Ø1947

Seneca Army Depot Activity
Quarterly Report

Quality Assured Data Received between October 1, 1999 and December 31, 1999

- SEAD-4 Soil Data Collected December 1998 and July 1999
- SEAD-4 Groundwater Data Collected April and July 1999
- SEAD-4 Surface Water Chemical Data Collected December 1998
- SEAD-4 Sediment Chemical Data Collected December 1998
- SEAD-4 Building Debris Chemical Data Collected January 1999

- **Ash Treatability Study Groundwater Data Collected April 1999, June 1999, and September 1999**
- **SEAD-12 Soil Chemical Data Collected September 1998 through November 1998**
- **SEAD-12 Groundwater Chemical Data Collected in April 1999**

The SEAD-4 data presented in this package were collected beginning in the Fall of 1998 and were validated this quarter. The SEAD-12 soil data were collected in the Fall of 1998 and the groundwater was collected in April 1999. All SEAD-12 soil and groundwater analyses for chemical parameters are presented by laboratory sample delivery group. The Ash Treatability groundwater data are for three of the four quarterly sampling events.

SEAD-4 Building Debris Chemical Data

Seneca Army Depot
SEAD-4 Remedial Investigation
Building Debris Sample Results

	UNITS	MAXIMUM	FREQUENCY OF DETECTION	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 B2084 DEBRIS 44001 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2085 DEBRIS 44002 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2073 DEBRIS 44003 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2078 DEBRIS 44004 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2076 DEBRIS 44005 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2079 DEBRIS 44006 0 0.2 1/8/1999 SA RI Phase 1 Step 1	
LATILES																	
1-Trichloroethane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
2,2-Tetrachloroethane	UG/KG	0	0%	0	6	12	UJ	10	UJ	11	UJ	11	UJ	10	U	11	U
2-Trichloroethane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
-Dichloroethane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
-Dichloroethene	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
-Dichloroethane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
-Dichloroethene (total)	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
-Dichloropropane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
tone	UG/KG	40	100%	6	6	4	J	40		12		22		10	J	3	J
nzene	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
modichloromethane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
moform	UG/KG	0	0%	0	6	12	UJ	10	UJ	11	UJ	11	UJ	10	U	11	U
bon disulfide	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
bon tetrachloride	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
orobenzene	UG/KG	0	0%	0	6	12	UJ	10	UJ	11	UJ	11	UJ	10	U	11	U
orodibromomethane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
oroethane	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
oroform	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
-1,3-Dichloropropene	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
yl benzene	UG/KG	0	0%	0	6	12	UJ	10	UJ	11	UJ	11	UJ	10	U	11	U
hyl bromide	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
hyl butyl ketone	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
hyl chloride	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
hyl ethyl ketone	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
hyl isobutyl ketone	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
hylene chloride	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
rene	UG/KG	0	0%	0	6	12	UJ	10	UJ	11	UJ	11	UJ	10	U	11	U
rachloroethene	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
uene	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
al Xylenes	UG/KG	0	0%	0	6	12	UJ	10	UJ	11	UJ	11	UJ	10	U	11	U
ns-1,3-Dichloropropene	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
hloroethene	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
yl chloride	UG/KG	0	0%	0	6	12	U	10	U	11	U	11	U	10	U	11	U
MIVOLATILES																	
4-Trichlorobenzene	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
-Dichlorobenzene	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
-Dichlorobenzene	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
-Dichlorobenzene	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
5-Trichlorophenol	UG/KG	0	0%	0	6	860	U	820	U	870	U	17000	U	800	U	830	U
6-Trichlorophenol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
-Dichlorophenol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
-Dimethylphenol	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
-Dinitrophenol	UG/KG	0	0%	0	6	860	UJ	820	UJ	870	UJ	17000	U	800	UJ	830	UJ
-Dinitrotoluene	UG/KG	360	33%	2	6	350	UJ	360	J	180	J	6900	UJ	330	UJ	340	UJ

