	ARSENIC
BA	7440-39-3	BARIUM
BE	7440-41-7	BERYLLIUM
CD	7440-43-9	CADMIUM
CA	7440-70-2	CALCIUM
CR	7440-47-3	CHROMIUM
CO	7440-48-4	COBALT
CU	7440-50-8	COPPER
CN	75-13-8	CYANIDE
FE	7439-89-6	IRON
PB	7439-92-1	LEAD
MG	7439-95-4	MAGNESIUM
MN	7439-96-5	MANGANESE
HG	7439-97-6	MERCURY
NI	7440-02-0	NICKEL
K	7440-09-7	POTASSIUM
SE	7782-49-2	SELENIUM
AG	7440-22-4	SILVER
NA	7440-23-5	SODIUM
TL	7440-28-0	THALLIUM
V	7440-62-6	VANADIUM
ZN	7440-66-6	ZINC
DDD	72-54-8	4,4'-DDD
DDE	72-55-9	4,4'-DDE
DDT	50-29-3	4,4'-DDT
ADR	309-00-2	ALDRIN
CRA	5103-71-9	ALPHA-CHLORDANE
AR2	12674-11-2	AROCLOR-1016
AR1	11104-28-2	AROCLOR-1221
AR3	11141-16-5	AROCLOR-1232
AR4	53469-21-9	AROCLOR-1242
AR5	12672-29-6	AROCLOR-1248
AR6	11097-69-1	AROCLOR-1254

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
AR7	11096-82-5	AROCOR-1260
BHA	319-84-6	BHC-ALPHA
BHB	319-85-7	BHC-BETA
BHD	319-86-8	BHC-DELTA
BHG	58-89-9	BHC-GAMMA(LINDANE)
DIE	60-57-1	DIELDRIN
ES1	959-98-8	ENDOSULFAN I
ES2	33213-65-9	ENDOSULFAN II
ENS	1031-07-8	ENDOSULFAN SULFATE
END	78-20-8	ENDRIN
EDK	53494-70-5	ENDRIN KETONE
CRG		GAMMA-CHLORDANE
HPC	76-44-8	HEPTACHLOR
HCE	1024-57-3	HEPTACHLOR EPOXIDE
MOC	72-43-5	METHOXYCHLOR
TXP	8001-35-2	TOXAPHENE
124	120-82-1	1,2,4-TRICHLOROBENZENE
12B	95-50-1	1,2-DICHLOROBENZENE
12H	122-66-7	1,2-DIPHENYLHYDRAZINE
13B	541-73-1	1,3-DICHLOROBENZENE
14B	106-46-7	1,4-DICHLOROBENZENE
245	95-95-4	2,4,5-TRICHLOROPHENOL
246	88-06-2	2,4,6-TRICHLOROPHENOL
24D	120-83-2	2,4-DICHLOROPHENOL
24M	105-67-9	2,4-DIMETHYLPHENOL
24P	51-28-5	2,4-DINITROPHENOL
24T	121-14-2	2,4-DINITROTOLUENE
26T	606-20-2	2,6-DINITROTOLUENE
2CN	91-58-7	2-CHLORONAPHTHALENE
2CP	95-57-8	2-CHLOROPHENOL
2MN	91-57-6	2-METHYLNAPHTHALENE
2MP	95-48-7	2-METHYLPHENOL
2NA	88-74-4	2-NITROANILINE
2NP	88-75-5	2-NITROPHENOL
33B	91-94-1	3,3'-DICHLOROBENZIDINE

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
3NA	99-09-2	3-NITROANILINE
462	534-52-1	4,6-DINITRO-2-METHYLPHENOL
4BP	101-55-3	4-BROMOPHENYL PHENYL ETHER
4C3	59-50-7	4-CHLORO-3-METHYLPHENOL
4CA	106-47-8	4-CHLOROANILINE
4CP	7005-72-3	4-CHLOROPHENYL PHENYL ETHER
4MP	106-44-5	4-METHYLPHENOL
4NA	100-01-6	4-NITROANILINE
4NP	100-02-7	4-NITROPHENOL
ACN	83-32-9	ACENAPHTHENE
ACY	208-96-8	ACENAPHTHYLENE
ATR	120-12-7	ANTHRACENE
BAA	56-55-3	BENZO(A)ANTHRACENE
BAP	50-32-8	BENZO(A)PYRENE
BBF	205-99-2	BENZO(B)FLUORANTHENE
BGP	191-24-2	BENZO(GH)PERYLENE
BKF	207-08-9	BENZO(K)FLUORANTHENE
BZA	65-85-0	BENZOIC ACID
BAL	100-51-6	BENZYL ALCOHOL
BBP	85-68-7	BENZYL BUTYL PHTHALATE
BEM	111-91-1	BIS(2-CHLOROETHOXY) METHANE
BET	111-44-4	BIS(2-CHLOROETHYL) ETHER
BIT	108-60-1	BIS(2-CHLOROISOPROPYL) ETHER
BPH	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
CAF	58-08-2	CAFFEINE
CRY	218-01-9	CHRYSENE
DBP	84-74-2	DI-N-BUTYL PHTHALATE
DOP	117-84-0	DI-N-OCTYL PHTHALATE
DBA	53-70-3	DIBENZO(A,H)ANTHRACENE
DBF	132-64-9	DIBENZOFURAN
DEP	84-66-2	DIETHYL PHTHALATE
DMP	131-11-3	DIMETHYL PHTHALATE
FLA	206-44-0	FLUORANTHENE
FLE	86-73-7	FLUORENE
HBE	118-74-1	HEXACHLOROBENZENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
HBU	87-68-3	HEXACHLOROBUTADIENE
HCP	77-47-4	HEXACHLOROCYCLOPENTADIENE
HET	67-72-1	HEXACHLOROETHANE
ICP	193-39-5	INDENO(1,2,3-CD)PYRENE
ISP	78-59-1	ISOPHORONE
NPH	86-30-6	N-NITROSODIPHENYLAMINE
NPR	621-64-7	N-NITROSODIPROPYLAMINE
NAP	91-20-3	NAPHTHALENE
NTB	98-95-3	NITROBENZENE
PCP	87-86-5	PENTACHLOROPHENOL
PAN	85-01-8	PHENANTHRENE
PHE	108-95-2	PHENOL
PYR	129-00-0	PYRENE
API	80-56-8	a-PINENE
DLI	5989-27-5	d-LIMONENE
111	71-55-6	1,1,1-TRICHLOROETHANE
11E	79-34-5	1,1,1,2-TETRACHLOROETHANE
112	79-00-5	1,1,2-TRICHLOROETHANE
11A	75-34-3	1,1-DICHLOROETHANE
1DE	75-35-4	1,1-DICHLOROETHENE
12A	107-06-2	1,2-DICHLOROETHANE
DCE	540-59-0	1,2-DICHLOROETHENE (TOTAL)
12P	78-87-5	1,2-DICHLOROPROPANE
2BU	78-93-3	2-BUTANONE
2HX	591-78-6	2-HEXANONE
4M2	108-10-1	4-METHYL-2-PENTANONE
ACT	67-64-1	ACETONE
BEN	71-43-2	BENZENE
BDM	75-27-4	BROMODICHLOROMETHANE
BFM	75-25-2	BROMOFORM
BRM	74-83-9	BROMOMETHANE
CDS	75-15-0	CARBON DISULFIDE
CCL	56-23-5	CARBON TETRACHLORIDE
CBN	108-90-7	CHLOROBENZENE
CET	75-00-3	CHLOROETHANE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
CFM	67-66-3	CHLOROFORM
CLM	74-87-3	CHLOROMETHANE
C13	10061-01-5	CIS-1,3-DICHLOROPROPENE
DBC	124-48-1	DIBROMOCHLOROMETHANE
EBN	100-41-4	ETHYLBENZENE
MCL	75-09-2	METHYLENE CHLORIDE
STY	100-42-5	STYRENE
PCE	127-18-4	TETRACHLOROETHENE
TOL	108-88-3	TOLUENE
T13	10061-02-6	TRANS-1,3-DICHLOROPROPENE
TCE	79-01-6	TRICHLOROETHENE
VAC	108-05-4	VINYL ACETATE
VC	75-01-4	VINYL CHLORIDE
XY	1330-20-7	XYLENE (TOTAL)

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

EDMS-001
10/31/92
PAGE: 1

SAMPLE ANALYSIS: INORGANICS

SAMPLE ID:	FB-01	FB-02	FB-03	FB-04	FB-05
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-01	SB-FB-02	SB-FB-03	SB-FB-04	SB-FB-05
SAMPLE DATE:	02/12/1992	02/13/1992	02/14/1992	02/18/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
ALUMINUM UG/L	77.9DYJ	83.6DYJ	105DYJ	46UY	46UY
ANTIMONY UG/L	10.9UY	10.9UY	10.9UY	9UY	9UY
ARSENIC UG/L	0.69UY	0.69UY	0.69UY	2UY	2UY
BARIUM UG/L	10.1DYJ	1.5DYJ	1.2DYJ	5UY	5UY
BERYLLIUM UG/L	0.19UY	0.19UY	0.19UY	1UY	1UY
CADMIUM UG/L	2.9UY	2.9UY	2.9UY	5UY	5UY
CALCIUM UG/L	1400DYJ	451DYJ	425DYJ	54DYJ	53DYJ
CHROMIUM UG/L	5.6DYJ	5DYJ	2.9DYJ	9UY	9UY
COBALT UG/L	3.6UY	3.6UY	3.6UY	26UY	26UY
COPPER UG/L	15.8DYJ	157DY	6DYJ	16UYJ	16UYJ
CYANIDE UG/L	1.8UY	1.8UY	1.8UY	5UY	5UY
IRON UG/L	4910DY	703DY	507DY	76DYJ	167DY
LEAD UG/L	45.5DYJ	2.5UYJ	1.7UYJ	2UY	2UY
MAGNESIUM UG/L	161DYJ	37.7DYJ	30.2DYJ	21DYJ	14UY
MANGANESE UG/L	114DY	11.4DYJ	10.4DYJ	6UY	6UY
MERCURY UG/L	0.16UYJ	0.16UY	0.16UY	0.12DYJ	0.1UY
NICKEL UG/L	16.8DYJ	121DY	5.6DYJ	15UY	15UY
POTASSIUM UG/L	710UY	710UY	710UY	160DYJ	81UY
SELENIUM UG/L	1.3UY	1.3UY	1.3UY	1UY	1UY
SILVER UG/L	1.7UY	2.2DYJ	1.7UY	1UYJ	1UYJ
SODIUM UG/L	1990DYJ	1260DYJ	1200DYJ	62UY	62UY
THALLIUM UG/L	1.7UY	1.7UY	1.7UY	2.8DYJ	5.3DYJ
VANADIUM UG/L	1.7UY	1.7DYJ	1.7UY	23UY	23UY
ZINC UG/L	18.3DYJ	73.4DY	13.3DYJ	8UY	8UY

UNN/-XXABCCDD POSITIONALLY N-VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

U = less than detection limit, D = detected, J = estimated, R = unusable,

UN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

EDMS-001
10/31/92
PAGE: 2

SAMPLE ANALYSIS: PESTICIDES AND PCB'S

SAMPLE ID:	FB-01	FB-02	FB-03	FB-04	FB-05
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-01	SB-FB-02	SB-FB-03	SB-FB-04	SB-FB-05
SAMPLE DATE:	02/12/1992	02/13/1992	02/14/1992	02/18/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
4,4'-DDD UG/L	0.1UY	0.1UY	0.1UY	0.1UY	0.1UY
4,4'-DDE UG/L	0.04UY	0.04UY	0.04UY	0.1UY	0.1UY
4,4'-DDT UG/L	0.1UY	0.1UY	0.1UY	0.1UY	0.1UY
ALDRIN UG/L	0.04UY	0.04UY	0.04UY	0.05UY	0.05UY
ALPHA-CHLORDANE UG/L	0.05UY	0.05UY	0.05UY	0.5UY	0.5UY
AROCLOR-1016 UG/L	0.5UY	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1221 UG/L	0.5UY	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1232 UG/L	0.5UY	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1242 UG/L	0.5UY	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1248 UG/L	0.5UY	0.5UY	0.5UY	0.5UY	0.5UY
AROCLOR-1254 UG/L	0.5UY	0.5UY	0.5UY	1UY	1UY
AROCLOR-1260 UG/L	0.5UY	0.5UY	0.5UY	1UY	1UY
BHC-ALPHA UG/L	0.03UY	0.03UY	0.03UY	0.05UY	0.05UY
BHC-BETA UG/L	0.05UY	0.05UY	0.05UY	0.05UY	0.05UY
BHC-DELTA UG/L	0.05UY	0.05UY	0.05UY	0.05UY	0.05UY
BHC-GAMMA(LINDANE) UG/L	0.04UY	0.04UY	0.04UY	0.05UY	0.05UY
DIELDRIN UG/L	0.02UY	0.02UY	0.02UY	0.1UY	0.1UY
ENDOSULFAN I UG/L	0.05UY	0.05UY	0.05UY	0.05UY	0.05UY
ENDOSULFAN II UG/L	0.04UY	0.04UY	0.04UY	0.1UY	0.1UY
ENDOSULFAN SULFATE UG/L	0.1UY	0.1UY	0.1UY	0.1UY	0.1UY
ENDRIN UG/L	0.06UY	0.06UY	0.06UY	0.1UY	0.1UY
ENDRIN KETONE UG/L	0.1UY	0.1UY	0.1UY	0.1UY	0.1UY
GAMMA-CHLORDANE UG/L	0.05UY	0.05UY	0.05UY	0.5UY	0.5UY
HEPTACHLOR UG/L	0.03UY	0.03UY	0.03UY	0.05UY	0.05UY
HEPTACHLOR EPOXIDE UG/L	0.05UY	0.05UY	0.05UY	0.05UY	0.05UY
METHOXYCHLOR UG/L	0.5UY	0.5UY	0.5UY	0.5UY	0.5UY
TOXAPHENE UG/L	1UY	1UY	1UY	1UY	1UY

NNN/-XXABCCDD POSITIONALLY N=VALUE, (/ XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

DMS CHEMICAL OBSERVATIONS MATRIX
TEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-01	FB-02	FB-03	FB-04	FB-05
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-01	SB-FB-02	SB-FB-03	SB-FB-04	SB-FB-05
SAMPLE DATE:	02/12/1992	02/13/1992	02/14/1992	02/18/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
1,2,4-TRICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DIPHENYLHYDRAZINE UG/L	10UY	10UY	10UY		
1,3-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,4-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
2,4,5-TRICHLOROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
2,4,6-TRICHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DICHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DIMETHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DINITROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
2,4-DINITROTOLUENE UG/L	10UY	10UY	10UY	10UY	10UY
2,6-DINITROTOLUENE UG/L	10UY	10UY	10UY	10UY	10UY
2-CHLORONAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
2-CHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
(2-METHYLNAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
2-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2-NITROANILINE UG/L	50UY	50UY	50UY	50UY	50UY
2-NITROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
3,3'-DICHLOROBENZIDINE UG/L	20UY	20UY	20UY	20UY	20UY
3-NITROANILINE UG/L	50UY	50UY	50UY	10UY	10UY
4,6-DINITRO-2-METHYLPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
4-BROMOPHENYL PHENYL ETHER UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLORO-3-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLOROANILINE UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLOROPHENYL PHENYL ETHER UG/L	10UY	10UY	10UY	10UY	10UY
4-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
4-NITROANILINE UG/L	50UY	50UY	50UY	50UY	50UY
4-NITROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
ACENAPHTHENE UG/L	10UY	10UY	10UY	10UY	10UY
ACENAPHTHYLENE UG/L	10UY	10UY	10UY	10UY	10UY

NN+/ XXABCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 L = less than detection limit, D = detected, J = estimated, R = unusable,
 IN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-01	FB-02	FB-03	FB-04	FB-05
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-01	SB-FB-02	SB-FB-03	SB-FB-04	SB-FB-05
SAMPLE DATE:	02/12/1992	02/13/1992	02/14/1992	02/18/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(A)ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(A)PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(B)FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(GHI)PERYLENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(K)FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZOIC ACID UG/L	50UY	50UY	50UY	50UY	50UY
BENZYL ALCOHOL UG/L	10UY	10UY	10UY	10UY	10UY
BENZYL BUTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROETHOXY) METHANE UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROETHYL)ETHER UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROISOPROPYL) ETHER UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
CAFFEINE UG/L	10UY	10UY	10UY	10UY	10UY
CHRYSENE UG/L	10UY	10UY	10UY	10UY	10UY
DI-N-BUTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DI-N-OCTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DIBENZO(A,H)ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
DIBENZO(F)URAN UG/L	10UY	10UY	10UY	10UY	10UY
DIETHYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DIMETHYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
FLUORENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROBUTADIENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROCYCLOPENTADIENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
INDENO(1,2,3-CD)PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
ISOPHORONE UG/L	10UY	10UY	10UY	10UY	10UY
N-NITROSODIPHENYLAMINE UG/L	10UY	10UY	10UY	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

DMS CHEMICAL OBSERVATIONS MATRIX
TEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

	FB-01	FB-02	FB-03	FB-04	FB-05
SAMPLE ID:	00000	00000	00000	00000	00000
SUB-SAMPLE ID:	SB-FB-01	SB-FB-02	SB-FB-03	SB-FB-04	SB-FB-05
STATION ID:	02/12/1992	02/13/1992	02/14/1992	02/18/1992	02/19/1992
SAMPLE DATE:					
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
N-NITROSODIPROPYLAMINE UG/L	10UY	10UY	10UY	10UY	10UY
NAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
NITROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
PENTACHLOROPHENOL UG/L	50UY	50UY	50UY	10UY	10UY
PHENANTHRENE UG/L	10UY	10UY	10UY	50UY	50UY
PHENOL UG/L	10UY	10UY	10UY	10UY	10UY
PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
a-PINENE UG/L	10UYJ	10UY	10UY	10UY	10UY
d-LIMONENE UG/L	10UYJ	10UY	10UY	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY). A=DETECTED, B=VALIDATED, C=FLAGS,
J = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: VOLATILE ORGANICS

SAMPLE ID:	FB-01	FB-02	FB-03	FB-04	FB-05
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-01	SB-FB-02	SB-FB-03	SB-FB-04	SB-FB-05
SAMPLE DATE:	02/12/1992	02/13/1992	02/14/1992	02/18/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
1,1,1-TRICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1,2,2-TETRACHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1,2-TRICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1-DICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1-DICHLOROETHENE UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROETHENE (TOTAL) UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROPROPANE UG/L	5UY	5UY	5UY	5UY	5UY
2-BUTANONE UG/L	10UY	10UY	10UY	UYR	UYR
2-HEXANONE UG/L	10UY	10UY	10UY	10UY	10UY
4-METHYL-2-PENTANONE UG/L	10UY	10UY	10UY	10UY	10UY
ACETONE UG/L	10UY	10UY	10UY	10UYJ	10UYJ
BENZENE UG/L	5UY	5UY	5UY	5UY	5UY
BROMODICHLOROMETHANE UG/L	5UY	5UY	5UY	5UY	5UY
BROMOFORM UG/L	5UY	5UY	5UY	5UY	5UY
BROMOMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CARBON DISULFIDE UG/L	5UY	5UY	5UY	5UY	4DYJ
CARBON TETRACHLORIDE UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROBENZENE UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CHLOROFORM UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CIS-1,3-DICHLOROPROPENE UG/L	5UY	5UY	5UY	5UY	5UY
DIBROMOCHLOROMETHANE UG/L	5UY	5UY	5UY	5UY	5UY
ETHYLBENZENE UG/L	5UY	5UY	5UY	5UY	5UY
METHYLENE CHLORIDE UG/L	10UYJ	10UY	10UY	2DYJ	3DYJ
STYRENE UG/L	5UY	5UY	5UY	5UY	5UY
TETRACHLOROETHENE UG/L	5UY	5UY	5UY	5UY	5UY
TOLUENE UG/L	5UY	5UY	5UY	5UY	5UY
TRANS-1,3-DICHLOROPROPENE UG/L	5UY	5UY	5UY	5UY	5UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

U = less than detection limit, D = detected, J = estimated, R = unusable,

JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: VOLATILE ORGANICS

SAMPLE ID:	FB-01	FB-02	FB-03	FB-04	FB-05
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-01	SB-FB-02	SB-FB-03	SB-FB-04	SB-FB-05
SAMPLE DATE:	02/12/1992	02/13/1992	02/14/1992	02/18/1992	02/19/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
TRICHLOROETHENE UG/L	SUY	SUY	SUY	SUY	SUY
VINYL ACETATE UG/L	10UY	10UY	10UY	10UYJ	10UYJ
VINYL CHLORIDE UG/L	10UY	10UY	10UY	10UY	10UY
XYLENE (TOTAL) UG/L	SUY	SUY	SUY	SUY	SUY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

D = less than detection limit, D = detected, J = estimated, R = unusable,

IN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

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STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: INORGANICS

SAMPLE ID:	FB-06	FB-07	FB-08	FB-09	FB-10
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-06	SB-FB-07	SB-FB-08	SB-FB-09	SB-FB-10
SAMPLE DATE:	02/20/1992	02/21/1992	02/24/1992	02/25/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
ALUMINUM UG/L	46UY	46UY	46UY	56DYJ	46UY
ANTIMONY UG/L	9UY	9UY	9UY	9UY	9UY
ARSENIC UG/L	2UY	2UY	2UY	2UY	2UY
BARIUM UG/L	5UY	5UY	50YJ	5UY	5UY
BERYLLIUM UG/L	1UY	1UY	1UY	1UY	1UY
CADMIUM UG/L	5UY	5UY	5UY	5UY	5UY
CALCIUM UG/L	65DYJ	54DYJ	85DYJ	87DYJ	48DYJ
CHROMIUM UG/L	76DY	9UY	9UY	9UY	9UY
COBALT UG/L	26UY	26UY	26UY	26UY	26UY
COPPER UG/L	16UY	16UYJ	16UYJ	16UYJ	16UYJ
CYANIDE UG/L	5UY	5UY	5UY	5UY	5UY
IRON UG/L	1760DY	81DYJ	272DY	44DYJ	77DYJ
LEAD UG/L	1UY	1UYJ	1UYJ	1UY	1UY
MAGNESIUM UG/L	20DYJ	14UY	16DYJ	19DYJ	14UY
MANGANESE UG/L	6UY	6UY	6UY	6UY	6UY
MERCURY UG/L	0.1UY	0.1UY	0.1UY	0.1UY	0.1UY
NICKEL UG/L	15UY	15UY	15UY	15UY	15UY
POTASSIUM UG/L	81UY	81UY	81UY	81UY	81UY
SELENIUM UG/L	1UY	1UY	1UY	1UY	1UY
SILVER UG/L	1UY	1UYJ	1UYJ	1UYJ	1UYJ
SODIUM UG/L	62UY	62UY	62UY	74DYJ	62UY
THALLIUM UG/L	1DYJ	1UY	1UY	1UY	1UY
VANADIUM UG/L	23UY	23UY	23UY	23UY	23UY
ZINC UG/L	8UY	8UY	8UY	8UY	8UY