Seneca Army Depot
SEAD-4 Remedial Investigation
Building Debris Sample Results

						SEAD-4 B2084 DEBRIS 44001 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2085 DEBRIS 44002 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2073 DEBRIS 44003 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2078 DEBRIS 44004 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2076 DEBRIS 44005 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2079 DEBRIS 44006 0 0.2 1/8/1999 SA RI Phase 1 Step 1	
	UNITS	MAXIMUM	FREQUENCY OF DETECTION	NUMBER OF DETECTS	NUMBER OF ANALYSES												
-Dinitrotoluene	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
Chloronaphthalene	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
Chlorophenol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
Methylnaphthalene	UG/KG	1500	33%	2	6	350	U	340	U	190	J	1500	J	330	U	340	U
Methylphenol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
Nitroaniline	UG/KG	0	0%	0	6	860	U	820	U	870	U	17000	U	800	U	830	U
Nitrophenol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
'-Dichlorobenzidine	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
Nitroaniline	UG/KG	0	0%	0	6	860	U	820	U	870	U	17000	UJ	800	U	830	U
-Dinitro-2-methylphenol	UG/KG	0	0%	0	6	860	UJ	820	UJ	870	UJ	17000	U	800	UJ	830	UJ
Bromophenyl phenyl eth	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
Chloro-3-methylphenol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
Chloroaniline	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	UJ	330	U	340	U
Chlorophenyl phenyl eth	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
Methylphenol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
Nitroaniline	UG/KG	0	0%	0	6	860	U	820	U	870	U	17000	U	800	U	830	U
Nitrophenol	UG/KG	0	0%	0	6	860	U	820	U	870	U	17000	U	800	U	830	U
enaphthene	UG/KG	1400	67%	4	6	33	J	340	UJ	260	J	1400	J	330	UJ	18	J
enaphthylene	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
thracene	UG/KG	690	83%	5	6	21	J	24	J	640	J	690	J	330	UJ	45	J
nzo(a)anthracene	UG/KG	5200	83%	5	6	260	J	89	J	2300		5200	J	330	U	780	
nzo(a)pyrene	UG/KG	8500	100%	6	6	290	J	86	J	2000	J	8500	J	17	J	810	J
nzo(b)fluoranthene	UG/KG	11000	100%	6	6	1800	J	210	J	1800	J	11000		45	J	1000	J
nzo(ghi)perylene	UG/KG	8700	100%	6	6	480	J	59	J	1500	J	8700		27	J	600	J
nzo(k)fluoranthene	UG/KG	8300	50%	3	6	350	R	340	R	2400	J	8300		330	R	1100	J
(2-Chloroethoxy)metha	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
(2-Chloroethyl)ether	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
(2-Chloroisopropyl)ethe	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
(2-Ethylhexyl)phthalate	UG/KG	890000	100%	6	6	430000		4700		83000		890000		1200		6600	
tylbenzylphthalate	UG/KG	1600	50%	3	6	1600		130	J	1300		6900	U	330	U	340	U
rbazole	UG/KG	5800	67%	4	6	350	U	34	J	440		5800	J	330	U	64	J
rysene	UG/KG	13000	100%	6	6	380	J	200	J	2100	J	13000	J	30	J	1300	J
n-butylphthalate	UG/KG	32000	100%	6	6	2500	J	1100	J	590	J	32000	J	100	J	980	J
n-octylphthalate	UG/KG	0	0%	0	6	350	UJ	340	U	360	U	6900	U	330	U	340	U
enz(a,h)anthracene	UG/KG	3000	67%	4	6	150	J	340	UJ	720	J	3000	J	330	UJ	270	J
enzofuran	UG/KG	1500	33%	2	6	350	UJ	340	UJ	140	J	1500	J	330	UJ	340	UJ
thyl phthalate	UG/KG	130	33%	2	6	19	J	130	J	360	UJ	6900	UJ	330	UJ	340	UJ
nethylphthalate	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
oranthene	UG/KG	25000	100%	6	6	590	J	310	J	4800	J	25000	J	42	J	1100	J
orene	UG/KG	760	50%	3	6	24	J	340	UJ	270	J	760	J	330	UJ	340	UJ
xachlorobenzene	UG/KG	0	0%	0	6	350	UJ	340	U	360	U	6900	U	330	U	340	U
xachlorobutadiene	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	8900	UJ	330	UJ	340	UJ
xachlorocyclopentadien	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	U	330	UJ	340	UJ
xachloroethane	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	UJ	340	UJ
leno(1,2,3-cd)pyrene	UG/KG	7500	83%	5	6	410		340	UJ	1400		7500		18	J	550	