NNN+/-XXABCCCCDD POSITIONALLY N=VALUE, (+/- XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: PESTICIDES AND PCB'S

SAMPLE ID:	FB-06	FB-07	FB-08	FB-09	FB-10
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-06	SB-FB-07	SB-FB-08	SB-FB-09	SB-FB-10
SAMPLE DATE:	02/20/1992	02/21/1992	02/24/1992	02/25/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
4,4'-DDD UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
4,4'-DDE UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
4,4'-DDT UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
ALDRIN UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
ALPHA-CHLORDANE UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
AROCLOR-1016 UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
AROCLOR-1221 UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
AROCLOR-1232 UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
AROCLOR-1242 UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
AROCLOR-1248 UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
AROCLOR-1254 UG/L	1UY	1UY	1UY	1UYJ	1UYJ
AROCLOR-1260 UG/L	1UY	1UY	1UY	1UYJ	1UYJ
BHC-ALPHA UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
BHC-BETA UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
BHC-DELTA UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
BHC-GAMMA(1'NDANE) UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
DELURIN UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
ENDOSULFAN I UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
ENDOSULFAN II UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
ENDOSULFAN SULFATE UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
ENDRIN UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
ENDRIN KETONE UG/L	0.1UY	0.1UY	0.1UY	0.1UYJ	0.1UYJ
GAMMA-CHLORDANE UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
HEPTACHLOR UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
HEPTACHLOR EPOXIDE UG/L	0.05UY	0.05UY	0.05UY	0.05UYJ	0.05UYJ
METHOXYCHLOR UG/L	0.5UY	0.5UY	0.5UY	0.5UYJ	0.5UYJ
TOXAPHENE UG/L	1UY	1UY	1UY	1UYJ	1UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-06	FB-07	FB-08	FB-09	FB-10
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-06	SB-FB-07	SB-FB-08	SB-FB-09	SB-FB-10
SAMPLE DATE:	02/20/1992	02/21/1992	02/24/1992	02/25/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
1,2,4-TRICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DIPHENYLHYDRAZINE					
1,3-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
1,4-DICHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
2,4,5-TRICHLOROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
2,4,6-TRICHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DICHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DIMETHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2,4-DINITROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
2,4-DINITROTOLUENE UG/L	10UY	10UY	10UY	10UY	10UY
2,6-DINITROTOLUENE UG/L	10UY	10UY	10UY	10UY	10UY
2-CHLORONAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
2-CHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2-METHYLNAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
2-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
2-NITROANILINE UG/L	50UY	50UY	50UY	50UY	50UY
2-NITROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
3,3'-DICHLOROBENZIDINE UG/L	20UY	20UY	20UY	20UY	20UY
3-NITROANILINE UG/L	10UY	UYR	UYR	10UY	10UY
4,6-DINITRO-2-METHYLPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
4-BROMOPHENYL PHENYL ETHER UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLORO-3-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLOROANILINE UG/L	10UY	10UY	10UY	10UY	10UY
4-CHLOROPHENYL PHENYL ETHER UG/L	10UY	10UY	10UY	10UY	10UY
4-METHYLPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
4-NITROANILINE UG/L	50UY	50UY	50UY	50UY	50UY
4-NITROPHENOL UG/L	50UY	50UY	50UY	50UY	50UY
ACENAPHTHENE UG/L	10UY	10UY	10UY	10UY	10UY
ACENAPHTHYLENE UG/L	10UY	10UY	10UY	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

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DMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-06	FB-07	FB-08	FB-09	FB-10
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-06	SB-FB-07	SB-FB-08	SB-FB-09	SB-FB-10
SAMPLE DATE:	02/20/1992	02/21/1992	02/24/1992	02/25/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(A)ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(A)PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(B)FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(GHI)PERYLENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZO(K)FLUORANTHENE UG/L	10UY	10UY	10UY	10UY	10UY
BENZOIC ACID UG/L	50UY	50UY	50UY	50UY	50UY
BENZYL ALCOHOL UG/L	10UY	10UY	10UY	10UY	10UY
BENZYL BUTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROETHOXY) METHANE UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROETHYL)ETHER UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-CHLOROISOPROPYL) ETHER UG/L	10UY	10UY	10UY	10UY	10UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	10UY	10UY	10UY	5DYJ	5DYJ
CAFFEINE UG/L	10UY	10UY	10UY	10UY	10UY
CHRYSENE UG/L	10UY	10UY	10UY	10UY	10UY
DI-N-BUTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DI-N-OCTYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DIBENZO(A,H)ANTHRACENE UG/L	10UY	10UY	10UY	10UY	10UY
DIBENZOFURAN UG/L	10UY	10UY	10UY	10UY	10UY
DIETHYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
DIMETHYL PHTHALATE UG/L	10UY	10UY	10UY	10UY	10UY
FLUORENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROBUTADIENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROCYCLOPENTADIENE UG/L	10UY	10UY	10UY	10UY	10UY
HEXACHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
INDENO(1,2,3-CD)PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
ISOPHORONE UG/L	10UY	10UY	10UY	10UY	10UY
N NITROSODIPHENYLAMINE UG/L	10UY	10UY	10UY	10UY	10UY

NNN+/-XXARCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

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JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

SAMPLE ID:	FB-06	FB-07	FB-08	FB-09	FB-10
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-06	SB-FB-07	SB-FB-08	SB-FB-09	SB-FB-10
SAMPLE DATE:	02/20/1992	02/21/1992	02/24/1992	02/25/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
N-NITROSODIPROPYLAMINE UG/L	10UY	10UY	10UY	10UY	10UY
NAPHTHALENE UG/L	10UY	10UY	10UY	10UY	10UY
NITROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
PENTACHLOROPHENOL UG/L	10UY	10UY	10UY	10UY	10UY
PHENANTHRENE UG/L	50UY	50UY	50UY	50UY	50UY
PHENOL UG/L	10UY	10UY	10UY	10UY	10UY
PYRENE UG/L	10UY	10UY	10UY	10UY	10UY
a-PINENE UG/L	10UY	10UY	10UY	10UY	10UY
d-LIMONENE UG/L	10UY	10UY	10UY	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: VOLATILE ORGANICS

SAMPLE ID:	FB-06	FB-07	FB-08	FB-09	FB-10
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-06	SB-FB-07	SB-FB-08	SB-FB-09	SB-FB-10
SAMPLE DATE:	02/20/1992	02/21/1992	02/24/1992	02/25/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
1,1,1-TRICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1,2,2-TETRACHLOROETHANE UG/L	3DYJ	5UY	5UY	5UY	5UY
1,1,2-TRICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1-DICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,1-DICHLOROETHENE UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROETHANE UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROETHENE (TOTAL) UG/L	5UY	5UY	5UY	5UY	5UY
1,2-DICHLOROPROPANE UG/L	5UY	5UY	5UY	5UY	5UY
2-BUTANONE UG/L	UYR	UYR	UYR	UYR	UYR
2-HEXANONE UG/L	10UY	10UY	10UY	10UY	10UY
4-METHYL-2-PENTANONE UG/L	10UY	10UY	10UY	10UY	10UY
ACETONE UG/L	10UY	10UY	10UY	10UY	10UY
BENZENE UG/L	5UY	5UY	5UY	5UY	5UY
BROMODICHLOROMETHANE UG/L	5UY	5UY	5UY	5UY	5UY
BROMOFORM UG/L	5UY	5UY	5UY	5UY	5UY
BROMOMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CARBON DISULFIDE UG/L	5UY	5UY	5UY	5UY	5UY
CARBON TETRACHLORIDE UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROBENZENE UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CHLOROFORM UG/L	5UY	5UY	5UY	5UY	5UY
CHLOROMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CIS-1,3-DICHLOROPROPENE UG/L	5UY	5UY	5UY	5UY	5UY
DIBROMOCHLOROMETHANE UG/L	5UY	5UY	5UY	5UY	5UY
ETHYL BENZENE UG/L	5UY	5UY	5UY	5UY	5UY
METHYLENE CHLORIDE UG/L	4DYJ	4DYJ	10UY	5DY	6DY
STYRENE UG/L	5UY	5UY	5UY	5UY	5UY
TETRACHLOROETHENE UG/L	5UY	5UY	5UY	5UY	5UY
TOLUENE UG/L	5UY	5UY	5UY	5UY	5UY
TRANS-1,3-DICHLOROPROPENE UG/L	5UY	5UY	5UY	5UY	5UY

NNN/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,

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EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: VOLATILE ORGANICS

	FB-06	FB-07	FB-08	FB-09	FB-10
SAMPLE ID:	00000	00000	00000	00000	00000
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-06	SB-FB-07	SB-FB-08	SB-FB-09	SB-FB-10
SAMPLE DATE:	02/20/1992	02/21/1992	02/24/1992	02/25/1992	02/26/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
TRICHLOROETHENE UG/L	SUY	SUY	SUY	SUY	SUY
VINYL ACETATE UG/L	10UYJ	10UYJ	10UYJ	10UYJ	10UYJ
VINYL CHLORIDE UG/L	10UY	10UY	10UY	10UY	10UY
XYLENE (TOTAL) UG/L	SUY	SUY	SUY	SUY	SUY

NNN/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D = detected, J = estimated, R = unusable,
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

DMS CHEMICAL OBSERVATIONS MATRIX
 JEPAN MAYWOOD - AQUEOUS SAMPLES

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SAMPLE ANALYSIS: INORGANICS

SAMPLE ID:	FB-11	FB-12	FB-13	FB-14	FB-15
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB-11	SB-FB-12	SB-FB-13	SB-FB-14	SB-FB-15
SAMPLE DATE:	02/27/1992	03/30/1992	03/31/1992	04/01/1992	04/02/1992
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
ALUMINUM UG/L	46UY	103DYJ	31DYJ	30UY	19UY
ANTIMONY UG/L	9UY	10.9UY	10.9UY	7UY	10.9UY
ARSENIC UG/L	2UY	0.69UY	0.94UY	2UYJ	2.8DYJ
BARIUM UG/L	5UY	0.79DYJ	1.7DYJ	5UY	0.99DYJ
BERYLLIUM UG/L	1UY	0.61DYJ	0.19UY	2UY	0.19UY
CADMIUM UG/L	5UY	4DYJ	2.9UY	UYR	2.9UY
CALCIUM UG/L	56DYJ	588DYJ	295DYJ	16UY	288DYJ
CHROMIUM UG/L	9UY	2.1UY	2.1UY	10UY	3.4DYJ
COBALT UG/L	26UY	3.6UY	3.6UY	21DYJ	3.6UY
COPPER UG/L	16UYJ	2.1UY	4DYJ	9UYJ	30.6DYJ
CYANIDE UG/L	5UY	1.8UY	1.8UY	5UY	1.8UY
IRON UG/L	115DY	226DY	24.1DYJ	UYR	186DYJ
LEAD UG/L	1UY	1.4DYJ	3.4DY	1UYJ	2DYJ
MAGNESIUM UG/L	14UY	41.4DYJ	21.3UY	9UY	29DYJ
MANGANESE UG/L	6UY	3.4DYJ	0.38DYJ	UYR	5.7DYJ
MERCURY UG/L	0.1UY	0.16UY	0.16UY	0.1UY	0.16UY
NICKEL UG/L	15UY	3.8UY	7DYJ	15UY	3.8UY
POTASSIUM UG/L	81UY	710UY	710UY	95UY	710UY
SELENIUM UG/L	1UY	1.3UYJ	1.1UY	1UY	1.2UY
SILVER UG/L	1UYJ	1.7UY	1.7UY	1UY	1.7UY
SODIUM UG/L	62UY	711000DY	1100DYJ	111UY	UYR
THALLIUM UG/L	1.3DYJ	1.4UYJ	1.7UY	1.9DYJ	1.7UY
VANADIUM UG/L	23UY	1.7UY	1.7UY	5UY	1.7UY
ZINC UG/L	8UY	14DYJ	6.3DYJ	UYR	UYR

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Focused Investigation Analytical Data

Soil Boring

Volatile Organic Data

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - SOILS
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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 01/03/94
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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
12A	1,2-DICHLOROETHANE	MG/KG	20	1	0.0500	0.001	0.001	0.001	0.000
DCE	1,2-DICHLOROETHENE (TOTAL)	MG/KG	20	1	0.0500	0.004	0.004	0.004	0.000
2BU	2-BUTANONE	MG/KG	17	1	0.0588	0.150	0.150	0.150	0.000
2HX	2-HEXANONE	MG/KG	20	1	0.0500	0.087	0.087	0.087	0.000
4M2	4-METHYL-2-PENTANONE	MG/KG	20	1	0.0500	0.024	0.024	0.024	0.000
ACT	ACETONE	MG/KG	17	8	0.4706	0.007	24.000	6.293	9.719
BEN	BENZENE	MG/KG	20	18	0.9000	0.002	280.000	25.604	66.436
CDS	CARBON DISULFIDE	MG/KG	20	2	0.1000	0.002	0.006	0.004	0.000
EBN	ETHYLBENZENE	MG/KG	20	7	0.3500	0.002	440.000	97.726	162.289
MCL	METHYLENE CHLORIDE	MG/KG	20	2	0.1000	0.001	0.015	0.008	0.000
TOL	TOLUENE	MG/KG	20	18	0.9000	0.004	790.000	70.606	185.378
XY	XYLENE (TOTAL)	MG/KG	20	13	0.6500	0.010	5,100.000	624.682	1,488.348

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
111	71-55-6	1,1,1-TRICHLOROETHANE
11E	79-34-5	1,1,2,2-TETRACHLOROETHANE
112	79-00-5	1,1,2-TRICHLOROETHANE
11A	75-34-3	1,1-DICHLOROETHANE
1DE	75-35-4	1,1-DICHLOROETHENE
12A	107-06-2	1,2-DICHLOROETHANE
DCE	540-59-0	1,2-DICHLOROETHENE (TOTAL)
12P	78-87-5	1,2-DICHLOROPROPANE
2BU	78-93-3	2-BUTANONE
2HX	591-78-6	2-HEXANONE
4M2	108-10-1	4-METHYL-2-PENTANONE
ACT	67-64-1	ACETONE
BEN	71-43-2	BENZENE
BDM	75-27-4	BROMODICHLOROMETHANE
BFM	75-25-2	BROMOFORM
BRM	74-83-9	BROMOMETHANE
CDS	75-15-0	CARBON DISULFIDE
CCL	56-23-5	CARBON TETRACHLORIDE
CBN	108-90-7	CHLOROBENZENE
CET	75-00-3	CHLOROETHANE
CFM	67-66-3	CHLOROFORM
CLM	74-87-3	CHLOROMETHANE
C13	10061-01-5	CIS-1,3-DICHLOROPROPENE
D8C	124-48-1	DIBROMOCHLOROMETHANE
EBN	100-41-4	ETHYLBENZENE
MCL	75-09-2	METHYLENE CHLORIDE
STY	100-42-5	STYRENE
PCE	127-18-4	TETRACHLOROETHENE
TOL	108-88-3	TOLUENE
T13	10061-02-6	TRANS-1,3-DICHLOROPROPENE
TCE	79-01-6	TRICHLOROETHENE
VAC	108-05-4	VINYL ACETATE
VC	75-01-4	VINYL CHLORIDE
XY	1330-20-7	XYLENE (TOTAL)

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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 12/23/93
 PAGE: 1

SAMPLE ID:	SG01-02	SG02-02	SG03-02	SG04-02	SG05-02
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SG1-02	SG2-02	SG3-02	SG4-02	SG5
SAMPLE DATE:	09/16/1993	09/16/1993	09/14/1993	09/16/1993	09/14/1993
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	3.00	1.50	4.00	3.00
LOWER DEPTH:	8.00	5.00	3.00	6.00	5.00
1,1,1-TRICHLOROETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
1,1,2,2-TETRACHLOROETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
1,1,2-TRICHLOROETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
1,1-DICHLOROETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
1,1-DICHLOROETHENE UG/KG	12UY	11UY	11UY	12UY	160000UY
1,2-DICHLOROETHANE UG/KG	12UY	10YJ	11UY	12UY	160000UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	12UY	11UY	11UY	12UY	160000UY
1,2-DICHLOROPROPANE UG/KG	12UY	11UY	11UY	12UY	160000UY
2-BUTANONE UG/KG	12UY	11UY	11UY	12UY	160000UY
2-HEXANONE UG/KG	12UY	11UY	11UY	12UY	160000UY
4-METHYL-2-PENTANONE UG/KG	12UY	11UYJ	11UYJ	12UYJ	160000UY
ACETONE UG/KG	12UYJ	400YJ	11UYJ	3900YJ	260000UYJ
BENZENE UG/KG	120YJ	280Y	400Y	210Y	480000YJ
BROMODICHLOROMETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
BROMOFORM UG/KG	12UY	11UY	11UY	12UY	160000UY
BROMOMETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
CARBON DISULFIDE UG/KG	12UY	20YJ	11UY	12UY	160000UYJ
CARBON TETRACHLORIDE UG/KG	12UY	11UY	11UY	12UY	160000UY
CHLOROBENZENE UG/KG	12UY	11UY	11UY	12UY	160000UY
CHLOROETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
CHLOROFORM UG/KG	12UY	11UY	11UY	12UY	160000UY
CHLOROMETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
CIS-1,3-DICHLOROPROPENE UG/KG	12UY	11UY	11UY	12UY	160000UY
DIBROMOCHLOROMETHANE UG/KG	12UY	11UY	11UY	12UY	160000UY
ETHYLBENZENE UG/KG	80YJ	11UY	450Y	12UY	240000DY
METHYLENE CHLORIDE UG/KG	12UY	10YJ	11UY	12UY	160000UY
STYRENE UG/KG	12UY	11UY	11UY	12UY	160000UY
TETRACHLOROETHENE UG/KG	12UY	11UY	11UY	12UY	160000UY
TOLUENE UG/KG	60YJ	110YJ	2200Y	40YJ	230000DY
TRANS-1,3-DICHLOROPROPENE UG/KG	12UY	11UY	11UY	12UY	160000UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SG01-02	SG02-02	SG03-02	SG04-02	SG05-02
SAMPLE ID:	00000	00000	00000	00000	00000
SUB-SAMPLE ID:	SG1-02	SG2-02	SG3-02	SG4-02	SG5
STATION ID:	09/16/1993	09/16/1993	09/14/1993	09/16/1993	09/14/1993
SAMPLE DATE:					
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	6.00	3.00	1.50	4.00	3.00
LOWER DEPTH:	8.00	5.00	3.00	6.00	5.00
TRICHLOROETHENE UG/KG	12UY	11UY	11UY	12UY	160000UY
VINYL ACETATE UG/KG	12UY	11UYJ	11UYJ	12UYJ	160000UYJ
VINYL CHLORIDE UG/KG	12UY	11UY	11UY	12UY	160000UY
XYLENE (TOTAL) UG/KG	120YJ	320Y	5100Y	100YJ	28000000Y

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	SG05D-02	SG06-02	SG07-02	SG08-02	SG09-02
SUB-SAMPLE ID:	DUP	00000	00000	00000	00000
STATION ID:	SG5D-02	SG6-02	SG7-02	SG8-02	SG9-02
SAMPLE DATE:	09/14/1993	09/13/1993	09/14/1993	09/13/1993	09/13/1993
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	3.00	2.00	3.00	3.50
LOWER DEPTH:	5.00	5.00	4.00	5.00	5.50
1,1,1-TRICHLOROETHANE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
1,1,2,2-TETRACHLOROETHANE UG/KG	150000UY	60UY	14UYJ	12UY	12UY
1,1,2-TRICHLOROETHANE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
1,1-DICHLOROETHANE UG/KG	150000UY	60UY	14UY	12UY	12UY
1,1-DICHLOROETHENE UG/KG	150000UY	60UY	14UY	12UY	12UY
1,2-DICHLOROETHANE UG/KG	150000UY	60UY	14UY	12UY	12UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	150000UY	60UY	14UY	40YJ	12UY
1,2-DICHLOROPROPANE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
2-BUTANONE UG/KG	150000UY	UYR	14UY	UYR	UYR
2-HEXANONE UG/KG	150000UY	60UY	14UYJ	12UY	12UY
4-METHYL-2-PENTANONE UG/KG	150000UY	60UY	24DYJ	12UY	12UY
ACETONE UG/KG	150000UYJ	UYR	14UYJ	UYR	UYR
BENZENE UG/KG	1000000YJ	1600Y	110YJ	1500Y	12UYJ
BROMODICHLOROMETHANE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
BROMOFORM UG/KG	150000UY	60UYJ	14UYJ	12UYJ	12UYJ
BROMOMETHANE UG/KG	150000UY	60UY	14UY	12UY	12UY
CARBON DISULFIDE UG/KG	150000UYJ	60UY	14UY	12UY	12UY
CARBON TETRACHLORIDE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
CHLOROBENZENE UG/KG	150000UY	60UY	14UYJ	12UY	12UY
CHLOROETHANE UG/KG	150000UY	60UY	14UY	12UY	12UY
CHLOROFORM UG/KG	150000UY	60UY	14UY	12UY	12UY
CHLOROMETHANE UG/KG	150000UY	60UY	14UY	12UY	12UY
CIS-1,3-DICHLOROPROPENE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
DIBROMOCHLOROMETHANE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
ETHYLBENZENE UG/KG	440000DY	60UY	14UYJ	12UY	12UY
METHYLENE CHLORIDE UG/KG	150000UY	15DYJ	14UY	12UY	12UY
STYRENE UG/KG	150000UY	60UY	14UYJ	12UY	12UY
TETRACHLOROETHENE UG/KG	150000UY	60UY	14UYJ	12UY	12UY
TOLUENE UG/KG	790000DY	270DY	61DYJ	100YJ	12UY
TRANS-1,3-DICHLOROPROPENE UG/KG	150000UYJ	60UY	14UYJ	12UY	12UYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADN ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SG05D-02	SG06-02	SG07-02	SG08-02	SG09-02
SAMPLE ID:	SG05D-02	SG06-02	SG07-02	SG08-02	SG09-02
SUB-SAMPLE ID:	DUP	00000	00000	00000	00000
STATION ID:	SG5D-02	SG6-02	SG7-02	SG8-02	SG9-02
SAMPLE DATE:	09/14/1993	09/13/1993	09/14/1993	09/13/1993	09/13/1993
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	3.00	3.00	2.00	3.00	3.50
LOWER DEPTH:	5.00	5.00	4.00	5.00	5.50
TRICHLOROETHENE UG/KG	150000UY	60UY	14UYJ	12UY	12UYJ
VINYL ACETATE UG/KG	150000UYJ	60UYJ	14UYJ	12UYJ	12UYJ
VINYL CHLORIDE UG/KG	150000UY	60UY	14UY	12UY	12UY
XYLENE (TOTAL) UG/KG	5100000DY	31000DY	220DYJ	11000DY	17DY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	SG10-02	SG11-02	SG12-02	SG13-02	SG14-02
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SG10-02	SG11	SG12	SG13-02	SG14-02
SAMPLE DATE:	09/16/1993	09/17/1993	09/16/1993	09/17/1993	09/17/1993
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	3.00	3.00	4.00	3.00
LOWER DEPTH:	7.00	5.00	5.00	6.00	5.00
1,1,1-TRICHLOROETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
1,1,2,2-TETRACHLOROETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
1,1,2-TRICHLOROETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
1,1-DICHLOROETHANE UG/KG	14000UYJ	12UYJ	11UY	11UYJ	61UY
1,1-DICHLOROETHENE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
1,2-DICHLOROETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	14000UYJ	12UYJ	11UY	11UYJ	61UY
1,2-DICHLOROPROPANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
2-BUTANONE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
2-HEXANONE UG/KG	14000UYJ	12UY	87DYJ	11UYJ	61UY
4-METHYL-2-PENTANONE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
ACETONE UG/KG	22000DYJ	12UYJ	310DYJ	7DYJ	61UYJ
BENZENE UG/KG	12000DYJ	2DYJ	13DYJ	11UYJ	370DYJ
BROMODICHLOROMETHANE UG/KG	14000UYJ	12UYJ	11UY	11UYJ	61UY
BROMOFORM UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
BROMOMETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
CARBON DISULFIDE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
CARBON TETRACHLORIDE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
CHLOROBENZENE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
CHLOROETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
CHLOROFORM UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
CHLOROMETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
CIS-1,3-DICHLOROPROPENE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
DIBROMOCHLOROMETHANE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
ETHYLBENZENE UG/KG	14000UYJ	2DYJ	11UY	11UYJ	61UY
METHYLENE CHLORIDE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
STYRENE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
TETRACHLOROETHENE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
TOLUENE UG/KG	130000DYJ	4DYJ	18DYJ	11UYJ	41DYJ
TRANS-1,3-DICHLOROPROPENE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SG10-02	SG11-02	SG12-02	SG13-02	SG14-02
SAMPLE ID:	00000	00000	00000	00000	00000
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SG10-02	SG11	SG12	SG13-02	SG14-02
SAMPLE DATE:	09/16/1993	09/17/1993	09/16/1993	09/17/1993	09/17/1993
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	5.00	3.00	3.00	4.00	3.00
LOWER DEPTH:	7.00	5.00	5.00	6.00	5.00
TRICHLOROETHENE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
VINYL ACETATE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
VINYL CHLORIDE UG/KG	14000UYJ	12UY	11UY	11UYJ	61UY
XYLENE (TOTAL) UG/KG	1300000YJ	12UY	11UY	11UYJ	61UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOILS
ALL OBSERVATIONS
SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SG15-02	SG16-02	SG17-02	SG18-02	SG19-02
SAMPLE ID:	00000	00000	00000	00000	00000
SUB-SAMPLE ID:					
STATION ID:	SG15-02	SG16-02	SG17-02	SG18	SG19-02
SAMPLE DATE:	09/16/1993	09/16/1993	09/16/1993	09/16/1993	09/17/1993
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	5.00	3.00	3.00
LOWER DEPTH:	6.00	4.00	7.00	5.00	5.00
1,1,1-TRICHLOROETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
1,1,2,2-TETRACHLOROETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
1,1,2-TRICHLOROETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
1,1-DICHLOROETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UYJ
1,1-DICHLOROETHENE UG/KG	17000UYJ	12UY	59UY	1500UY	13UYJ
1,2-DICHLOROETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
1,2-DICHLOROETHENE (TOTAL) UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
1,2-DICHLOROPROPANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
2-BUTANONE UG/KG	17000UYJ	12UY	59UY	1500UY	1500YJ
2-HEXANONE UG/KG	17000UYJ	12UY	59UY	1500UY	13UYJ
4-METHYL-2-PENTANONE UG/KG	17000UYJ	12UYJ	59UY	1500UY	13UYJ
ACETONE UG/KG	24000DYJ	94DYJ	59UYJ	3500DYJ	13UYJ
BENZENE UG/KG	280000DYJ	38DY	21DYJ	20000DY	2DYJ
BROMODICHLOROMETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
BROMOFORM UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
BROMOMETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
CARBON DISULFIDE UG/KG	17000UYJ	12UY	59UY	1500UY	6DYJ
CARBON TETRACHLORIDE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
CHLOROBENZENE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
CHLOROETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
CHLOROFORM UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
CHLOROMETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
CIS-1,3-DICHLOROPROPENE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
DIBROMOCHLOROMETHANE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
ETHYLBENZENE UG/KG	4000DYJ	12UY	300YJ	1500UY	13UY
METHYLENE CHLORIDE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
STYRENE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
TETRACHLOROETHENE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY
TOLUENE UG/KG	120000DYJ	4DYJ	110DY	130DYJ	15DY
TRANS-1,3-DICHLOROPROPENE UG/KG	17000UYJ	12UY	59UY	1500UY	13UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	SG15-02	SG16-02	SG17-02	SG18-02	SG19-02
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SG15-02	SG16-02	SG17-02	SG18	SG19-02
SAMPLE DATE:	09/16/1993	09/16/1993	09/16/1993	09/16/1993	09/17/1993
SAMPLE TIME:					
SAMPLE MATRIX:	SB	SB	SB	SB	SB
UPPER DEPTH:	4.00	2.00	5.00	3.00	3.00
LOWER DEPTH:	6.00	4.00	7.00	5.00	5.00
TRICHLOROETHENE UG/KG	17000UJJ	12UY	59UY	1500UY	13UY
VINYL ACETATE UG/KG	17000UJJ	12UYJ	59UY	1500UY	13UY
VINYL CHLORIDE UG/KG	17000UJJ	12UY	59UY	1500UY	13UY
XYLENE (TOTAL) UG/KG	480000YJ	12UY	700Y	1500UY	13UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

Semivolatile Organic Data

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - SOILS
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
2MN	2-METHYLNAPHTHALENE	MG/KG	3	1	0.3333	3.700	3.700	3.700	0.000
BPH	BIS(2-ETHYLHEXYL)PHTHALATE	MG/KG	3	1	0.3333	89.000	89.000	89.000	0.000
DBP	DI-N-BUTYL PHTHALATE	MG/KG	3	1	0.3333	5.300	5.300	5.300	0.000
DEP	DIETHYL PHTHALATE	MG/KG	3	1	0.3333	5.500	5.500	5.500	0.000
ISP	ISOPHORONE	MG/KG	3	1	0.3333	7.100	7.100	7.100	0.000
PAN	PHENANTHRENE	MG/KG	3	1	0.3333	6.400	6.400	6.400	0.000

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
124	120-82-1	1,2,4-TRICHLOROBENZENE
12B	95-50-1	1,2-DICHLOROBENZENE
13B	541-73-1	1,3-DICHLOROBENZENE
14B	106-46-7	1,4-DICHLOROBENZENE
245	95-95-4	2,4,5-TRICHLOROPHENOL
246	88-06-2	2,4,6-TRICHLOROPHENOL
24D	120-83-2	2,4-DICHLOROPHENOL
24M	105-67-9	2,4-DIMETHYLPHENOL
24P	51-28-5	2,4-DINITROPHENOL
24T	121-14-2	2,4-DINITROTOLUENE
26T	606-20-2	2,6-DINITROTOLUENE
2CN	91-58-7	2-CHLORONAPHTHALENE
2CP	95-57-8	2-CHLOROPHENOL
2MN	91-57-6	2-METHYLNAPHTHALENE
2MP	95-48-7	2-METHYLPHENOL
2NA	88-74-4	2-NITROANILINE
2NP	88-75-5	2-NITROPHENOL
33B	91-94-1	3,3'-DICHLOROBENZIDINE
3NA	99-09-2	3-NITROANILINE
462	534-52-1	4,6-DINITRO-2-METHYLPHENOL
4BP	101-55-3	4-BROMOPHENYL PHENYL ETHER
4C3	59-50-7	4-CHLORO-3-METHYLPHENOL
4CA	106-47-8	4-CHLOROANILINE
4CP	7005-72-3	4-CHLOROPHENYL PHENYL ETHER
4MP	106-44-5	4-METHYLPHENOL
4NA	100-01-6	4-NITROANILINE
4NP	100-02-7	4-NITROPHENOL
ACN	83-32-9	ACENAPHTHENE
ACY	208-96-8	ACENAPHTHYLENE
ATR	120-12-7	ANTHRACENE
BAA	56-55-3	BENZO(A)ANTHRACENE
BAP	50-32-8	BENZO(A)PYRENE
BBF	205-99-2	BENZO(B)FLUORANTHENE
BGP	191-24-2	BENZO(GH)PERYLENE
BKF	207-08-9	BENZO(K)FLUORANTHENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
BZA	65-85-0	BENZOIC ACID
BAL	100-51-6	BENZYL ALCOHOL
BBP	85-68-7	BENZYL BUTYL PHTHALATE
BEM	111-91-1	BIS(2-CHLOROETHOXY) METHANE
BET	111-44-4	BIS(2-CHLOROETHYL)ETHER
BIT	108-60-1	BIS(2-CHLOROISOPROPYL) ETHER
BPH	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
CRY	218-01-9	CHRYSENE
DBP	84-74-2	D1-N-BUTYL PHTHALATE
DOP	117-84-0	D1-N-OCTYL PHTHALATE
DBA	53-70-3	DIBENZO(A,H)ANTHRACENE
DBF	132-64-9	DIBENZOFURAN
DEP	84-66-2	DIETHYL PHTHALATE
DMP	131-11-3	DIMETHYL PHTHALATE
FLA	206-44-0	FLUORANTHENE
FLE	86-73-7	FLUORENE
HBE	118-74-1	HEXACHLOROBENZENE
HBU	87-68-3	HEXACHLOROBUTADIENE
HCP	77-47-4	HEXACHLOROCYCLOPENTADIENE
HET	67-72-1	HEXACHLOROETHANE
ICP	193-39-5	INDENO(1,2,3-CD)PYRENE
ISP	78-59-1	ISOPHORONE
NPR	621-64-7	N-NITROSODINPROPYLAMINE
NPH	86-30-6	N-NITROSODIPHENYLAMINE
NAP	91-20-3	NAPHTHALENE
NTB	98-95-3	NITROBENZENE
PCP	87-86-5	PENTACHLOROPHENOL
PAN	85-01-8	PHENANTHRENE
PHE	108-95-2	PHENOL
PYR	129-00-0	PYRENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/13/93
 PAGE: 1

SAMPLE ID:	SG05-02	SG18A-02	SG19-02
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SG5	SG18A-02	SG19-02
SAMPLE DATE:	09/14/1993	09/17/1993	09/17/1993
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	3.00	3.00	3.00
LOWER DEPTH:	5.00	5.50	5.00
1,2,4-TRICHLOROBENZENE UG/KG	25000UY	24000UY	26000UY
1,2-DICHLOROBENZENE UG/KG	25000UY	24000UY	26000UY
1,3-DICHLOROBENZENE UG/KG	25000UY	24000UY	26000UY
1,4-DICHLOROBENZENE UG/KG	25000UY	24000UY	26000UY
2,4,5-TRICHLOROPHENOL UG/KG	63000UY	59000UY	65000UY
2,4,6-TRICHLOROPHENOL UG/KG	25000UY	24000UY	26000UY
2,4-DICHLOROPHENOL UG/KG	25000UY	24000UY	26000UY
2,4-DIMETHYLPHENOL UG/KG	25000UY	24000UY	26000UY
2,4-DINITROPHENOL UG/KG	63000UY	59000UY	65000UY
2,4-DINITROTOLUENE UG/KG	25000UY	24000UY	26000UY
2,6-DINITROTOLUENE UG/KG	25000UY	24000UY	26000UY
2-CHLORONAPHTHALENE UG/KG	25000UY	24000UY	26000UY
2-CHLOROPHENOL UG/KG	25000UY	24000UY	26000UY
2-METHYLNAPHTHALENE UG/KG	25000UY	37000YJ	26000UY
2-METHYLPHENOL UG/KG	25000UY	24000UY	26000UY
2-NITROANILINE UG/KG	63000UY	59000UY	65000UY
2-NITROPHENOL UG/KG	25000UY	24000UY	26000UY
3,3'-DICHLOROBENZIDINE UG/KG	25000UY	24000UY	26000UY
3-NITROANILINE UG/KG	63000UY	59000UY	65000UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	63000UY	59000UY	65000UY
4-BROMOPHENYL PHENYL ETHER UG/KG	25000UY	24000UY	26000UY
4-CHLORO-3-METHYLPHENOL UG/KG	25000UY	24000UY	26000UY
4-CHLOROANILINE UG/KG	25000UY	24000UYJ	26000UYJ
4-CHLOROPHENYL PHENYL ETHER UG/KG	25000UY	24000UY	26000UY
4-METHYLPHENOL UG/KG	25000UY	24000UY	26000UY
4-NITROANILINE UG/KG	63000UY	59000UY	65000UY
4-NITROPHENOL UG/KG	63000UY	59000UY	65000UY
ACENAPHTHENE UG/KG	25000UY	24000UY	26000UY
ACENAPHTHYLENE UG/KG	25000UY	24000UY	26000UY
ANTHRACENE UG/KG	25000UY	24000UY	26000UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
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 PAGE: 2

SAMPLE ID:	SG05-02	SG18A-02	SG19-02
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SG5	SG18A-02	SG19-02
SAMPLE DATE:	09/14/1993	09/17/1993	09/17/1993
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	3.00	3.00	3.00
LOWER DEPTH:	5.00	5.50	5.00
BENZO(A)ANTHRACENE UG/KG	25000UY	24000UY	26000UY
BENZO(A)PYRENE UG/KG	25000UY	24000UY	26000UY
BENZO(B)FLUORANTHENE UG/KG	25000UY	24000UY	26000UY
BENZO(GH)PERYLENE UG/KG	25000UY	24000UY	26000UY
BENZO(K)FLUORANTHENE UG/KG	25000UY	24000UY	26000UY
BENZOIC ACID UG/KG	63000UY	59000UY	65000UY
BENZYL ALCOHOL UG/KG	25000UY	24000UY	26000UY
BENZYL BUTYL PHTHALATE UG/KG	25000UY	24000UY	26000UY
BIS(2-CHLOROETHOXY) METHANE UG/KG	25000UY	24000UY	26000UY
BIS(2-CHLOROETHYL)ETHER UG/KG	25000UY	24000UY	26000UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	25000UY	24000UY	26000UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	25000UY	89000UY	26000UY
CHRYSENE UG/KG	25000UY	24000UY	26000UY
DI-N-BUTYL PHTHALATE UG/KG	53000YJ	24000UY	26000UY
DI-N-OCTYL PHTHALATE UG/KG	25000UY	24000UY	26000UY
DIBENZO(A,H)ANTHRACENE UG/KG	25000UY	24000UY	26000UY
DIBENZOFURAN UG/KG	25000UY	24000UY	26000UY
DIETHYL PHTHALATE UG/KG	55000YJ	24000UY	26000UY
DIMETHYL PHTHALATE UG/KG	25000UY	24000UY	26000UY
FLUORANTHENE UG/KG	25000UY	24000UY	26000UY
FLUORENE UG/KG	25000UY	24000UY	26000UY
HEXACHLOROBENZENE UG/KG	25000UY	24000UY	26000UY
HEXACHLOROBUTADIENE UG/KG	25000UY	24000UY	26000UY
HEXACHLOROCYCLOPENTADIENE UG/KG	25000UY	24000UY	26000UY
HEXACHLOROETHANE UG/KG	25000UY	24000UY	26000UY
INDENO(1,2,3-CD)PYRENE UG/KG	25000UY	24000UY	26000UY
ISOPHORONE UG/KG	25000UY	71000YJ	26000UY
N-NITROSODINPROPYLAMINE UG/KG	25000UY	24000UY	26000UY
N-NITROSOLIPHENYLAMINE UG/KG	25000UY	24000UY	26000UY
NAPHTHALENE UG/KG	25000UY	24000UY	26000UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/13/93
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SAMPLE ID:	SG05-02	SG18A-02	SG19-02
SUB-SAMPLE ID:	00000	00000	00000
STATION ID:	SG5	SG18A-02	SG19-02
SAMPLE DATE:	09/14/1993	09/17/1993	09/17/1993
SAMPLE TIME:			
SAMPLE MATRIX:	SB	SB	SB
UPPER DEPTH:	3.00	3.00	3.00
LOWER DEPTH:	5.00	5.50	5.00
NITROBENZENE UG/KG	25000UY	24000UY	26000UY
PENTACHLOROPHENOL UG/KG	63000UY	59000UY	65000UY
PHENANTHRENE UG/KG	64000YJ	24000UY	26000UY
PHENOL UG/KG	25000UY	24000UY	26000UY
PYRENE UG/KG	25000UY	24000UY	26000UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

Hand Auger

Semivolatile Organic Data

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - HAND AUGER
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
2MN	2-METHYLNAPHTHALENE	MG/KG	4	2	0.5000	0.055	0.056	0.056	0.000
4MP	4-METHYLPHENOL	MG/KG	4	3	0.7500	0.060	0.080	0.073	0.010
ACN	ACENAPHTHENE	MG/KG	4	1	0.2500	0.073	0.073	0.073	0.000
ATR	ANTHRACENE	MG/KG	4	4	1.0000	0.048	0.160	0.082	0.047
BAA	BENZO(A)ANTHRACENE	MG/KG	4	4	1.0000	0.180	0.380	0.270	0.087
BAP	BENZO(A)PYRENE	MG/KG	4	4	1.0000	0.200	0.420	0.310	0.101
BBF	BENZO(B)FLUORANTHENE	MG/KG	4	4	1.0000	0.007	0.620	0.289	0.218
BGP	BENZO(GHI)PERYLENE	MG/KG	4	4	1.0000	0.150	0.390	0.270	0.115
BKF	BENZO(K)FLUORANTHENE	MG/KG	4	4	1.0000	0.190	0.500	0.348	0.127
CRY	CHRYSENE	MG/KG	4	4	1.0000	0.260	0.520	0.375	0.117
DBA	DIBENZO(A,H)ANTHRACENE	MG/KG	4	3	0.7500	0.065	0.200	0.123	0.057
FLA	FLUORANTHENE	MG/KG	4	4	1.0000	0.290	0.750	0.463	0.185
FLE	FLUORENE	MG/KG	4	1	0.2500	0.090	0.090	0.090	0.000
ICP	INDENO(1,2,3-CD)PYRENE	MG/KG	4	4	1.0000	0.140	0.340	0.238	0.093
NAP	NAPHTHALENE	MG/KG	4	2	0.5000	0.049	0.056	0.053	0.000
PAN	PHENANTHRENE	MG/KG	4	4	1.0000	0.180	0.750	0.373	0.231
PYR	PYRENE	MG/KG	4	4	1.0000	0.320	0.870	0.545	0.222

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - HAND AUGER SOILS
ALL OBSERVATIONS

MATRIX REPORT CHEMICAL LISTING

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CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
124	120-82-1	1,2,4-TRICHLOROBENZENE
128	95-50-1	1,2-DICHLOROBENZENE
138	541-73-1	1,3-DICHLOROBENZENE
148	106-46-7	1,4-DICHLOROBENZENE
245	95-95-4	2,4,5-TRICHLOROPHENOL
246	88-06-2	2,4,6-TRICHLOROPHENOL
24D	120-83-2	2,4-DICHLOROPHENOL
24M	105-67-9	2,4-DIMETHYLPHENOL
24P	51-28-5	2,4-DINITROPHENOL
24T	121-14-2	2,4-DINITROTOLUENE
26T	606-20-2	2,6-DINITROTOLUENE
2CN	91-58-7	2-CHLORONAPHTHALENE
2CP	95-57-8	2-CHLOROPHENOL
2MN	91-57-6	2-METHYLNAPHTHALENE
2MP	95-48-7	2-METHYLPHENOL
2NA	88-74-4	2-NITROANILINE
2NP	88-75-5	2-NITROPHENOL
33B	91-94-1	3,3'-DICHLOROBENZIDINE
3NA	99-09-2	3-NITROANILINE
462	534-52-1	4,6-DINITRO-2-METHYLPHENOL
4BP	101-55-3	4-BROMOPHENYL PHENYL ETHER
4C3	59-50-7	4-CHLORO-3-METHYLPHENOL
4CA	106-47-8	4-CHLOROANILINE
4CP	7005-72-3	4-CHLOROPHENYL PHENYL ETHER
4MP	106-44-5	4-METHYLPHENOL
4NA	100-01-6	4-NITROANILINE
4NP	100-02-7	4-NITROPHENOL
ACN	83-32-9	ACENAPHTHENE
ACY	208-96-8	ACENAPHTHYLENE
ATR	120-12-7	ANTHRACENE
BAA	56-55-3	BENZO(A)ANTHRACENE
BAP	50-32-8	BENZO(A)PYRENE
BBF	205-99-2	BENZO(B)FLUORANTHENE
BGP	191-24-2	BENZO(GH)PERYLENE
BKF	207-08-9	BENZO(K)FLUORANTHENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
BZA	65-85-0	BENZOIC ACID
BAL	100-51-6	BENZYL ALCOHOL
BBP	85-68-7	BENZYL BUTYL PHTHALATE
BEH	111-91-1	BIS(2-CHLOROETHOXY) METHANE
BET	111-44-4	BIS(2-CHLOROETHYL)ETHER
BIT	108-60-1	BIS(2-CHLOROISOPROPYL) ETHER
BPH	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
CRY	218-01-9	CHRYSENE
DBP	84-74-2	DI-N-BUTYL PHTHALATE
DOP	117-84-0	DI-N-OCTYL PHTHALATE
DBA	53-70-3	DIBENZO(A,H)ANTHRACENE
DBF	132-64-9	DIBENZOFURAN
DEP	84-66-2	DIETHYL PHTHALATE
DMP	131-11-3	DIMETHYL PHTHALATE
FLA	206-44-0	FLUORANTHENE
FLE	86-73-7	FLUORENE
HBE	118-74-1	HEXACHLOROBENZENE
HBU	87-68-3	HEXACHLOROBUTADIENE
HCP	77-47-4	HEXACHLOROCYCLOPENTADIENE
HET	67-72-1	HEXACHLOROETHANE
ICP	193-39-5	INDENO(1,2,3-CD)PYRENE
ISP	78-59-1	ISOPHORONE
NPR	621-64-7	N-NITROSODINPROPYLAMINE
NPH	86-30-6	N-NITROSODIPHENYLAMINE
NAP	91-20-3	NAPHTHALENE
NTB	98-95-3	NITROBENZENE
PCP	87-86-5	PENTACHLOROPHENOL
PAN	85-01-8	PHENANTHRENE
PHE	108-95-2	PHENOL
PYR	129-00-0	PYRENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - HAND AUGER SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/23/93
 PAGE: 1

SAMPLE ID:	HA01-02	HA02-02	HA02D-02	HA03-02
SUB-SAMPLE ID:	00000	00000	DUP	00000
STATION ID:	HA1	HA2	HA2D	HA3
SAMPLE DATE:	09/07/1993	09/07/1993	09/07/1993	09/07/1993
SAMPLE TIME:				
SAMPLE MATRIX:	SS	SS	SS	SS
UPPER DEPTH:	0.00	0.00	0.00	0.00
LOWER DEPTH:	1.00	1.00	1.00	1.00
1,2,4-TRICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
1,2-DICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
1,3-DICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
1,4-DICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
2,4,5-TRICHLOROPHENOL UG/KG	920UY	900UY	900UY	910UY
2,4,6-TRICHLOROPHENOL UG/KG	370UY	360UY	360UY	360UY
2,4-DICHLOROPHENOL UG/KG	370UY	360UY	360UY	360UY
2,4-DIMETHYLPHENOL UG/KG	370UY	360UY	360UY	360UY
2,4-DINITROPHENOL UG/KG	920UY	900UY	900UY	910UY
2,4-DINITROTOLUENE UG/KG	370UY	360UY	360UY	360UY
2,6-DINITROTOLUENE UG/KG	370UY	360UY	360UY	360UY
2-CHLORONAPHTHALENE UG/KG	370UY	360UY	360UY	360UY
2-CHLOROPHENOL UG/KG	370UY	360UY	360UY	360UY
2-METHYLNAPHTHALENE UG/KG	55DYJ	360UY	360UY	56DYJ
2-METHYLPHENOL UG/KG	370UY	360UY	360UY	360UY
2-NITROANILINE UG/KG	920UY	900UY	900UY	910UY
2-NITROPHENOL UG/KG	370UY	360UY	360UY	360UY
3,3'-DICHLOROBENZIDINE UG/KG	370UYJ	360UY	360UY	360UYJ
3-NITROANILINE UG/KG	920UY	900UY	900UY	910UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	920UYJ	900UY	900UY	910UY
4-BROMOPHENYL PHENYL ETHER UG/KG	370UYJ	360UY	360UY	360UY
4-CHLORO-3-METHYLPHENOL UG/KG	370UY	360UY	360UY	360UY
4-CHLOROANILINE UG/KG	370UY	360UY	360UY	360UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	370UY	360UY	360UY	360UY
4-METHYLPHENOL UG/KG	80DYJ	60DYJ	360UY	80DYJ
4-NITROANILINE UG/KG	920UY	900UY	900UY	910UY
4-NITROPHENOL UG/KG	920UY	900UY	900UY	910UY
ACENAPHTHENE UG/KG	370UY	360UY	360UY	73DYJ
ACENAPHTHYLENE UG/KG	370UY	360UY	360UY	360UY
ANTHRACENE UG/KG	73DYJ	48DYJ	48DYJ	160DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - HAND AUGER SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/23/93
 PAGE: 2

SAMPLE ID:	HA01-02	HA02-02	HA02D-02	HA03-02
SUB-SAMPLE ID:	00000	00000	DUP	00000
STATION ID:	HA1	HA2	HA2D	HA3
SAMPLE DATE:	09/07/1993	09/07/1993	09/07/1993	09/07/1993
SAMPLE TIME:				
SAMPLE MATRIX:	SS	SS	SS	SS
UPPER DEPTH:	0.00	0.00	0.00	0.00
LOWER DEPTH:	1.00	1.00	1.00	1.00
BENZO(A)ANTHRACENE UG/KG	3300YJ	1800YJ	1900YJ	3800YJ
BENZO(A)PYRENE UG/KG	4000YJ	2000YJ	2200YJ	4200YJ
BENZO(B)FLUORANTHENE UG/KG	70YJ	2600YJ	2700YJ	6200YJ
BENZO(GH)PERYLENE UG/KG	3900YJ	1500YJ	1600YJ	3800YJ
BENZO(K)FLUORANTHENE UG/KG	4400YJ	1900YJ	2600YJ	5000YJ
BENZOIC ACID UG/KG	920UY	900UY	900UY	910UY
BENZYL ALCOHOL UG/KG	370UY	360UY	360UY	360UY
BENZYL BUTYL PHTHALATE UG/KG	370UYJ	360UY	360UY	360UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	370UY	360UY	360UY	360UY
BIS(2-CHLOROETHYL)ETHER UG/KG	370UY	360UY	360UY	360UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	370UY	360UY	360UY	360UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	1500UYJ	1060UY	3300UY	1800UYJ
CHRYSENE UG/KG	4600YJ	2600YJ	2600YJ	5200YJ
DI-N-BUTYL PHTHALATE UG/KG	370UYJ	360UY	360UY	360UY
DI-N-OCTYL PHTHALATE UG/KG	UYR	360UY	360UYJ	360UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	2000YJ	360UY	650YJ	1050YJ
DIBENZOFURAN UG/KG	370UY	360UY	360UY	360UY
DIETHYL PHTHALATE UG/KG	370UY	360UY	360UY	360UY
DIMETHYL PHTHALATE UG/KG	370UY	360UY	360UY	360UY
FLUORANTHENE UG/KG	5000YJ	3100YJ	2900YJ	7500Y
FLUORENE UG/KG	370UY	360UY	360UY	900YJ
HEXACHLOROBENZENE UG/KG	3700YJ	360UY	360UY	360UY
HEXACHLOROBUTADIENE UG/KG	370UY	360UY	360UY	360UY
HEXACHLOROCYCLOPENTADIENE UG/KG	370UY	360UY	360UY	360UY
HEXACHLOROETHANE UG/KG	370UY	360UY	360UY	360UY
INDENO(1,2,3-CD)PYRENE UG/KG	3200YJ	1400YJ	1500YJ	3400YJ
ISOPHORONE UG/KG	370UY	360UY	360UY	360UY
N-NITROSODI-N-PROPYLAMINE UG/KG	370UY	360UY	360UY	360UY
N-NITROSODIPHENYLAMINE UG/KG	3700YJ	360UY	360UY	360UY
NAPHTHALENE UG/KG	560YJ	360UY	360UY	490YJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - HAND AUGER SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	HA01-02	HA02-02	HA02D-02	HA03-02
SUB-SAMPLE ID:	00000	00000	DUP	00000
STATION ID:	HA1	HA2	HA2D	HA3
SAMPLE DATE:	09/07/1993	09/07/1993	09/07/1993	09/07/1993
SAMPLE TIME:				
SAMPLE MATRIX:	SS	SS	SS	SS
UPPER DEPTH:	0.00	0.00	0.00	0.00
LOWER DEPTH:	1.00	1.00	1.00	1.00
NITROBENZENE UG/KG	370UY	360UY	360UY	360UY
PENTACHLOROPHENOL UG/KG	920UYJ	900UY	900UY	910UY
PHENANTHRENE UG/KG	370DYJ	190DYJ	180DYJ	750DY
PHENOL UG/KG	370UY	360UY	360UY	360UY
PYRENE UG/KG	630DYJ	320DYJ	360DY	870DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

Source Delineation – Groundwater

Groundwater Analytical Results for Monitoring Wells OBMW18, OBMW19, and BRTW2

Analyte	NJDEPE Groundwater Quality Criteria ^a	Federal Standards	Well Number and Date Sampled				
			OBMW18 10/20/93	OBMW18D 10/20/93 Dup. of OB18	OBMW19 10/20/93	BRTW2 11/15/93	BRTW2D 11/15/93 Dup. of BRTW2
Volatile Organics (ppb)							
Acetone	700	--	--	--	--	52	--
Benzene	0.2	5 ^b	--	--	21	170	--
Chlorobenzene	4	--	--	--	--	0.8 J	0.6 J
1,3-Dichlorobenzene	600	--	--	280	--	--	--
1,4-Dichlorobenzene	75	--	--	--	--	0.5 J	0.5 J
1,2-Dichloroethane	0.3	5 ^b	--	--	--	9	5 J
Cis-1,2-Dichloroethene	10	70 ^b	--	--	--	240	81 J
Trans-1,2-Dichloroethene	100	100 ^b	--	--	--	0.9 J	--
Ethylbenzene	700	700 ^c	1,400	--	--	--	--
Methylene Chloride	2	--	--	--	--	0.6 J	--
4-Methyl-2-pentanone	400	--	--	--	--	3 J	--
1,1,2,2-Tetrachloroethane	2	--	--	--	--	1 J	--
Toluene	1,000	1,000 ^b	670	380	1 J	3	1 J
Xylene (total)	40	10,000 ^b	6,000	4,600	5	3	2 J
Vinyl Chloride	0.08	2 ^b	--	--	--	--	300 J
Semi-volatile Organics (ppb)							
bis(2-Ethylhexyl)phthalate	3	--	--	--	NA	NA	NA
Diethylphthalate	5,000	--	2 J	--	NA	NA	NA
Di-n-octylphthalate	100	--	10 J	--	NA	NA	NA
2-Methylnaphthalene	--	--	--	34 J	NA	NA	NA
Naphthalene	--	--	210	160 J	NA	NA	NA
Metals total (ppb)							
Aluminum	200	--	423	407	NA	NA	NA
Arsenic	0.02	50 ^b	6.3 B	5 B	NA	NA	NA
Barium	2,000	2,000 ^b	248	279	NA	NA	NA
Beryllium	0.008	4 ^c	5.7	9 J	NA	NA	NA
Calcium	--	--	229,000	230,000	NA	NA	NA
Cobalt	--	--	8.1 B	--	NA	NA	NA
Iron	300	--	12,000	6,240	NA	NA	NA
Lead	5	15 ^b	8 J	8 J	NA	NA	NA
Magnesium	--	--	38,800	40,000	NA	NA	NA
Manganese	50	--	16,800	15,100	NA	NA	NA
Mercury	2	2 ^c	0.11 B	--	NA	NA	NA
Potassium	--	--	35,400 B	36,400	NA	NA	NA
Sodium	50,000	--	274,000	274,000	NA	NA	NA
Vanadium	--	--	18.3 B	--	NA	NA	NA
Zinc	5,000	--	--	11.1 B	NA	NA	NA

^a New Jersey Groundwater Cleanup Criteria, for Class II-A Groundwater, *New Jersey Register*, February 1, 1993.

^b Drinking Water Regulations and Health Advisories from Office of Water U.S. Environmental Protection Agency, April, 1992.

^c 40 CFR 141.60 - 40 CFR 141.62

Notes:

J = Estimated Value

B = Analyte was also detected in the laboratory blank

NA = Sample was not analyzed for this analyte

Equipment and Trip Blank Data

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS

MATRIX REPORT CHEMICAL LISTING

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CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
111	71-55-6	1,1,1-TRICHLOROETHANE
11E	79-34-5	1,1,2,2-TETRACHLOROETHANE
112	79-00-5	1,1,2-TRICHLOROETHANE
11A	75-34-3	1,1-DICHLOROETHANE
1DE	75-35-4	1,1-DICHLOROETHENE
12A	107-06-2	1,2-DICHLOROETHANE
DCE	540-59-0	1,2-DICHLOROETHENE (TOTAL)
12P	78-87-5	1,2-DICHLOROPROPANE
2BU	78-93-3	2-BUTANONE
2HX	591-78-6	2-HEXANONE
4M2	108-10-1	4-METHYL-2-PENTANONE
ACT	67-64-1	ACETONE
BEN	71-43-2	BENZENE
BDM	75-27-4	BROMODICHLOROMETHANE
BFM	75-25-2	BROMOFORM
BRM	74-83-9	BROMOMETHANE
CDS	75-15-0	CARBON DISULFIDE
CCL	56-23-5	CARBON TETRACHLORIDE
CBN	108-90-7	CHLOROBENZENE
CET	75-00-3	CHLOROETHANE
CFM	67-66-3	CHLOROFORM
CLM	74-87-3	CHLOROMETHANE
C13	10061-01-5	CIS-1,3-DICHLOROPROPENE
OBC	124-48-1	DIBROMOCHLOROMETHANE
EBN	100-41-4	ETHYLBENZENE
MCL	75-09-2	METHYLENE CHLORIDE
STY	100-42-5	STYRENE
PCE	127-18-4	TETRACHLOROETHENE
TOL	108-88-3	TOLUENE
T13	10061-02-6	TRANS-1,3-DICHLOROPROPENE
TCE	79-01-6	TRICHLOROETHENE
VAC	108-05-4	VINYL ACETATE
VC	75-01-4	VINYL CHLORIDE
XY	1330-20-7	XYLENE (TOTAL)

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

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 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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SAMPLE ID:	SB-FB02-02	SB-FB03-02	SB-FB04-02	SB-FB05-02	SB-FB06-02
SUB-SAMPLE ID:	00000	00000	00000	00000	00000
STATION ID:	SB-FB2-02	SB-FB3-02	SB-FB4-02	SB-FB5-02	SB-FB6-02
SAMPLE DATE:	09/14/1993	09/14/1993	09/15/1993	09/16/1993	09/17/1993
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
1,1,1-TRICHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
1,1,2,2-TETRACHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
1,1,2-TRICHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
1,1-DICHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
1,1-DICHLOROETHENE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DICHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DICHLOROETHENE (TOTAL) UG/L	10UY	10UY	10UY	10UY	10UY
1,2-DICHLOROPROPANE UG/L	10UY	10UY	10UY	10UY	10UY
2-BUTANONE UG/L	10UY	10UY	10UY	10UY	10UY
2-HEXANONE UG/L	10UY	10UY	10UY	10UY	10UY
4-METHYL-2-PENTANONE UG/L	10UY	10UY	10UY	10UY	10UY
ACETONE UG/L	30YJ	10UYJ	10UYJ	10UY	10UY
BENZENE UG/L	10UY	10UY	10UY	10UY	10UY
BROMODICHLOROMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
BROMOFORM UG/L	10UY	10UY	10UY	10UY	10UY
BROMOMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CARBON DISULFIDE UG/L	10UY	10UY	10UY	10UY	10UY
CARBON TETRACHLORIDE UG/L	10UYJ	10UYJ	10UYJ	10UYJ	10UYJ
CHLOROBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
CHLOROETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CHLOROFORM UG/L	10UY	10UY	10UY	10UY	10UY
CHLOROMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
CIS-1,3-DICHLOROPROPENE UG/L	10UY	10UY	10UY	10UY	10UY
DIBROMOCHLOROMETHANE UG/L	10UY	10UY	10UY	10UY	10UY
ETHYLBENZENE UG/L	10UY	10UY	10UY	10UY	10UY
METHYLENE CHLORIDE UG/L	10UY	10UY	10UY	10UY	30YJ
STYRENE UG/L	10UY	10UY	10UY	10UY	10UY
TETRACHLOROETHENE UG/L	10UY	10UY	10UY	10UY	10UY
TOLUENE UG/L	10UY	10UY	10UY	10UY	10UY
TRANS-1,3-DICHLOROPROPENE UG/L	10UY	10UY	10UY	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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	SB-FB02-02	SB-FB03-02	SB-FB04-02	SB-FB05-02	SB-FB06-02
SAMPLE ID:	00000	00000	00000	00000	00000
SUB-SAMPLE ID:					
STATION ID:	SB-FB2-02	SB-FB3-02	SB-FB4-02	SB-FB5-02	SB-FB6-02
SAMPLE DATE:	09/14/1993	09/14/1993	09/15/1993	09/16/1993	09/17/1993
SAMPLE TIME:					
SAMPLE MATRIX:	AQ	AQ	AQ	AQ	AQ
UPPER DEPTH:					
LOWER DEPTH:					
TRICHLOROETHENE UG/L	10UY	10UY	10UY	10UY	10UY
VINYL ACETATE UG/L	10UY	10UY	10UY	10UY	10UY
VINYL CHLORIDE UG/L	10UY	10UY	10UY	10UY	10UY
XYLENE (TOTAL) UG/L	10UY	10UY	10UY	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - GROUNDWATER BLANKS
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: VOLATILE ORGANICS

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
12A	1,2-DICHLOROETHANE	UG/L	14	1	0.0714	0.300	0.300	0.300	0.000
14B	1,4-DICHLOROBENZENE	UG/L	14	1	0.0714	0.200	0.200	0.200	0.000
ACT	ACETONE	UG/L	14	12	0.8571	4.000	11.000	7.000	2.041
BEN	BENZENE	UG/L	14	1	0.0714	0.700	0.700	0.700	0.000
CLM	CHLOROMETHANE	UG/L	14	1	0.0714	3.000	3.000	3.000	0.000
C12	CIS-1,2-DICHLOROETHYLENE	UG/L	14	1	0.0714	3.000	3.000	3.000	0.000
MCL	METHYLENE CHLORIDE	UG/L	14	14	1.0000	1.000	3.000	1.786	0.558
TOL	TOLUENE	UG/L	14	5	0.3571	0.100	0.300	0.260	0.080

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

EDMS CHEMICAL SUMMARY STATISTICS
 STEPAN MAYWOOD - GROUNDWATER BLANKS
 DETECTED OBSERVATIONS ONLY
 SAMPLE ANALYSIS: INORGANICS

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Chemical Code	Chemical Name	Conc Units	Total Count	Detected Count	Detected Frequency	Detected Minimum	Detected Maximum	Detected Average	Standard Deviation
AL	ALUMINUM	UG/L	4	2	0.5000	54.000	91.000	72.500	18.500
SB	ANTIMONY	UG/L	4	1	0.2500	18.200	18.200	18.200	0.000
AS	ARSENIC	UG/L	4	1	0.2500	1.200	1.200	1.200	0.000
BA	BARIUM	UG/L	4	1	0.2500	2.100	2.100	2.100	0.000
CD	CADMIUM	UG/L	4	1	0.2500	5.900	5.900	5.900	0.000
CA	CALCIUM	UG/L	4	4	1.0000	144.000	959.000	522.750	300.587
FE	IRON	UG/L	4	1	0.2500	122.000	122.000	122.000	0.000
MG	MAGNESIUM	UG/L	4	2	0.5000	78.600	90.800	84.700	6.100
MN	MANGANESE	UG/L	2	2	1.0000	5.000	12.000	8.500	3.500
SE	SELENIUM	UG/L	4	1	0.2500	2.000	2.000	2.000	0.000
NA	SODIUM	UG/L	4	2	0.5000	203.000	1,040.000	621.500	418.500

REJECTED OBSERVATIONS ARE NOT INCLUDED IN ANY CALCULATIONS. DETECTED FREQUENCY = DETECTED COUNT/TOTAL COUNT.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
124	120-82-1	1,2,4-TRICHLOROBENZENE
12B	95-50-1	1,2-DICHLOROBENZENE
13B	541-73-1	1,3-DICHLOROBENZENE
14B	106-46-7	1,4-DICHLOROBENZENE
245	95-95-4	2,4,5-TRICHLOROPHENOL
246	88-06-2	2,4,6-TRICHLOROPHENOL
24D	120-83-2	2,4-DICHLOROPHENOL
24M	105-67-9	2,4-DIMETHYLPHENOL
24P	51-28-5	2,4-DINITROPHENOL
24T	121-14-2	2,4-DINITROTOLUENE
26T	606-20-2	2,6-DINITROTOLUENE
2CN	91-58-7	2-CHLORONAPHTHALENE
2CP	95-57-8	2-CHLOROPHENOL
2MN	91-57-6	2-METHYLNAPHTHALENE
2MP	95-48-7	2-METHYLPHENOL
2NA	88-74-4	2-NITROANILINE
2NP	88-75-5	2-NITROPHENOL
33B	91-94-1	3,3'-DICHLOROBENZIDINE
3NA	99-09-2	3-NITROANILINE
462	534-52-1	4,6-DINITRO-2-METHYLPHENOL
4BP	101-55-3	4-BROMOPHENYL PHENYL ETHER
4C3	59-50-7	4-CHLORO-3-METHYLPHENOL
4CA	106-47-8	4-CHLOROANILINE
4CP	7005-72-3	4-CHLOROPHENYL PHENYL ETHER
4MP	106-44-5	4-METHYLPHENOL
4NA	100-01-6	4-NITROANILINE
4NP	100-02-7	4-NITROPHENOL
ACN	83-32-9	ACENAPHTHENE
ACY	208-96-8	ACENAPHTHYLENE
ATR	120-12-7	ANTHRACENE
BAA	56-55-3	BENZO(A)ANTHRACENE
BAP	50-32-8	BENZO(A)PYRENE
BBF	205-99-2	BENZO(B)FLUORANTHENE
BGP	191-24-2	BENZO(GHI)PERYLENE
BKF	207-08-9	BENZO(K)FLUORANTHENE

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MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
BZA	65-85-0	BENZOIC ACID
BAL	100-51-6	BENZYL ALCOHOL
BBP	85-68-7	BENZYL BUTYL PHTHALATE
BEM	111-91-1	BIS(2-CHLOROETHOXY) METHANE
BET	111-44-4	BIS(2-CHLOROETHYL)ETHER
BIT	108-60-1	BIS(2-CHLOROISOPROPYL) ETHER
BPH	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
CRY	218-01-9	CHRYSENE
DBP	84-74-2	DI-N-BUTYL PHTHALATE
DOP	117-84-0	DI-N-OCTYL PHTHALATE
DBA	53-70-3	DIBENZO(A,H)ANTHRACENE
DBF	132-64-9	DIBENZOFURAN
DEP	84-66-2	DIETHYL PHTHALATE
DMP	131-11-3	DIMETHYL PHTHALATE
FLA	206-44-0	FLUORANTHENE
FLE	86-73-7	FLUORENE
HBE	118-74-1	HEXACHLOROBENZENE
HBU	87-68-3	HEXACHLOROBUTADIENE
HCP	77-47-4	HEXACHLOROCYCLOPENTADIENE
HET	67-72-1	HEXACHLOROETHANE
ICP	193-39-5	INDENO(1,2,3-CD)PYRENE
ISP	78-59-1	ISOPHORONE
NPR	621-64-7	N-NITROSODINPROPYLAMINE
NPH	86-30-6	N-NITROSODIPHENYLAMINE
NAP	91-20-3	NAPHTHALENE
NTB	98-95-3	NITROBENZENE
PCP	87-86-5	PENTACHLOROPHENOL
PAN	85-01-8	PHENANTHRENE
PHE	108-95-2	PHENOL
PYR	129-00-0	PYRENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

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 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

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SAMPLE ID:	SB-FB03-02	SB-FB06-02
SUB-SAMPLE ID:	00000	00000
STATION ID:	SB-FB3-02	SB-FB6-02
SAMPLE DATE:	09/14/1993	09/17/1993
SAMPLE TIME:		
SAMPLE MATRIX:	AQ	AQ
UPPER DEPTH:		
LOWER DEPTH:		
1,2,4-TRICHLOROBENZENE UG/L	10UY	10UY
1,2-DICHLOROBENZENE UG/L	10UY	10UY
1,3-DICHLOROBENZENE UG/L	10UY	10UY
1,4-DICHLOROBENZENE UG/L	10UY	10UY
2,4,5-TRICHLOROPHENOL UG/L	50UY	50UY
2,4,6-TRICHLOROPHENOL UG/L	10UY	10UY
2,4-DICHLOROPHENOL UG/L	10UY	10UY
2,4-DIMETHYLPHENOL UG/L	10UY	10UY
2,4-DINITROPHENOL UG/L	50UY	50UY
2,4-DINITROTOLUENE UG/L	10UY	10UY
2,6-DINITROTOLUENE UG/L	10UY	10UY
2-CHLORONAPHTHALENE UG/L	10UY	10UY
2-CHLOROPHENOL UG/L	10UY	10UY
2-METHYLNAPHTHALENE UG/L	10UY	10UY
2-METHYLPHENOL UG/L	10UY	10UY
2-NITROANILINE UG/L	50UY	50UY
2-NITROPHENOL UG/L	10UY	10UY
3,3'-DICHLOROBENZIDINE UG/L	20UY	20UY
3-NITROANILINE UG/L	50UY	50UY
4,6-DINITRO-2-METHYLPHENOL UG/L	50UY	50UY
4-BROMOPHENYL PHENYL ETHER UG/L	10UY	10UY
4-CHLORO-3-METHYLPHENOL UG/L	10UY	10UY
4-CHLOROANILINE UG/L	10UY	10UY
4-CHLOROPHENYL PHENYL ETHER UG/L	10UY	10UY
4-METHYLPHENOL UG/L	10UY	10UY
4-NITROANILINE UG/L	50UY	50UY
4-NITROPHENOL UG/L	50UY	50UY
ACENAPHTHENE UG/L	10UY	10UY
ACENAPHTHYLENE UG/L	10UY	10UY
ANTHRACENE UG/L	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD'S ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
 U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/13/93
 PAGE: 2

SAMPLE ID:	SB-FB03-02	SB-FB06-02
SUB-SAMPLE ID:	00000	00000
STATION ID:	SB-FB3-02	SB-FB6-02
SAMPLE DATE:	09/14/1993	09/17/1993
SAMPLE TIME:		
SAMPLE MATRIX:	AQ	AQ
UPPER DEPTH:		
LOWER DEPTH:		

BENZO(A)ANTHRACENE UG/L	10UY	10UY
BENZO(A)PYRENE UG/L	10UY	10UY
BENZO(B)FLUORANTHENE UG/L	10UY	10UY
BENZO(GHI)PERYLENE UG/L	10UY	10UY
BENZO(K)FLUORANTHENE UG/L	10UY	10UY

BENZOIC ACID UG/L	50UY	50UY
BENZYL ALCOHOL UG/L	10UY	10UY
BENZYL BUTYL PHTHALATE UG/L	10UY	10UY
BIS(2-CHLOROETHOXY) METHANE UG/L	10UY	10UY
BIS(2-CHLOROETHYL)ETHER UG/L	10UY	10UY

BIS(2-CHLOROISOPROPYL) ETHER UG/L	10UY	10UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/L	12DY	35DY
CHRYSENE UG/L	10UY	10UY
DI-N-BUTYL PHTHALATE UG/L	10UY	10UY
DI-N-OCTYL PHTHALATE UG/L	10UY	10UY

DIBENZO(A,H)ANTHRACENE UG/L	10UY	10UY
DIBENZOFURAN UG/L	10UY	10UY
DIETHYL PHTHALATE UG/L	10UY	10UY
DIMETHYL PHTHALATE UG/L	10UY	10UY
FLUORANTHENE UG/L	10UY	10UY

FLUORENE UG/L	10UY	10UY
HEXACHLOROBENZENE UG/L	10UY	10UY
HEXACHLOROBUTADIENE UG/L	10UY	10UY
HEXACHLOROCYCLOPENTADIENE UG/L	10UY	10UY
HEXACHLOROETHANE UG/L	10UY	10UY

INDENO(1,2,3-CD)PYRENE UG/L	10UY	10UY
ISOPHORONE UG/L	10UY	10UY
N-NITROSODIPROPYLAMINE UG/L	10UY	10UY
N-NITROSODIPHENYLAMINE UG/L	10UY	10UY
NAPHTHALENE UG/L	10UY	10UY

NNH+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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 JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

EDMS CHEMICAL OBSERVATIONS MATRIX
STEPAN MAYWOOD - SOILS
ALL OBSERVATIONS
SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
12/13/93
PAGE: 3

SAMPLE ID:	SB-FB03-02	SB-FB06-02
SUB-SAMPLE ID:	00000	00000
STATION ID:	SB-FB3-02	SB-FB6-02
SAMPLE DATE:	09/14/1993	09/17/1993
SAMPLE TIME:		
SAMPLE MATRIX:	AQ	AQ
UPPER DEPTH:		
LOWER DEPTH:		
NITROBENZENE UG/L	10UY	10UY
PENTACHLOROPHENOL UG/L	50UY	50UY
PHENANTHRENE UG/L	10UY	10UY
PHENOL UG/L	10UY	10UY
PYRENE UG/L	10UY	10UY

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
U = less than detection limit, D=detected, J=estimated, R=unusable, N= evidence of presence of material
JN = tentatively identified and estimated, UJ = not detected and detection limit is estimated.

MATRIX REPORT CHEMICAL LISTING

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
124	120-82-1	1,2,4-TRICHLOROBENZENE
128	95-50-1	1,2-DICHLOROBENZENE
13B	541-73-1	1,3-DICHLOROBENZENE
14B	106-46-7	1,4-DICHLOROBENZENE
245	95-95-4	2,4,5-TRICHLOROPHENOL
246	88-06-2	2,4,6-TRICHLOROPHENOL
24D	120-83-2	2,4-DICHLOROPHENOL
24M	105-67-9	2,4-DIMETHYLPHENOL
24P	51-28-5	2,4-DINITROPHENOL
24T	121-14-2	2,4-DINITROTOLUENE
26T	606-20-2	2,6-DINITROTOLUENE
2CN	91-58-7	2-CHLORONAPHTHALENE
2CP	95-57-8	2-CHLOROPHENOL
2MN	91-57-6	2-METHYLNAPHTHALENE
2MP	95-48-7	2-METHYLPHENOL
2NA	88-74-4	2-NITROANILINE
2NP	88-75-5	2-NITROPHENOL
33B	91-94-1	3,3'-DICHLOROBENZIDINE
3NA	99-09-2	3-NITROANILINE
462	534-52-1	4,6-DINITRO-2-METHYLPHENOL
4BP	101-55-3	4-BROMOPHENYL PHENYL ETHER
4C3	59-50-7	4-CHLORO-3-METHYLPHENOL
4CA	106-47-8	4-CHLOROANILINE
4CP	7005-72-3	4-CHLOROPHENYL PHENYL ETHER
4MP	106-44-5	4-METHYLPHENOL
4NA	100-01-6	4-NITROANILINE
4NP	100-02-7	4-NITROPHENOL
ACN	83-32-9	ACENAPHTHENE
ACY	208-96-8	ACENAPHTHYLENE
ATR	120-12-7	ANTHRACENE
BAA	56-55-3	BENZO(A)ANTHRACENE
BAP	50-32-8	BENZO(A)PYRENE
BBF	205-99-2	BENZO(B)FLUORANTHENE
BGP	191-24-2	BENZO(GHI)PERYLENE
BKF	207-08-9	BENZO(K)FLUORANTHENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - HAND AUGER SOILS
 ALL OBSERVATIONS

MATRIX REPORT CHEMICAL LISTING

EDMS-001
 12/14/93
 PAGE: 2

CHEMICAL CODE	CAS NUMBER	CHEMICAL NAME
BZA	65-85-0	BENZOIC ACID
BAL	100-51-6	BENZYL ALCOHOL
BBP	85-68-7	BENZYL BUTYL PHTHALATE
BEM	111-91-1	BIS(2-CHLOROETHOXY) METHANE
BET	111-44-4	BIS(2-CHLOROETHYL)ETHER
BIT	108-60-1	BIS(2-CHLOROISOPROPYL) ETHER
BPH	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
CRY	218-01-9	CHRYSENE
DBP	84-74-2	DI-N-BUTYL PHTHALATE
DOP	117-84-0	DI-N-OCTYL PHTHALATE
DBA	53-70-3	DIBENZO(A,H)ANTHRACENE
DBF	132-64-9	DIBENZOFURAN
DEP	84-66-2	DIETHYL PHTHALATE
DMP	131-11-3	DIMETHYL PHTHALATE
FLA	206-44-0	FLUORANTHENE
FLE	86-73-7	FLUORENE
HBE	118-74-1	HEXACHLOROBENZENE
HBU	87-68-3	HEXACHLOROBUTADIENE
HCP	77-47-4	HEXACHLOROCYCLOPENTADIENE
HET	67-72-1	HEXACHLOROETHANE
ICP	193-39-5	INDENO(1,2,3-CD)PYRENE
ISP	78-59-1	ISOPHORONE
NPR	621-64-7	N-NITROSODINPROPYLAMINE
NPH	86-30-6	N-NITROSODIPHENYLAMINE
NAP	91-20-3	NAPHTHALENE
NTB	98-95-3	NITROBENZENE
PCP	87-86-5	PENTACHLOROPHENOL
PAN	85-01-8	PHENANTHRENE
PHE	108-95-2	PHENOL
PYR	129-00-0	PYRENE

This report is a listing of all chemicals found in the database for the selected group of data in the Matrix Report.

EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - HAND AUGER SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/14/93
 PAGE: 1

SAMPLE ID:	HA01-02	HA02-02	HA02D-02	HA03-02
SUB-SAMPLE ID:	00000	00000	DUP	00000
STATION ID:	HA1	HA2	HA2D	HA3
SAMPLE DATE:	09/07/1993	09/07/1993	09/07/1993	09/07/1993
SAMPLE TIME:				
SAMPLE MATRIX:	SS	SS	SS	SS
UPPER DEPTH:	0.00	0.00	0.00	0.00
LOWER DEPTH:	1.00	1.00	1.00	1.00
1,2,4-TRICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
1,2-DICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
1,3-DICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
1,4-DICHLOROBENZENE UG/KG	370UY	360UY	360UY	360UY
2,4,5-TRICHLOROPHENOL UG/KG	920UY	900UY	900UY	910UY
2,4,6-TRICHLOROPHENOL UG/KG	370UY	360UY	360UY	360UY
2,4-DICHLOROPHENOL UG/KG	370UY	360UY	360UY	360UY
2,4-DIMETHYLPHENOL UG/KG	370UY	360UY	360UY	360UY
2,4-DINITROPHENOL UG/KG	920UY	900UY	900UY	910UY
2,4-DINITROTOLUENE UG/KG	370UY	360UY	360UY	360UY
2,6-DINITROTOLUENE UG/KG	370UY	360UY	360UY	360UY
2-CHLORONAPHTHALENE UG/KG	370UY	360UY	360UY	360UY
2-CHLOROPHENOL UG/KG	370UY	360UY	360UY	360UY
2-METHYLNAPHTHALENE UG/KG	55DYJ	360UY	360UY	56DYJ
2-METHYLPHENOL UG/KG	370UY	60DYJ	360UY	360UY
2-NITROANILINE UG/KG	920UY	900UY	900UY	910UY
2-NITROPHENOL UG/KG	370UY	360UY	360UY	360UY
3,3'-DICHLOROBENZIDINE UG/KG	370UYJ	360UY	360UY	360UYJ
3-NITROANILINE UG/KG	920UY	900UY	900UY	910UY
4,6-DINITRO-2-METHYLPHENOL UG/KG	920UYJ	900UY	900UY	910UY
4-BROMOPHENYL PHENYL ETHER UG/KG	370UYJ	360UY	360UY	360UY
4-CHLORO-3-METHYLPHENOL UG/KG	370UY	360UY	360UY	360UY
4-CHLOROANILINE UG/KG	370UY	360UY	360UY	360UY
4-CHLOROPHENYL PHENYL ETHER UG/KG	370UY	360UY	360UY	360UY
4-METHYLPHENOL UG/KG	800YJ	360UY < 60DYJ	360UY	800YJ
4-NITROANILINE UG/KG	920UY	900UY	900UY	910UY
4-NITROPHENOL UG/KG	920UY	900UY	900UY	910UY
ACENAPHTHENE UG/KG	370UY	360UY	360UY	73DYJ
ACENAPHTHYLENE UG/KG	370UY	360UY	360UY	360UY
ANTHRACENE UG/KG	73DYJ	48DYJ	48DYJ	160DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RADS ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - HAND AUGER SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/14/93
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SAMPLE ID:	HA01-02	HA02-02	HA02D-02	HA03-02
SUB-SAMPLE ID:	00000	00000	DUP	00000
STATION ID:	HA1	HA2	HA2D	HA3
SAMPLE DATE:	09/07/1993	09/07/1993	09/07/1993	09/07/1993
SAMPLE TIME:				
SAMPLE MATRIX:	SS	SS	SS	SS
UPPER DEPTH:	0.00	0.00	0.00	0.00
LOWER DEPTH:	1.00	1.00	1.00	1.00
BENZO(A)ANTHRACENE UG/KG	330DYJ	180DYJ	190DYJ	380DYJ
BENZO(A)PYRENE UG/KG	400DYJ	200DYJ	220DYJ	420DYJ
BENZO(B)FLUORANTHENE UG/KG	7DYJ	260DYJ	270DYJ	620DYJ
BENZO(GHI)PERYLENE UG/KG	390DYJ	150DYJ	160DYJ	380DYJ
BENZO(K)FLUORANTHENE UG/KG	440DYJ	190DYJ	260DYJ	500DYJ
BENZOIC ACID UG/KG	920UY	900UY	900UY	910UY
BENZYL ALCOHOL UG/KG	370UY	360UY	360UY	360UY
BENZYL BUTYL PHTHALATE UG/KG	370UYJ	360UY	360UY	360UYJ
BIS(2-CHLOROETHOXY) METHANE UG/KG	370UY	360UY	360UY	360UY
BIS(2-CHLOROETHYL)ETHER UG/KG	370UY	360UY	360UY	360UY
BIS(2-CHLOROISOPROPYL) ETHER UG/KG	370UY	360UY	360UY	360UY
BIS(2-ETHYLHEXYL)PHTHALATE UG/KG	1500UYJ	1060UY	3300UY	1800UYJ
CHRYSENE UG/KG	460DYJ	260DYJ	260DYJ	520DYJ
D1-N-BUTYL PHTHALATE UG/KG	370UYJ	360UY	360UY	360UY
D1-N-OCTYL PHTHALATE UG/KG	UYR	360UY	360UYJ	360UYJ
DIBENZO(A,H)ANTHRACENE UG/KG	200DYJ	360UY	650DYJ	1050DYJ
DIBENZOFURAN UG/KG	370UY	360UY	360UY	360UY
DIETHYL PHTHALATE UG/KG	370UY	360UY	360UY	360UY
DIMETHYL PHTHALATE UG/KG	370UY	360UY	360UY	360UY
FLUORANTHENE UG/KG	500DYJ	310DYJ	290DYJ	750DY
FLUORENE UG/KG	370UY	360UY	360UY	90DYJ
HEXACHLOROBENZENE UG/KG	370UYJ	360UY	360UY	360UY
HEXACHLOROBUTADIENE UG/KG	370UY	360UY	360UY	360UY
HEXACHLOROCYCLOPENTADIENE UG/KG	370UY	360UY	360UY	360UY
HEXACHLOROETHANE UG/KG	370UY	360UY	360UY	360UY
INDENO(1,2,3-CD)PYRENE UG/KG	320DYJ	140DYJ	150DYJ	340DYJ
ISOPHORONE UG/KG	370UY	360UY	360UY	360UY
N-NITROSODINPROPYLAMINE UG/KG	370UY	360UY	360UY	360UY
N-NITROSODIPHENYLAMINE UG/KG	370UYJ	360UY	360UY	360UY
NAPHTHALENE UG/KG	56DYJ	360UY	360UY	49DYJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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EDMS CHEMICAL OBSERVATIONS MATRIX
 STEPAN MAYWOOD - HAND AUGER SOILS
 ALL OBSERVATIONS
 SAMPLE ANALYSIS: SEMI-VOLATILE ORGANICS

EDMS-001
 12/14/93
 PAGE: 3

SAMPLE ID:	HA01-02	HA02-02	HA02D-02	HA03-02
SUB-SAMPLE ID:	00000	00000	00P	00000
STATION ID:	HA1	HA2	HA2D	HA3
SAMPLE DATE:	09/07/1993	09/07/1993	09/07/1993	09/07/1993
SAMPLE TIME:				
SAMPLE MATRIX:	SS	SS	SS	SS
UPPER DEPTH:	0.00	0.00	0.00	0.00
LOWER DEPTH:	1.00	1.00	1.00	1.00
NITROBENZENE UG/KG	370UY	360UY	360UY	360UY
PENTACHLOROPHENOL UG/KG	920UYJ	900UY	900UY	910UY
PHENANTHRENE UG/KG	3700YJ	1900YJ	1800YJ	750DY
PHENOL UG/KG	370UY	360UY	360UY	360UY
PYRENE UG/KG	6300YJ	320DYJ	360DY	8700YJ

NNN+/-XXABCCDD POSITIONALLY N=VALUE, (+/-XX=ERROR FACTOR FOR RAD5 ONLY), A=DETECTED, B=VALIDATED, C=FLAGS,
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**TOC Results
for Soil Boring
Sample C24(4-6)**

TOC Results for Sample C24(4-6)

CLIENT: CH2M HILL

REPORT DATE: May 28, 1992

SAMPLE ANALYZED: One sample analyzed for
the parameters listed
below.

PROJECT #: 9207-00020

DATE RECEIVED: April 9, 1992

TCT ST. LOUIS ID #: 92002356

P.O. #:

ST. LOUIS ID NUMBER	SITE CODE	TOC (MG/KG)
BLANK	-	< 1.0
92002356	240406 C24(4-6)	2220
92002356 DUP	240406	2023
92002356 MS RCVRV (%)	240406	1150
STD. RCVRV (%)	10 MG/L STD.	900

TCT-ST. LOUIS

Sheet 1 of 2

TOC (Instrumental)

Analyst Sail DayDate 5-12-98Project No. 3216-7211 B

Checked By _____

Date _____

9207-20

Range Setting 40-41

Lab No.	Site Name	Sample Date			Inj.	DIN	Instr. Reading		QC	
			WT (g)	Solids (%)			TOC mg/L		% REC.	% RPD
	1513	5-12-98								
	1486									
	1545									
	1518									
	500 mg/l							500.2		
	1000							992.0		
	2500							2497		
	4000							3893		
1CV	2000		0.2					1872	94.70%	
1CB	2740-02 Blank		0.2					0.657	< 5	
2701	27113 0.2-006	5-1-92	.0117	72.8			623.7	2929	mg/kg	
2702	0.2-007		.0107	86.1			486.5	3112	mg/kg	
2703	0.2-008		.0100	74.1			682.0	3682	mg/kg	ACCEPTED

For Solids: Instrument Reading x (0.040 mL) = mg/kg TOC
 (Sample gm) x (% Solids)

MAY 22 1998

9:00 PM '98

TCT & Lab

TCT-ST. LOUIS

Sheet 2 of 2

TOC (Instrumental)

Analyst Jan DayDate 5-12-92Project No. 3 216-72113

Checked By _____

Date _____

9207-20

Range Setting 4041

Lab No.	Site Name	Sample Date	WT % Solids	Weight Vol (g)	Int.	DIN	Instr. Reading		QC	
							TOC mg/L		% REC.	% RPD
2704*	72113-02-009 (water)	5-1-92	(1 g/1 ml)	(4041)			mg/L 15.56	mg/Kg < 5		
CCV	2000 mg/l	5-12-92					1839	368 mg/kg	92%	
CCD							0.714	< 5 mg/kg		
CCV	2000 mg/l						2085	417 mg/kg	104%	
CCD							0.601	< 5		
2356	240404	5-7-92	85.8%	.0154			734.6	2224 mg/kg		
2356	(6856 mg/kg)			.0136			2943	19088	115%	MS Rec
2556	2459 mg/kg MS Rec			.0125			2830	10,555	112%	MS Rec
2556	Dup			.0164			711.8	2023	142%	MS Rec
CCV	2000 mg/l	5-12-92					1967	393 mg/kg	98%	
CCD							0.021	< 5		
									ACCEPTED	
									MAY 22 1992	

* This water sample was run as a soil here. It was

For Solids: Instrument Reading x (100 mL) = mg/kg TOC
(Sample gm) x (% Solid)

previously run as a water
FORM 1121 + Reported in mg/l

Jan Day

g.u. M. L. L. L.

TCT-St. Louis

STANDARDS SOURCES

ANALYTE (TOC) KHP

	Calibration Standards	ICV/CCV Standards
Source:	<u>Fisher 90-5957</u>	<u>NBS-194</u>
Prep. Date:	<u>5-12-92</u>	<u>5-12-92</u>
Prep. By:	<u><i>Paul Day</i></u>	<u><i>Paul Day</i></u>

Project 3216-721

5-12-92 Sail Day

SELFTEST
NO ERRORS

1 TOC 1513 Instru-
2 TOC 1486 Cal
3 TOC 1545
4 TOC 1518

CAL -- 48 UL
CAL AVE 1515
CAL ADJ 1998

CAL -- 48 UL
CAL ADJ 1998

1 TOC 497.4 Will repeat
1 CANCELLED

TIMEOUT ERROR 50%.

2 TOC 588.2 500 mg/L
3 TOC 992.8 1000 mg/L
4 TOC 2497 2500 mg/L
5 TOC 3632 dripped
6 TOC 39.97 Will R.P.
7 TOC 3893 4000 mg/L
8 TOC 1872 CCV
9 TOC 0.657 CCV
10 TOC 623.7 2701
11 TOC 486.5 2702
12 TOC 682.8 2703
13 TOC 15.56 2704
14 TOC 1839 CCV
15 TOC 0.714 CCV

15 TOC 0.714 CCV

16 TOC 65.94 NA

17 TOC 37.37 NA

18 TOC 2885 CCV

19 TOC 0.881 CCV

20 NA TOC 595.5 2356

21 TOC 734.6 Tipped

22 TOC 2943 2356

23 TOC 2938 2356 MS

24 TOC 3492 2356 MS

2356 sample Nit R-

MS

MS

sample

25 TOC 711.8 2356

26 TOC 2785 Dup
MS NA

27 TOC 2253 NA for

28 TOC 2248 NA 3216

29 TOC 1326 NA

30 TOC 1537 NA

31 TOC 1967 CCV

32 TOC 0.881 CCV

Sail Day 5-12-92

**TOC Results
for Soil Boring
Sample C26(0-6)**

TOC Results
for Sample
C26(0-6)

Twin City Testing
1908 Innerbelt Business Center Dr.
St. Louis, Mo. 63114-5700

Date: April 08, 1992
Project No: 9207-00002

Project: CH2M-HILL -- MJ022948.SW.SP

CH2M-HILL SITE ID:	FA-SB-C26 (0-6)
TCT-ST. LOUIS LAB NO:	92001247
FILE ID #:	260006

TOC(MG/KG)

12440

TCT-ST. LOUIS

Sheet 1 of 2

TOC (Instrumental)

Analyst Karl DayDate 3-20-92Project No. 920708

Checked By _____

Date _____

Range Setting 4042

Lab No.	Site Name	Sample Date			Inj.	% Solids DIN	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
	1506	3-20-92								
	1499	↓								
	1523									
	500 mg/L						533.2			
	4000						3745			
1CV	2000	↓					1933		96.6%	
1CB	Empty Bucket						2.239		<5	
1355	316810		0.0330			89.3	cancelled		(Time out error)	
↓	↓		0.0174			↓	1660		will be slurried error	
↓	↓		0.0150			↓	cancelled		(No error light But ready light was not activated)	
1247	260006		0.0109			88.8	3011	12,443	48/9	
↓	↓		0.0108				cancelled		(Time out error)	
Sample 1355 3-21-92 will have to be slurried to determine Dup & MS										

For Solids: Instrument Reading x (100 mL) = mg/kg TOC
 (Sample gm) x (% Solid)

ACCEPTED

MAR 26 1992

Karl Day TCT-St. Louis

TCT-ST. LOUIS

Sheet 2 of 2

TOC (Instrumental)

Analyst Frank DayDate 3-20-92Project No. 9207-07

Checked By _____

Date _____

Range Setting 40.4

Lab No.	Site Name	Sample Date			Inj.	% Solids	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
Blank	DI water	3-20-92	-	-		-	19.58	19.6 2.070	mg/L	
1355	310-210 (slurry)	3-17-92	1.0206g	20 ml	40.4	89.3	80.30	176.2	49/g	
	Dup	1					89.90	192.3	49/g	112%
	sample Tipped - 11/11/11									
	21744 49/g ALS	1					10.32	22647	49/g	95%
CCU	2000 mg/L	3-20-92	-	-		-	2001	2001	100%	
CCB	Empty Boat	1	-	-		-	5.150	<5		
<div>ACCEPTED</div> <div>MAR 26 1992</div> <div>9/12/92</div>										

For Solids: Instrument Reading x (1.040 mL) = mg/kg TOC
(Sample gm) x (% Solid)

SELF TEST
NO ERRORS
Project 9207-24
Fail Day 3.26

NO CAL -- 48 UL
1 TOC 1586

2 TOC 1499

3 TOC 1523

(CAL -- 48 UL

CAL AVE 1589

CAL ADJ 1998

1 TOC 533.2 300-

2 TOC 3745 400-

3 TOC 1933 200-

4 TOC 2.239 Empty

5 TOC 3417 13 55

5 CANCELLED

TIMEOUT ERROR< 18%

6 TOC 1660

7 TOC 1287

7 CANCELLED

TIMEOUT ERROR< 18%

8 TOC 3011 12

9 TOC 3081

9 CANCELLED 12 47

TIMEOUT ERROR< 100%

10 TOC 37.23 Burn

11 TOC 19.58 0.5 B1

12 TOC 80.32 7355

13 TOC 89.98 5100

14 TOC 485.3 1000

15 TOC 1032 1000

16 TOC 2001 1000

17 TOC 5.150 1000

**TOC Results
for Soil Boring
Sample C31(8-10)**

TOC RESULTS
for Sample
C31(8-10)

TCT ST. LOUIS
1908 INNERBELT BUSINESS CENTER DRIVE
ST. LOUIS, MO 63114

DATE OF REPORT: 04/13/92

9207-00009

CH2MHILL SAMPLE ID: 310810
TCT SAMPLE NO.: 92001355
DATE SAMPLED: 02/26/92

TOC RESULTS (UG/G): 1760
Duplicate results: 1973 %rpd = 11
Matrix spike results: 22600 %recovery = 95

Percent Solids: 80.3

TCT-ST. LOUIS

Sheet 1 of 2

TOC (Instrumental)

Analyst Kail DayDate 3-20-92Project No. 920709

Checked By _____

Date _____

Range Setting 40.4 L

Lab No.	Site Name	Sample Date			Inj.	% Solids DIN	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
	1506	3-20-92								
	1499	↓								
	1523									
	500 mg/l						533.2			
	4000						3745			
1CV	2000 ↓						1933		96.6%	
1CB	empty Boat	↓					2.239		< 5	
1355	310810		0.0330			89.3	cancelled		(Time out error)	
↓	↓		0.0174			↓	1660		will be slurried & rerun (No Error light But ready)	
↓	↓		0.0150			↓	Cancelled		(Light was not activated)	
1247	260006		0.0109			88.8	3011 12443		42/g	
↓	↓		0.0108				cancelled		(Time out error)	
sample 1355 ³⁻²¹⁻⁹² will have to be slurried to determine Dup & MS										

For Solids: Instrument Reading x (0.040 mL) = mg/kg TOC
 (Sample gm) x (% Solid)

ACCEPTED

MAR 26 1992

K. M. Meade

TCT-St. Louis

TCT-ST. LOUIS

Sheet 2 of 2

TOC (Instrumental)

Analyst Paul DayDate 3-20-92Project No. 9207-07

Checked By _____

Date _____

Range Setting 40.4

Lab No.	Site Name	Sample Date			Inj.	% Solids DIN	Instr. Reading		QC	
			WT	Vol			TOC mg/L		% REC.	% RPD
Blank	D1 water	3-20-92	-	-		-	19.58	19.6 mg/L 20.0		
1355	310810 (slurry)	3-19-92	1.0206g	20 ml	40.4	89.3	80.30	176.2	49%	
	Dup	1					82.90	197.3	49%	11.2%
	sample tipped - if will be prepared						-	-		
	21444 mg/kg MS	1					103.2	22647	49%	95%
CCU	2000 mg/L	3-20-92	-	-		-	200.1	200.1	100%	
CCB	Empty Buret	1	-	-		-	5.150	<5		
									ACCEPTED	
									MAR 26 1992	
									9/10 99.9%	

For Solids: Instrument Reading x (.040 mL) = mg/kg TOC
(Sample gm) x (% Solid)

SELF TEST
NO ERRORS
Project 9207-09
Sail Day 3-20-

NO CAL -- 40 UL
1 TOC 1506

2 TOC 1499

3 TOC 1523

(CAL -- 40 UL
CAL AVE 1509
CAL ADJ 1998

1 TOC 533.2 500-

2 TOC 3745 4000-

3 TOC 1933 2000-

4 TOC 2.239 Empty C

5 TOC 3417 13 55

5 CANCELLED

TIMEOUT ERROR 10%

6 TOC 1660

7 TOC 1287

7 CANCELLED

TIMEOUT ERROR 10%

8 TOC 3011 1247

9 TOC 3081

9 CANCELLED 1247

TIMEOUT ERROR 100%

10 TOC 37.23 Burr
Burr

11 TOC 19.58 DI Blow

12 TOC 80.32 7355
Slurry

13 TOC 89.98 Dup

14 TOC 485.3 spilled

15 TOC 1032 M S

16 TOC 2001 CLO

17 TOC 5.150 CLB

**Geotechnical
Results for
Soil Boring
Sample C26(0-6)**

Geotech Results
for Sample
C26(0-6)

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dr.
St. Louis, Mo. 63114-5700
Attn: Paul Smith

DATE: MARCH 11, 1992

PROJECT NO: 4122 02-0055

COPIES TO:

PROJECT: CH2M - HILL PROJECT

CH2M-HILL SITE ID: FA-SB-C26 (0-6)
TCT-ST. LOUIS LAB NO: 92001247
FILE ID #: 260006

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	97
#4	93
#10	88
#40	73
#100	43
#200	29
0.01 mm	11
0.005	8.0
0.0013	5.2

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 13.7%

REMARKS:

This sample was received on February 28, 1992.



twin city testing
corporation

662 CROMWELL AVENUE
ST. PAUL, MN 55114
PHONE 612/645-3601

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dr
St. Louis, MO 63114-5700
Attn: Paul Smith

DATE: March 11, 1992

PROJECT NO: 4122 02-0055

PROJECT: CH2M - HILL PROJECT

COPIES TO:

SAMPLE IDENTIFICATION:

FA-SB-C26 (0-6)

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	97
#4	93
#10	88
#40	73
#100	43
#200	29
0.01 mm	11
0.005	8.0
0.0013	5.2

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT:

13.7%

REMARKS:

This sample was received on February 28, 1992.

Dec 7 1992

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dv
St. Louis, MO 63114-5700
Attn: Paul Smith

DATE: March 11, 1992

PROJECT NO: 4122 02-0055

COPIES TO:

PROJECT: CH2M - HILL PROJECT

SAMPLE IDENTIFICATION: FA-SB-C26 (0-6)

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	97
#4	93
#10	88
#40	73
#100	43
#200	29
0.01 mm	11
0.005	8.0
0.0013	5.2

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 13.7%

REMARKS: This sample was received on February 28, 1992.

Paul Smith

Sample No. FA-SB-C26(0-6)



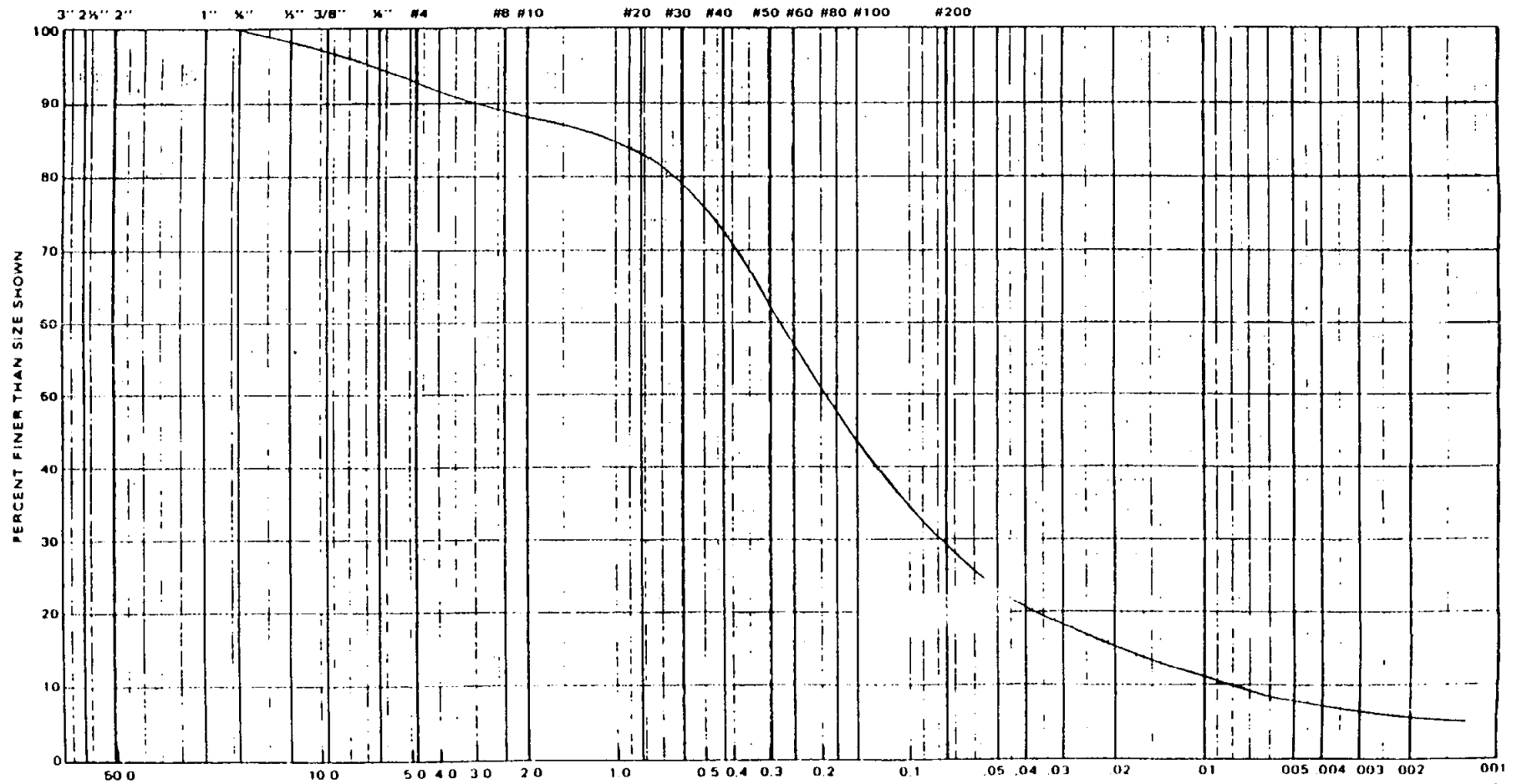
twin city testing
corporation

Project: CHM - HILL PROJECT

Reported To: TCT-St. Louis, MO

GRAIN SIZE DISTRIBUTION CURVE

U.S. STANDARD SIEVE SIZES



GRAVEL

PARTICLE SIZE IN MILLIMETERS

FINES

[illegible]

Pan No.	2
Wt. of Pan	7.96
Wt. Pan & Wet Soil	230.08
Wt. Pan & Dry Soil	203.29
Moisture Loss	26.79
Wt. Dry Soil	195.33
% Moisture	13.7

[illegible]

Blows (N)	25	22
Pan No.	5L	ZB
Wt. Pan	2.60	2.60
Wt. Pan & Wet Soil	22.39	21.15
Wt. Pan & Dry Soil	19.57	18.39
Moisture Loss	2.82	2.76
Wt. Dry Soil	16.97	15.79
% Moisture	16.6	17.5
Corrected LL	17	17.2

Pan No.	K 27					AO			
Wt. Pan	1.44					1.42			
Wt. Pan & Wet Soil						10.39			
Wt. Pan & Dry Soil						9.23			
Moisture Loss						1.16			
Wt. Dry Soil						7.81			
% Moisture						14.9			

L.L. 2.3

SPECIFIC GRAVITY TESTS

Job No. 4122 02-0055 Project Eng _____ Table No. _____ Technician _____ Date _____ Time _____

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF @ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW @ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No.	FA SB C-26	DS SB C-31				
Pycnometer No.	#43	#46				
WT. Pyc. (including CAP)						
Wt. Pyc. + Oven Dry Soil						
Wt. Oven Dry Soil (Wo)	72.87	52.41				
Wt. Pyc + H ₂ O @ 20° C (Wa)	343.03	343.03				
Wt. Pyc + H ₂ O + Soil @Tx(Wb)	388.80	376.05				
Temperature (Tx)	20°					
Correction Factor K	2.69	2.70				

Tx DEG. C	Relative H ₂ O Density	Corr., Factor K
18	0.998624	1.0004
19	0.998435	1.0002
20	0.998234	1.0000
21	0.9980233	0.9998
22	0.997802	0.9996
23	0.997577	0.9993
24	0.997329	0.9991
25	0.997077	0.9989
26	0.996816	0.9986
27	0.996545	0.9983
28	0.99626	0.9980
29	0.99598	0.9977
30	0.995678	0.9974

Pan # 46

1.99

$$G @ 20^{\circ}C = \frac{W}{W + (W_b - W_s)}$$

SL-3 (10-A)

=====

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 17

Date: 3/06/92
 Project No.: 4122 02-0055
 Project: CH 2 M-Hill

Sample Data

Location of Sample: FA-SB-C26(0-6)
 Sample Description: SILTY SAND W/GRAVEL, FINE GRAINED
 USCS Class: SM Liquid limit:
 AASHTO Class: Plasticity index:

Notes

Remarks: SAMPLE NO.: 0131501C DEPTH (ft): 0 - 6
 TYPE OF SAMPLE: BULK
 Fig. No.:

Mechanical Analysis Data

Sieve	Size, mm	Percent finer
0.75 inches	19.05	100.0
0.375 inches	9.53	97.0
# 4	4.760	93.3
# 10	2.000	88.5
# 20	0.840	83.1
# 40	0.420	73.1
# 60	0.250	57.8
# 100	0.149	42.7
# 200	0.074	28.9

Hydrometer Analysis Data

Size, mm	Percent finer
0.0328	19.0
0.0210	15.9
0.0122	12.9
0.0088	9.8
0.0062	8.3
0.0031	6.7
0.0013	5.2

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 6.7 % SAND = 64.4
 % SILT = 21.1 % CLAY = 7.8

D85= 1.07 D60= 0.268 D50= 0.194
 D30= 0.0790 D15= 0.01728 D10= 0.00896
 Cc = 2.6002 Cu = 29.8538

Sample No. FA-SB-C26(0-6)



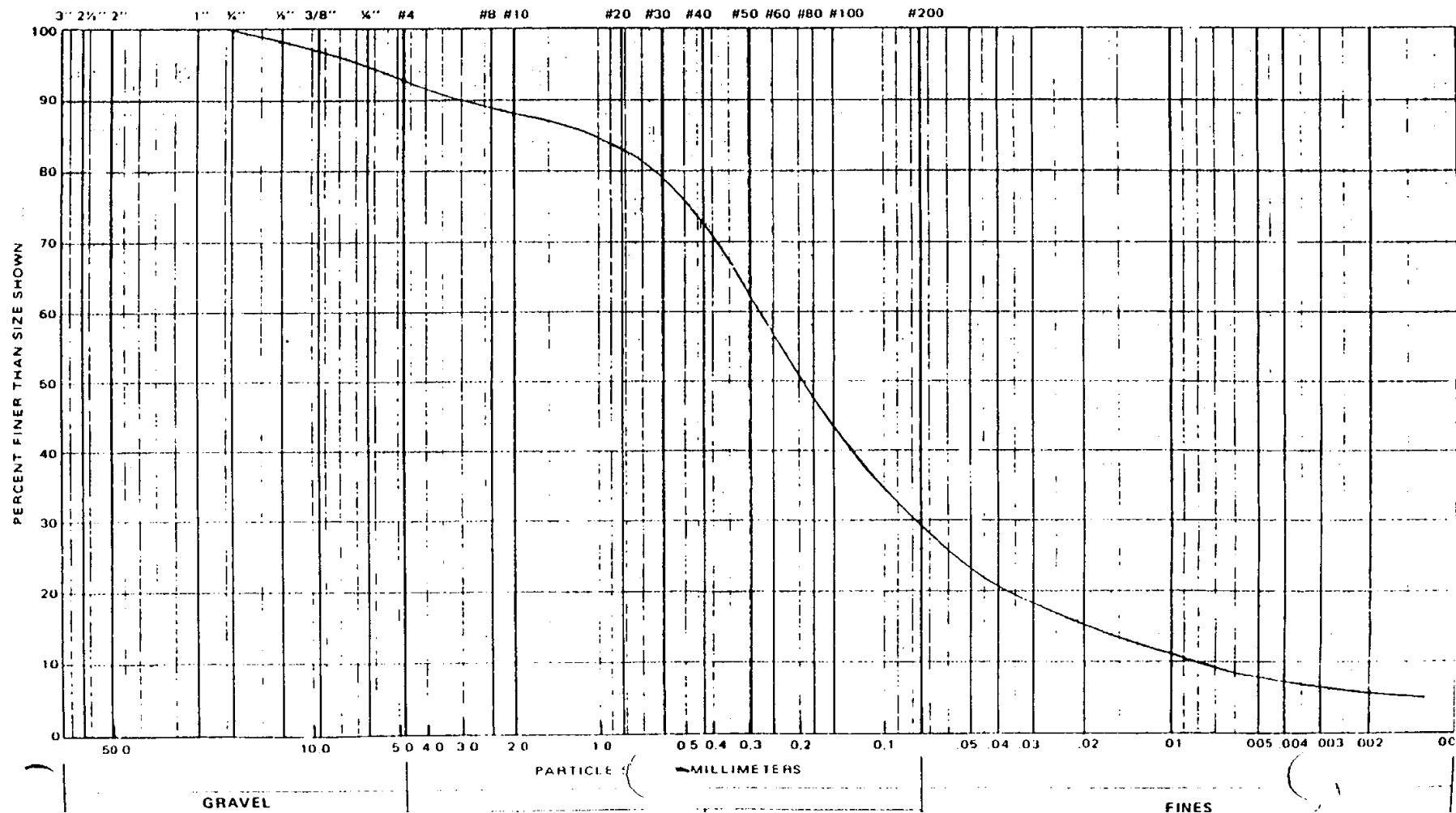
twin city testing
corporation

Project: CHM - HILL PROJECT

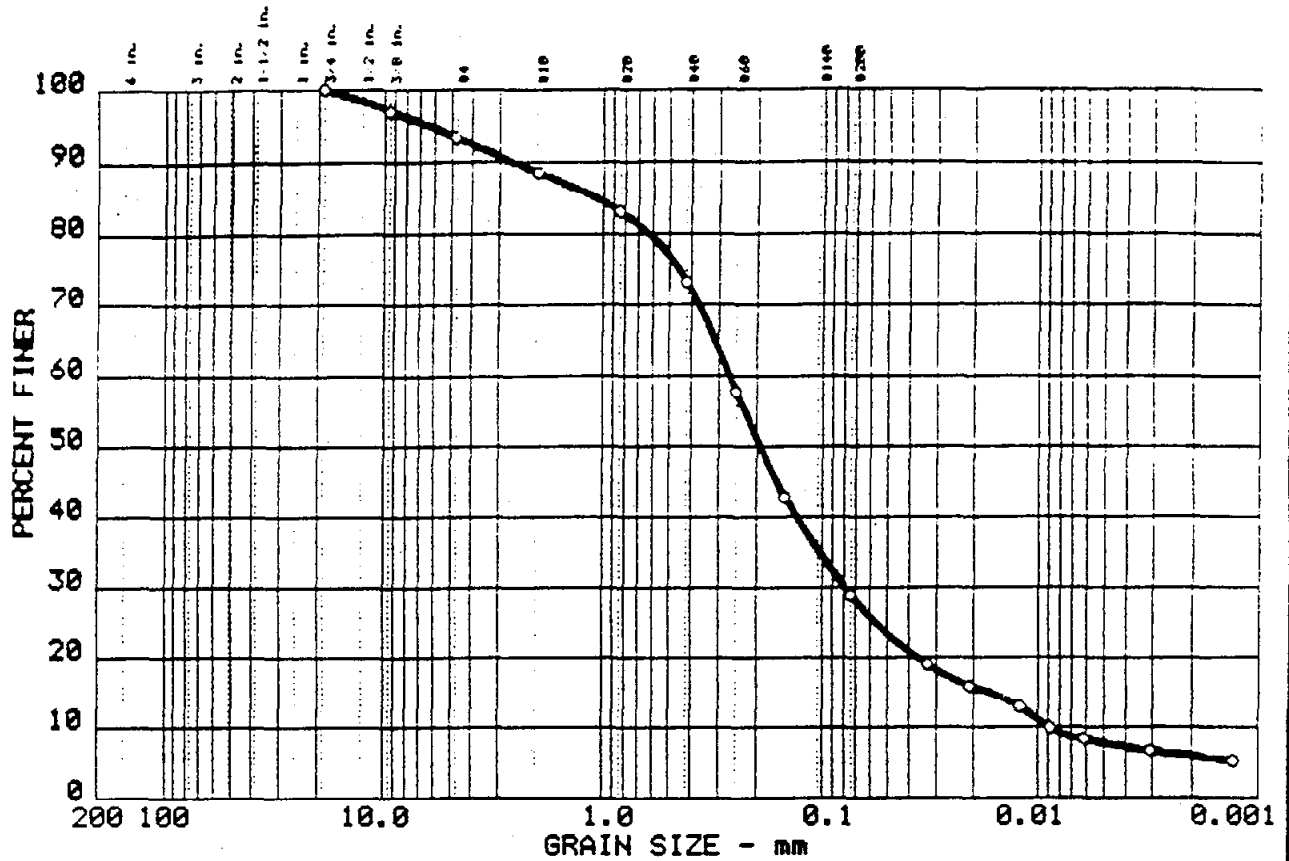
Reported To: TCT-St. Louis, MO

GRAIN SIZE DISTRIBUTION CURVE

U.S. STANDARD SIEVE SIZES



GRAIN SIZE DISTRIBUTION TEST REPORT



Test	%+75	% GRAVEL	% SAND	% SILT	% CLAY
17	0.0	6.7	64.4	21.1	7.8

LL	PI	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
		1.07	0.27	0.19	0.079	0.0173	0.0090	2.60	29.9

MATERIAL DESCRIPTION	USCS	AASHTO
SILTY SAND W/ GRAVEL, FINE GRAINED	SM	

Project No.: 4122 02-0055 Project: CH 2 M-Hill Location: FA-SB-C26(0-6) Date: 3/06/92	Remarks: SAMPLE NO.: 0131501C DEPTH (ft): 0 - 6 TYPE OF SAMPLE: BULK
GRAIN SIZE DISTRIBUTION TEST REPORT TWIN CITY TESTING CORPORATION	
Figure No.	

Location _____
 Boring No. FA SB - C26 sample No. 0131501C Depth 0-6'

Test	Orim MC	Hvd MC
Sample No.		
Pan No.	<u>2</u>	<u>43</u>
Wt. Pan	<u>7.96</u>	<u>1.99</u>
Wt. Pan & Wet Soil	<u>230.08</u>	<u>75.22</u>
Wt. Pan & Dry Soil	<u>203.29</u>	<u>74.82</u>
Moisture Loss	<u>26.79</u>	<u>0.40</u>
Wt. Dry Soil	<u>195.33</u>	<u>72.83</u>
Percent Moisture	<u>13.7</u>	<u>0.55</u>

SIEVE SIZES	WEIGHT (GRAMS)	PER CENT OF		% FINE TOTAL
		# 10	TOTAL	
RET. ON 1 1/2"				
1 1/2" - 1"				
1" - 3/4"				100.0
3/4" - 3/8"	<u>36.91</u>			97.0
3/8" - #4	<u>45.60</u>			93.3
#4 - #10	<u>57.67</u>			88.5
AFTER WASH	<u>39.22</u>			
#10 - #20	<u>3.54</u>	<u>6.18</u>		83.1
#20 - #40	<u>6.48</u>	<u>11.31</u>		73.1
#40 - #60	<u>9.86</u>	<u>17.21</u>		57.8
#60 - #100	<u>9.79</u>	<u>17.09</u>		42.7
#100 - #200	<u>8.90</u>	<u>15.53</u>		28.9
PASSING #200	<u>0.65</u>	<u>32.68</u>		

Hydrometer No. _____ Thermometer No. _____

Wt. Total Sample (air dry) 1230.22
 Wt. Total Sample (oven dry) 1224.27
 Wt. Passing #10 (air dry) 1090.04
 Wt. Passing #10 (oven dry) 1084.09
 Wt. Soil for Hyd Test (air dry) 57.60
 Wt. Soil for Hyd Test (oven dry) 57.29

Time Soaked 3/4 11:50

Time Stirred 3/5 1 min

IN 125 ml OF SODIUM HEXAMETA PHOSPHATE
MIXTURE

Remarks:

CYL# A JAR# A PAN# _____

(~~Wt~~) Gs = 2.69 σ = 0.9911

Date	Time	Interval Minutes (T)	Temp (T) °C	Hyd Reading	Temp Corr.	Corr. Hvd. Rdg.	L (Chart C)	K (Chart B)	D=K $\sqrt{\frac{L}{T}}$	Per Cent Fin. - #10	Total
<u>3/5</u>	<u>11:02</u>	<u>2</u>	<u>26</u>	<u>16</u>	<u>-3.6</u>	<u>12.4</u>	<u>13.7</u>	<u>0.01253</u>	<u>0.0328</u>		<u>19.</u>
	<u>11:05</u>	<u>5</u>	<u>26</u>	<u>14</u>	<u>-3.6</u>	<u>10.4</u>	<u>14.0</u>		<u>0.0210</u>		<u>15.</u>
	<u>11:15</u>	<u>15</u>	<u>26</u>	<u>12</u>	<u>-3.6</u>	<u>8.4</u>	<u>14.3</u>		<u>0.0122</u>		<u>12.</u>
	<u>11:30</u>	<u>30</u>	<u>26</u>	<u>10</u>	<u>-3.6</u>	<u>6.4</u>	<u>14.7</u>		<u>0.0088</u>		<u>9.</u>
	<u>12:00</u>	<u>60</u>	<u>26</u>	<u>9</u>	<u>-3.6</u>	<u>5.4</u>	<u>14.8</u>		<u>0.0062</u>		<u>8.</u>
	<u>15:10</u>	<u>250</u>	<u>26</u>	<u>8</u>	<u>-3.6</u>	<u>4.4</u>	<u>15.0</u>		<u>0.0031</u>		<u>6.</u>
<u>3/6</u>	<u>11:00</u>	<u>1:40</u>	<u>26</u>	<u>7</u>	<u>-3.6</u>	<u>3.4</u>	<u>15.2</u>	<u>0.01253</u>	<u>0.0013</u>		<u>5.</u>

Classification _____



TWIN CITY TESTING
CORPORATION

TESTS OF SOIL

PROJECT : CH2M-Hill Project DATE: _____
REPORTED TO: Twin City Testing FURNISHED BY: _____
Seamus Mc COPIES TO: _____
Attn: Paul Smith

LABORATORY NO: _____

SAMPLE IDENTIFICATION

FA-SB-C26 (G-0)

MECHANICAL ANALYSIS (See attached curve)

Passing	3/4	100%
	3/8	91
	# 6	83
	# 10	76
	# 20	73
	# 40	43
	# 60	29
	# 100	11
	# 200	80
	# 425	52

ATTERBERG LIMITS

Liquid Limit	17	11
Plastic Limit	15	2
Plasticity Index	2	

MOISTURE CONTENT

13.7 %

REMARKS: Test sample was received on Feb 28, 1992

Traffic Report & Chain of Custody Record

Page 1 of 2

Project Number NJO 22948 F H S L		Project Name STEPAN COMPANY		Date Shipped 2-24-92	Carrier Fed X
Client Name STEPAN COMPANY				Airbill Number 9902904535	
Project Manager Mary Manto		Copy to:		Ship To: TCT- St. Louis 1908 Innerbelt Bus. Center St. Louis, MO 63114	
Requested Comp. Date Routine					
Sampler (Name): L. Gavin					

CH2M HILL

Box No. 1	Box No. 2
Preservation	Sample Description
1 HCl	1 Surface Water
2 HNO3	2 Ground Water
3 NaOH	3 Rinse
4 H2SO4	4 Soil/Sediment
5 Ice only	5 Oil
6 Other (Specify)	6 Waste
7 Not preserved	7 Other (Specify)

Station Number	Enter from Box 2	Conc. Low Med High	Sample Type: Comp / Grab	Preservative from Box 1	Analysis Requested												Date	Time	Remarks
					TCL-VOA	TCL-BNA	TCL-PEST	TCL-PCB	Carb. alum. grab	TCLP	PC/CN	Raduc	TOC	GEOTECH	TAL metals	8 Metals			
FA-SB C34A (1-3)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	1100	
FA-SB C34B (1-3)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	1100	
FH-SB C34A (1-5)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	1110	
FH-SB C34B (1-5)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	1120	
FA-SB C34A (1-5)	4	L	G	N	X	X	X	X	X	X	X				X	X	2-24-92	0905 to 0930	
FH-SB C34B (1-5)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	1120	Per L. Gavin 2-25-92
FA-SB C34A (1-5)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	0905	
FA-SB C34B (1-5)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	0910	
FA-SB C34A (1-5)	4	L	G	N	X	X	X	X	X	X	X				X		2-24-92	0920	

Chain of Custody Record

Relinquished by: (Signature) L. Gavin	Date/Time 2-24-92 1900	Received by: (Signature) Fed X	Relinquished by: (Signature)	Date/Time 2/25/92 800	Received by: (Signature) J. H. Kelly
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received (Signature)

SAMPLE TRACKING FORM

Sample # FA-SB-C26(0-6') Project # NJO22948.FA SL Station # C26(0-6')
 Sample Matrix Soil Sample Type Composite Field VOC Reading 7-10 ppb
 Date Sampled 2-24-92 Time Sampled 0905 to 0930 Field Rad Reading L = 0.2
 Logbook 2 Page # 64-66 Bd = 27-30

Name of Sampler L. Gavin

Sample Description Field Sample

FSL Results:

Gross Alpha pCi/L 8.4 to 14.7 pCi/g

Gross Beta/Gamma pCi/L 1.2 to 2.1 pCi/g

ARE THESE RESULTS ABOVE MGM LIMITS? YES

Liquid Limits - Alpha = 30 pCi/L, Beta = 500 pCi/L

Solid Limits - Alpha = 15 pCi/g, Beta = 50 pCi/g

Analytical Fraction	Number of Containers	SDG #	Lab QC Sample	Container Lot #	LAB	Date Shipped	Airbill #	Requester Turn-around
FSL RAD SCREEN								
TCL VOC								
TCL BNA								
TCL PEST/PCB								
TAL METALS/CN								
d-LIMONENE, CAFFINE, α - PINENE								
RADIONUCLIDES								
TOC	1	2355-7		013160C				
GEOTECH	Grainsize to Marston Limits	↓		013501C				

THE SHADED AREA SHOULD BE FILLED OUT BY THE SAMPLE MANAGER. THE FIELD SAMPLING CREW SHOULD FILL OUT THE REMAINDER OF THE FORM PRIOR TO SAMPLE DELIVERY TO THE SAMPLE MANAGER.

**Geotechnical
Results for
Soil Boring
Sample C24(4-6)**

GEOTECH RESULTS
for Sample
C24(4-6)

REPORTED TO: Twin City Testing
1908 Innerbelt Business Center Dr.
St. Louis, Mo. 63114-5700
Attn: Paul Smith

DATE: MAY 28, 1992

PROJECT NUMBER: NJ022948.SW.SP

PROJECT: CH2M - HILL PROJECT

SAMPLE IDENTIFICATION: SR-SB-C24 (4-6)
TCT STL NO.- 92002356

MECHANICAL ANALYSIS: (See Attached Curve)

Passing #10"	100%
#20	98.6
#40	93.6
#60	86.2
#100	79.8
#200	71.0
0.0303 mm	44.5
0.0200	34.9
0.0122	22.0
0.0089	12.5
0.0064	9.3
0.0032	4.5
0.0013	2.9

ATTERBERG LIMITS:

Liquid Limit	20
Plasticity Index	1

MOISTURE CONTENT: 15.4%

REMARKS:

Fractional components: Sand 29.0%, Silt 63.3%, Clay 7.7%

=====

GRAIN SIZE DISTRIBUTION TEST DATA

Test No. 0

Date: 04/20/92
 Project No.: 4122 02-0072
 Project: CH2M -Hill

=====

Sample Data

Location of Sample: SR-SB-C24
 Sample Description: SANDY SILT
 USCS Class: ML Liquid limit: 20
 AASHTO Class: A-4 Plasticity index: 1

Notes

Remarks: Depth: 4-6 ft.

Fig. No.:

Mechanical Analysis Data

Sieve	Size, mm	Percent finer
# 10	2.000	100.0
# 20	0.840	98.6
# 40	0.420	93.6
# 60	0.250	86.2
# 100	0.149	79.8
# 200	0.074	71.0

Hydrometer Analysis Data

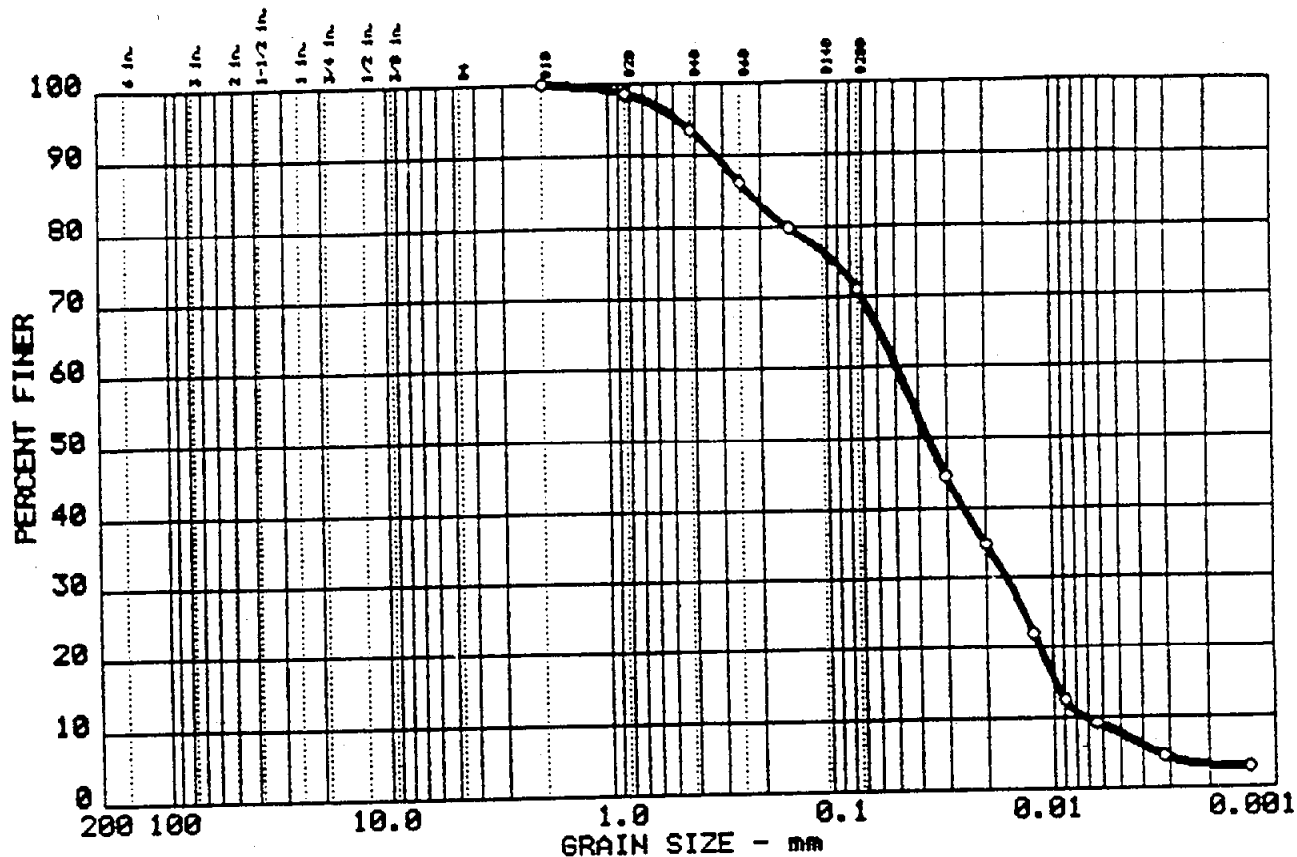
Size, mm	Percent finer
0.0303	44.5
0.0200	34.9
0.0122	22.0
0.0089	12.5
0.0064	9.3
0.0032	4.5
0.0013	2.9

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 29.0
 % SILT = 63.3 % CLAY = 7.7

D85= 0.23 D60= 0.050 D50= 0.037
 D30= 0.0161 D15= 0.00982 D10= 0.00719
 Cc = 0.7295 Cu = 6.8865

GRAIN SIZE DISTRIBUTION TEST REPORT



Test	%+75	% GRAVEL	% SAND	% SILT	% CLAY
12	0.0	0.0	29.8	63.3	7.7

LL	PI	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
20	1	0.23		0.04	0.016	0.0098	0.0072	0.73	6.9

MATERIAL DESCRIPTION	USCS	AASHTO
SANDY SILT	ML	A-4

Project No.: 4122 02-0072
 Project: CH2M -Hill
 Location: SR-SB-C24

Date: 04/20/92

GRAIN SIZE DISTRIBUTION TEST REPORT
 TWIN CITY TESTING CORPORATION

Remarks:
 Depth: 4-6 ft.

Figure No.

4122

HYDROMETER ANALYSIS

 JS NO. 02-0072 PROJECT ENG. D.V. TABLE NO. _____ TECHNICIAN HR DATE 4/16/92 TIME _____

 Project: CH2M-Hill Location: SR-SB-C24 Depth: 4-6

Test	Orim MC	Hvd MC
Sample No.		
Pan No.	<u>48</u>	<u>45</u>
Wt. Pan	<u>2.00</u>	<u>1.96</u>
Wt. Pan & Wet Soil	<u>63.80</u>	<u>61.92</u>
Wt. Pan & Dry Soil	<u>55.53</u>	<u>60.44</u>
Moisture Loss	<u>8.27</u>	<u>1.48</u>
Wt. Dry Soil	<u>53.53</u>	<u>58.48</u>
Percent Moisture	<u>15.4</u>	<u>2.5</u>

SIEVE SIZES	WEIGHT (GRAMS)	PER CENT OF		% Finer Total
		# 10	TOTAL	
RET. ON 1 1/2"				
1 1/2" - 1"				
1" - 3/4"				
3/4" - 3/8"				
3/8" - #4				
#4 - #10				100.0
AFTER WASH	<u>18.30</u>			
#10 - #20	<u>0.88</u>			98.0
#20 - #40	<u>3.12</u>			93.0
#40 - #60	<u>4.57</u>			86.0
#60 - #100	<u>4.04</u>			79.0
#100 - #200	<u>5.46</u>			71.0
PASSING #200	<u>0.23</u>			

Hydrometer No. _____ Thermometer No. _____

 Wt. Total Sample (air dry)
 Wt. Total Sample (oven dry)
 Wt. Passing #10 (air dry)
 Wt. Passing #10 (oven dry)
 Wt. Soil for Hyd Test (air dry)
 Wt. Soil for Hyd Test (oven dry)
 Time Soaked 4/17/92 11:30
479.94
468.09
479.94
468.09
63.79
62.22

 Remarks: L.L. = 20.0 P.I. = 1
 P.L. = 19.0

 CYL = A JAR = A PAN = _____

 Time Started 4/20/92

 35ml of Sodium Hexametaphosphate
 Mixture

 (EST.) $G_s = 0.9955$ $\gamma = 2.67$

O Date	Time	Interval (T) Minutes	Temp (T) °C	Hyd Reading	Temp Corr.	Corr. Hyd. Rdg.	L (Chart C)	K (Chart B)	$D = K \sqrt{\frac{1}{T}}$	Per Cent F	#10	To
4/20	10:02	2	24	32	4.2	27.8	11.0	0.01294	0.0303	44.5	44.5	44.5
	10:05	3	24	26		21.8	12.0		0.0200	34.9	34.9	34.9
	10:15	10	24	18		13.8	13.3		0.0122	22.0	22.0	22.0
	10:30	15	24	12		7.8	14.3		0.0089	12.5	12.5	12.5
	11:00	30	24	10		5.8	14.7		0.0064	9.3	9.3	9.3
	11:10	35	24	7		2.8	15.1		0.0032	4.5	4.5	4.5
4/21	10:00	1440	24	6	4.2	1.8	15.3	0.01294	0.0013	2.9	2.9	2.9

 Classification Sandy Silt

Geotech Results
for Sample
C31(8-10)

REPORTED TO: Twin City Testing Corporation
1908 Innerbelt Business Center Dv
St. Louis, MO 63114-5700
Attn: Paul Smith

DATE: March 11, 1992

PROJECT NO: 4122 02-0055

COPIES TO:

PROJECT: CH2M - HILL PROJECT

SAMPLE IDENTIFICATION: DS-SB-C31 (8-10)

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	94
#4	87
#10	81
#40	68
#100	50
#200	38
0.01 mm	15
0.005	11
0.0013	6.8

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 11.5%

REMARKS: This sample was received on March 3, 1992.

Donna F. King



twin city testing
corporation

662 CROMWELL AVENUE
ST. PAUL, MN 55114
PHONE 612/645-3601

REPORTED TO: Twin City Testing Corporation
1908 Innerbelt Business Center Dv
St. Louis, MO 63114-5700
Attn: Paul Smith

DATE: March 11, 1992

PROJECT NO: 4122 02-0055

COPIES TO:

PROJECT: CH2M - HILL PROJECT

SAMPLE IDENTIFICATION: DS-SB-C31 (8-10)

MECHANICAL ANALYSIS: (See Attached Curve)

Passing 3/4"	100%
3/8"	94
#4	87
#10	81
#40	68
#100	50
#200	38
0.01 mm	15
0.005	11
0.0013	6.8

ATTERBERG LIMITS:

Liquid Limit	17
Plastic Limit	15
Plasticity Index	2

MOISTURE CONTENT: 11.5%

REMARKS: This sample was received on March 3, 1992.

James A. King

MOISTURE-DENSITY-ATTERBERG LIMIT TESTS

Job No. 02-0072 Date 4/20/92 Project Eng. D. V. Tech. HR Time _____

[illegible]

MOISTURE CONTENT (%)

[illegible]

DRY DENSITY (PCF)

[illegible]

LIQUID LIMIT (%)

[illegible]

PLASTIC LIMIT (%)

Pan No.	A0								
Vt. Pan	1.43								
Vt. Pan & Wet Soil	17.36								
Vt. Pan & Dry Soil	14.82								
Moisture Loss	2.54								
Vt. Dry Soil	13.39								
% Moisture	19.0								

FOR HYDROMETER USING -- 40 Grams/1000 Liters

Wt. soil for Hydr. test (oven dry) : 62.22
 Specific Gravity for Hydr. test : 2.67
 a 0.9955

Retained on #10 sieve (% Total) : 100.00

Pass. # 200 70.97

Time	Temp C	Hyd Rdg	Temp cor.	Corr. Rdg.	L	K	D	% Finer -#10	Total
2	24.0	32.0	-4.20	27.80	11.0	0.01294	0.0303	44.48	44.48
5	24.0	26.0	-4.20	21.80	12.0	0.01294	0.0200	34.88	34.88
15	24.0	18.0	-4.20	13.80	13.3	0.01294	0.0122	22.08	22.08
30	24.0	12.0	-4.20	7.80	14.3	0.01294	0.0089	12.48	12.48
60	24.0	10.0	-4.20	5.80	14.7	0.01294	0.0064	9.28	9.28
240	24.0	7.0	-4.20	2.80	15.1	0.01294	0.0032	4.48	4.48
1440	24.0	6.0	-4.20	1.80	15.3	0.01294	0.0013	2.88	2.88

Total Sample (oven dry): 468.09
 Passing #10 (oven dry): 468.09
 Soil for Hyd. Test (oven dry): 62.22

Page 1

Sieve Size	Wt. Grams	- #10	% Total	% Finer
1"	0.00	XXXXXX	0.00	100.00
3/4"	0.00	XXXXXX	0.00	100.00
3/8"	0.00	XXXXXX	0.00	100.00
#4	0.00	XXXXXX	0.00	100.00
#10	0.00	XXXXXX	0.00	100.00
After Wash	18.30	XXXXXX	XXXXXX	XXXXXX
#20	0.88	1.41	1.41	98.59
#40	3.12	5.01	5.01	93.58
#60	4.57	7.34	7.34	86.24
#100	4.04	6.49	6.49	79.75
#200	5.46	8.78	8.78	70.97
Pass. #200	0.23	70.96	70.96	XXXXXX

Traffic Report & Chain of Custody Record

P. 3 of 4

Project Number NJO 22948. <u>SR SL</u>	Project Name STEPAN COMPANY	Date Shipped 4-8-92	Carrier Fed x
Client Name STEPAN COMPANY		Airbill Number 8969272303	
Project Manager Mary Manto	Copy to:	Ship To: TCT St. Louis	
Requested Comp. Date Routine			
Sampler (Name): L. Gavin			

CHAIN OF CUSTODY

Box No. 1	Box No. 2
Preservation	Sample Description
1 HCl 2 HNO3 3 NaOH 4 H2SO4 5 Ice only 6 Other (Specify) N. Not preserved	1. Surface Water 2. Ground Water 3. Rinsate 4. Soil/Sediment 5. Oil 6. Waste 7. Other (Specify)

Station Number	Enter from Box 2	Conc Low Med High	Sample Type: Corrup / Grab	Preservative from Box 1	Analysis Requested												Date	Time	Remarks
					TCL-VOA	TCL-BNA	TCL-PEST	TCL-PCB	Conc. dlm. in phone	TCLP	Fe/CN	Radnuc	TOC	GEOTECH	Other				
SR-SB-C19 (a-2)	4	L	G	N	x	x	x	x	x		x				x		4-8-92	1320	
SR-SB-C6 (a-2)	4	L	G	N	x	x	x	x	x		x				x		4-8-92	1155	
SR-SB-C2 (a-4)	4	L	G	N	x	x	x	x	x		x				x		4-8-92	1100	
SR-SB-C2 (a-2)	4	L	G	N	x	x	x	x	x		x				x		4-8-92	1020	
SR-SB-C37 (a-4)	4	L	G	N	x	x	x	x	x		x				x		4-8-92	0855	
DS-SB-C37 (a-2)	4	L	G	N	x	x	x	x	x		x				x		4-8-92	0850	
DS-SB-C37 (a-2)	4	L	G	N	x	x	x	x	x		x				x		4-8-92	0850	
SR-SB-C24 (a-4)	4	L	G	N									x	x			4-7-92	1115	Grainsize, % Moist., TOC
SR-SB-C19 (a-2)	4	L	G	N	x	x	x	x	x		x				y		4-8-92	1330	

Chain of Custody Record

Relinquished by: (Signature) <i>Teresa Davis</i>	Date/Time 4-8-92 1900	Received by: (Signature) Fed x	Relinquished by: (Signature)	Date/Time 4/7/92 800	Received by: (Signature) <i>J. H. ...</i>
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)

GEOTECH

9.

**Geotechnical
Results for
Soil Boring
Sample C31(8-10)**

MOISTURE-DENSITY-ATTERBERG LIMIT TESTS

[illegible][illegible][illegible]

Blows (N)	25				22				
Pan No.	54				23				
Wt. Pan	2.60				2.60				
Wt. Pan & Wet Soil	22.39				21.15				
Wt. Pan & Dry Soil	19.57				18.39				
Moisture Loss	2.82				2.76				
Wt. Dry Soil	16.97				15.79				
% Moisture	16.6				17.5				
Corrected LL	17				17.2				

Pan No.	K 27					AO				
Wt. Pan	1.44					1.42				
Wt. n & Wet Soil						10.39				
Wt. Pan & Dry Soil	9.23					9.23				
Moisture Loss	1.16					1.16				
Wt. Dry Soil	7.81					7.81				
% Moisture	14.9					14.9				5

SPECIFIC GRAVITY TESTS

No. 4122 02-0055 Project Eng _____ Table No. _____ Technician _____ Date _____ Time _____

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW@ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No. _____ Boring No. _____ BPF @ _____ to _____ Ft. Sample No. _____ Boring No. _____ BPF@ _____ to _____ Ft.
TW @ _____ to _____ Ft. TW@ _____ to _____ Ft.

Sample No.	FA SB C-26		DS SB C-31			
Pycnometer No.	#43		#46			
WT. Pyc. (including CAP)						
Wt. Pyc. + Oven Dry Soil						
Wt. Oven Dry Soil (Wo)	72.87		52.41			
Wt. Pyc + H ₂ O @ 20° C (Wa)	343.03		343.03			
Wt. Pyc + H ₂ O + Soil @Tx(Wp)	388.80		376.05			
Temperature (Tx)	20°					
Correction Factor K	2.69		2.70			

Tx DEG. C	Relative H ₂ O Density	Corr., Factor K
18	0.998624	1.0004
19	0.998435	1.0002
20	0.998234	1.0000
21	0.9980233	0.9998
22	0.997802	0.9996
23	0.997570	0.9993
24	0.997329	0.9991
25	0.997077	0.9989
26	0.996816	0.9986
27	0.996545	0.9983
28	0.99626	0.9980
29	0.996598	0.9977
30	0.996678	0.9974

Pan = 46

1.89

$$G @ 20^{\circ}C = \frac{w}{w + (w_a - w_b)}$$

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 19

Date: 03/09/92
Project No.: 4122 02-0055
Project: CH 2 M-Hill

Sample Data

Location of Sample: DS-SB-C31
Sample Description:
USCS Class: SM Liquid limit: 17
AASHTO Class: Plasticity index: 2

Notes

Remarks: DETH (08 - 10)

Fig. No.:

Mechanical Analysis Data

Sieve	Size, mm	Percent finer
0.75 inches	19.05	100.0
0.375 inches	9.53	94.2
# 4	4.760	86.7
# 10	2.000	80.7
# 20	0.840	74.6
# 40	0.420	68.4
# 60	0.250	59.8
# 100	0.149	50.3
# 200	0.074	38.2

Hydrometer Analysis Data

Size, mm	Percent finer
0.0422	31.9
0.0312	26.6
0.0203	22.8
0.0122	16.6
0.0088	14.7
0.0056	12.0
0.0031	9.2
0.0013	6.8

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 13.3 % SAND = 48.5
% SILT = 26.8 % CLAY = 11.4

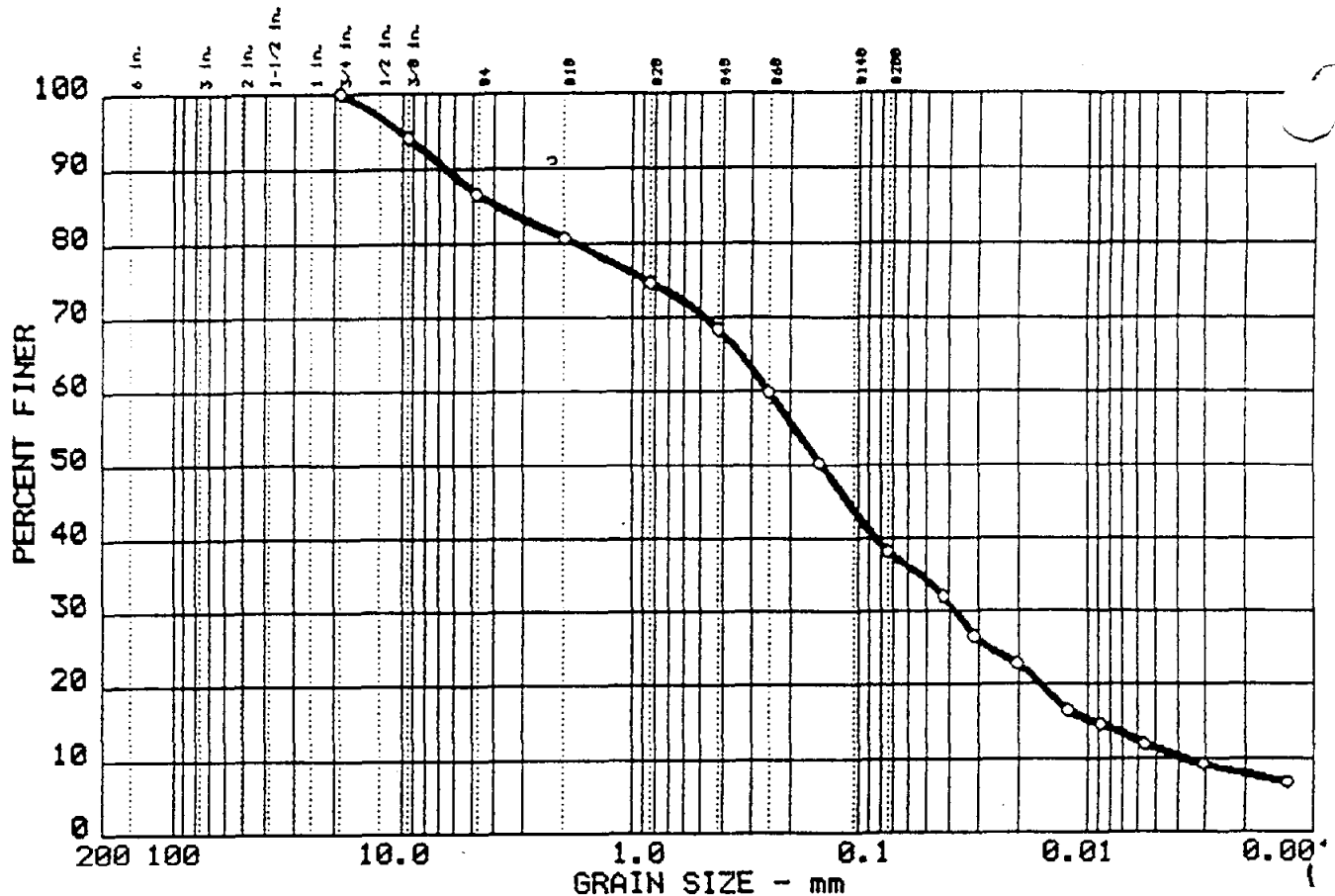
D85= 3.89 D60= 0.251 D50= 0.146
D30= 0.0376 D15= 0.00933 D10= 0.00376
Cc = 1.4962 Cu = 66.8344

Project: CH2M - HILL PROJECT

GRAIN SIZE DISTRIBUTION CURVE

GRAVEL		SAND			FINES
COARSE	FINE	COARSE	MEDIUM	FINE	
60.0	4.75	4.75	0.425	0.250	

GRAIN SIZE DISTRIBUTION TEST REPORT



Test	%+75 _μ	% GRAVEL	% SAND	% SILT	% CLAY
19	0.0	13.3	48.5	26.8	11.4

LL	PI	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
17	2	3.89	0.25	0.15	0.038	0.0093	0.0038	1.50	66.8

MATERIAL DESCRIPTION	USCS	AASHTO
	SM	

Project No.: 4122 02-0055 Project: CH 2 M-Hill Location: DS-SB-C31 Date: 03/09/92 <div style="text-align: center;"> GRAIN SIZE DISTRIBUTION TEST REPORT TWIN CITY TESTING CORPORATION </div>	Remarks: DETH (08 - 10) Figure No.
---	--



TWIN CITY TESTING

HYDROMETER ANALYSIS OF SOIL (ASTM:D422)
(worksheet)

PROJECT C42M-Hill 4/22-02-0055 DATE 3/5/92
 DRY WEIGHT OF SOIL (-#10) 83.58 HYDROMETER NO SAMPLE NUMBER DS-SB-C31 (8-10)
 SP GR OF SOIL 2.70 $a = .9889$ $a/w \times 100 = 1.183$ OPERATOR ABW

(705)

Time	Interval T, (min)	Temp °C	Hyd Reading	Corr	Corr Reading	L	V L/T	K	D	Percent in Suspension	Percent of Total Sample
	1/2										
905	1	21.5	37	3.0	33.1	10.2	3.194	.01320	.0422	39.5	31.9
907	2	↓	31.5		27.9	11.15	2.361		.0412	33.0	26.6
910	5	↓	27.5		23.9	11.8	1.536		.0203	28.3	22.8
920	15	21.5	21		17.1	12.9	0.927		.0122	20.6	16.6
935	30	21.5	19	↓	15.4	13.2	1.063	↓	.0088	18.2	14.7
1035	75	22	16	3.4	12.0	13.7	.427	.01312	.0056	14.9	12.0
115	250	22	13	↓	9.0	14.2	.238	↓	.0031	11.4	9.2
2105	1440	22	10.5	3.4	7.1	14.0	.101	↓	.0013	8.1	6.8

SIEVE ANALYSIS

TOTAL SAMPLE

On 2"
 2 - 1 1/2
 1 1/2 - 1
 1 - 3/4 0 100
 3/4 - 3/8 44.85 5.8 94.2
 3/8 - #4 58.31 7.5 167
 #4 Down
 Check
 Orig Wt
 4-10 46.44 10.0 80.7
 10 Down 67.93 62.14 80.7
 Check 77.34
 Orig Wt

MOISTURE CONTENT

t Wt 76.28 84.02
 Dry Wt 75.89
 Loss .40
 Mois. Cont

SG-209(31-A)

#25
 76.29
 2.21 24.53
 78.50 178.55
 78.10 84.02
 0.40
 -

HYDROMETER SAMPLE

-#10 Overall

On #10 0 80.7
 10-20 6.33 7.6 62.1 74.6
 20-40 6.36 7.6 84.7 108.1
 40-60 8.93 10.7 74.1 89.7
 60-100 7.84 11.3 62.3 80.3
 100-200 12.70 14.6 47.7 29.5
 200-270 .21 47.7
 270 Down
 Check
 Orig Wt 83.58
 After Wash 43.86
 Loss 39.72

21
39.93
28.62
224.31
204.14
20.17
175.54

L.L = 17.
 P.L = 15
 P.I = 2

M.C. = 11.5%

10



TWIN CITY TESTING
CORPORATION

TESTS OF SOIL

PROJECT : CH2M - Hill Project

DATE: _____

REPORTED TO: Twin City Testing

FURNISHED BY: _____

St Louis MO

COPIES TO: _____

Attn. Paul Smith

LABORATORY NO: _____

DS-SB-C31 (8-10)

SAMPLE IDENTIFICATION:

~~FA-SB-C31 (0-6)~~

MECHANICAL ANALYSIS (See attached curve)

Passing 3/4"	100%
3/8"	94
# 4	87
# 10	81
# 20	68
# 40	50
# 60	38
0.075 mm	15
0.075	11
0.075	6.8

ATTERBERG LIMITS

Liquid Limit

17

Plastic Limit

15


Plasticity Index

2

MOISTURE CONTENT

11.5 %

Traffic Report & Chain of Custody Record of 2

Project Number NJO 22948-56		Project Name STEPAN COMPANY		Date Shipped 2.27.92	Carrier FED-X		
Client Name STEPAN COMPANY				Airbill Number 3667028326			
Project Manager Mary Manto		Copy to:		Ship To: TCT ST. LOUIS 1908 INNERBETT BUSINESS CTR ST. LOUIS, MO 63114		Box No. 1 Preservation	Box No. 2 Sample Description
Requested Comp. Date ROUTINE						1. HCl 2. HNO3 3. NaOH 4. H2SO4 5. Ice only 6. Other (Specify) N. Not preserved	1. Surface Water 2. Ground Water 3. Rinse 4. Soil/Sediment 5. Oil 6. Waste 7. Other (Specify)
Sampler (Name): L. GAYIN							

Station Number	Enter # from Box 2	Conc. Low Med. High	Sample Type: Comp./Grab	Preservative from Box 1	Analysis Requested											Date	Time	Remarks
					TCL-VOA	TCL-BNA	TCL-PEST	TCL-PCB	Carb. d-Lim. α-Pinene	TCLP	TOXCON	Radnuc	TOC	GEOTECH.	TAL meth			
DS-SB-C31(8-D)	4	LOW	GRAB	5	X	X	X	X	X		X		X	X	X	2.25.92	0850	Grain size 5.107628 = AMERBETT LIMIT, REMAINS
SL-SB-C15(2-3)	4	LOW	GRAB	5	X	X	X	X	X		X				X	2.26.92	1430	
DS-SB-C31(8-D)	4	LOW	GRAB	5									X	X		2.25.92	0850	Grain size 5.107628 = AMERBETT LIMIT, REMAINS
DS-SB-BM-1	7*	*	GRAB	5	X	X	X	X	X		X					2.25.92	1400	5.107628 = AMERBETT LIMIT, REMAINS
SL-SB-FB10	3	LOW	GRAB	1	X											2.26.92	1800	
SL-SB-FB-10	3	LOW	GRAB	5		X	X	X	X						X ^{per}	2.26.92	1800	
SL-SB-FB-10	3	LOW	GRAB	3							X				U ⁹²	2.26.92	1800	
SL-SB-FB-10	3	LOW	GRAB	2											X	2.26.92	1800	
SL-SB-C15(3-5)	4	LOW	GRAB	5	X	X	X	X	X		X				X	2.26.92	1420	
SL-SB-C15(0-2)	4	LOW	GRAB	5	X	X	X	X	X		X				X	2.26.92	1400	

Chain of Custody Record					
Relinquished by: (Signature) Laura Gayin	Date/Time 2-27-92 2000	Received by: (Signature) Fed X	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Relinquished by: (Signature)	Date/Time	Received by: (Signature)
Relinquished by: (Signature)	Date/Time	Received by: (Signature) EML/Leber	Date/Time 3/2/92 10:00	Remarks Sample Temp. 15°C	Is custody seal intact? Y/N/none

SAMPLE TRACKING FORM

Sample # DS-SB-C31(8-10)

Project # NJO22948 DS-SL

Station # C31(8-10)

Sample Matrix Soil

Sample Type GRAB

Field VOC Reading 1

Date Sampled 2-25-92

Time Sampled 08:50

Field Rad Reading 2.4

Logbook # 2

Page # 71

B/S = 28.4

Name of Sampler L. GAVIN, M. SNIPE

Sample Description FIELD SAMPLE

FSL Results:

Gross Alpha

pCi/L

10.5 pCi/g

(Circle One)

Gross Beta/Gamma

pCi/L

1.5 pCi/g

ARE THESE RESULTS ABOVE MGM LIMITS? YES

NO

Liquid Limits - Alpha = 30 pCi/L, Beta = 500 pCi/L

Solid Limits - Alpha = 15 pCi/g, Beta = 50 pCi/g

Analytical Fraction	Number of Containers	SDG #	Lab QC Sample	Container Lot #	LAB	Date Shipped	Airbill #	Required Turnaround
FSL RAD SCREEN								
TCL VOC								
TCL BNA								
TCL PEST/PCB								
TAL METALS/CN								
d-LIMONENE, CAFFINE, α - PINENE								
RADIONUCLIDES								
TOC	<u>1</u>		<u>NA</u>	<u>0131501C</u>	<u>TOC</u>	<u>2-27-92</u>	<u>34612856</u>	<u>2.00</u>
GEOTECH	<u>5</u>		<u>NA</u>	<u>0131501C</u>	<u>GEOTECH</u>	<u>2-27-92</u>	<u>34612856</u>	<u>2.00</u>

THE SHADED AREA SHOULD BE FILLED OUT BY THE SAMPLE MANAGER. THE FIELD SAMPLING CREW SHOULD FILL OUT THE REMAINDER OF THE FORM PRIOR TO SAMPLE DELIVERY TO THE SAMPLE MANAGER.