Seneca Army Depot
SEAD-4 Remedial Investigation
Building Debris Sample Results

	UNITS	MAXIMUM	FREQUENCY OF DETECTION	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 B2084 DEBRIS 44001 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2085 DEBRIS 44002 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2073 DEBRIS 44003 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2078 DEBRIS 44004 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2076 DEBRIS 44005 0 0.2 1/8/1999 SA RI Phase 1 Step 1		SEAD-4 B2079 DEBRIS 44006 0 0.2 1/8/1999 SA RI Phase 1 Step 1	
horone	UG/KG	0	0%	0	6	350	UJ	340	UJ	360	UJ	6900	UJ	330	U	340	UJ
itrosodiphenylamine	UG/KG	66	17%	1	6	350	U	66	J	360	U	6900	U	330	U	340	U
itrosodipropylamine	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
hthalene	UG/KG	1300	50%	3	6	23	J	340	UJ	140	J	1300	J	330	UJ	340	UJ
benzene	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
tachlorophenol	UG/KG	4900	33%	2	6	860	U	810	J	4900	J	17000	U	800	U	830	U
nanthrene	UG/KG	23000	100%	6	6	340	J	240	J	3000	J	23000	J	33	J	410	J
nol	UG/KG	0	0%	0	6	350	U	340	U	360	U	6900	U	330	U	340	U
ene	UG/KG	25000	100%	6	6	280	J	180	J	3800	J	25000		38	J	950	
PLOSIVES																	
5-Trinitrobenzene	UG/KG	0	0%	0	6	120	U	120	U	120	U	120	U	120	U	120	U
Dinitrobenzene	UG/KG	180	33%	2	6	120	U	120	U	140	J	180	J	120	U	120	U
3-Trinitrotoluene	UG/KG	260	17%	1	6	120	U	260	J	120	U	120	U	120	U	120	U
Dinitrotoluene	UG/KG	1900	50%	3	6	630	J	1900	J	490	J	120	U	120	U	120	U
Dinitrotoluene	UG/KG	0	0%	0	6	120	U	120	U	120	U	120	U	120	U	120	U
trotoluene	UG/KG	0	0%	0	6	120	U	120	U	120	U	120	U	120	U	120	U
nino-4,6-Dinitrotoluene	UG/KG	320	33%	2	6	120	U	320	J	120	U	270	J	120	U	120	U
trotoluene	UG/KG	0	0%	0	6	120	U	120	U	120	U	120	U	120	U	120	U
trotoluene	UG/KG	0	0%	0	6	120	U	120	U	120	U	120	U	120	U	120	U
nino-2,6-Dinitrotoluene	UG/KG	300	17%	1	6	300	J	120	U	120	U	120	U	120	U	120	U
X	UG/KG	0	0%	0	6	120	U	120	U	120	U	120	U	120	U	120	U
benzene	UG/KG	0	0%	0	6	120	U	120	U	120	U	120	U	120	U	120	U
X	UG/KG	200	17%	1	6	120	U	120	U	120	U	200	J	120	U	120	U
yl	UG/KG	820	17%	1	6	820	J	120	U	120	U	120	U	120	U	120	U
STICIDES																	
DDD	UG/KG	35	67%	4	6	27	J	17	U	72	U	35	J	9.3		32	J
DDE	UG/KG	1200	100%	6	6	54		260	J	1200	J	32	J	23		100	
DDT	UG/KG	5600	100%	6	6	420		1000	J	5600		2900		32	J	770	J
in	UG/KG	0	0%	0	6	3.6	U	8.8	U	37	U	18	U	1.7	U	5.3	U
a-BHC	UG/KG	0	0%	0	6	3.6	U	8.8	U	37	U	18	U	1.7	U	5.3	U
a-Chlordane	UG/KG	780	67%	4	6	2.2	J	780		37	U	19	J	1.7	U	4.2	J
clor-1016	UG/KG	0	0%	0	6	71	U	170	U	720	U	350	U	33	U	100	U
clor-1221	UG/KG	0	0%	0	6	140	U	340	U	1400	U	700	U	67	U	210	U
clor-1232	UG/KG	0	0%	0	6	71	U	170	U	720	U	350	U	33	U	100	U
clor-1242	UG/KG	0	0%	0	6	71	U	170	U	720	U	350	U	33	U	100	U
clor-1248	UG/KG	0	0%	0	6	71	U	170	U	720	U	350	U	33	U	100	U
clor-1254	UG/KG	91000	83%	5	6	190		6400	J	91000		350	U	110		3500	
clor-1260	UG/KG	3100	67%	4	6	640	J	1600		720	U	350	U	57		3100	
a-BHC	UG/KG	31	17%	1	6	3.6	U	8.8	U	31	J	18	U	1.7	U	5.3	U
a-BHC	UG/KG	0	0%	0	6	3.6	U	8.8	U	37	U	18	U	1.7	U	5.3	U
drin	UG/KG	1100	83%	5	6	34		560	J	1100	J	35	U	3.8	J	120	J
osulfan I	UG/KG	160	33%	2	6	3.6	U	8.8	U	160	J	18	U	1.7	U	11	J
osulfan II	UG/KG	30	33%	2	6	18	J	30	J	72	U	35	U	3.3	U	10	U
osulfan sulfate	UG/KG	200	33%	2	6	200		15	J	72	U	35	U	3.3	U	10	U
rin	UG/KG	320	50%	3	6	7.1	U	44	J	320	J	35	U	3.3	U	29	J

Seneca Army Depot
SEAD-4 Remedial Investigation
Building Debris Sample Results

						SEAD-4 B2084 DEBRIS 44001 0 0.2 1/8/1999 SA		SEAD-4 B2085 DEBRIS 44002 0 0.2 1/8/1999 SA		SEAD-4 B2073 DEBRIS 44003 0 0.2 1/8/1999 SA		SEAD-4 B2078 DEBRIS 44004 0 0.2 1/8/1999 SA		SEAD-4 B2076 DEBRIS 44005 0 0.2 1/8/1999 SA		SEAD-4 B2079 DEBRIS 44006 0 0.2 1/8/1999 SA	
	UNITS	MAXIMUM	FREQUENCY OF DETECTION	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
drin aldehyde	UG/KG	390	83%	5	6	17	J	150	J	390	J	42	J	3.3	U	32	J
drin ketone	UG/KG	370	50%	3	6	34	J	24	J	72	U	370		3.3	U	10	U
mma-BHC/Lindane	UG/KG	0	0%	0	6	3.6	U	8.8	U	37	U	18	U	1.7	U	5.3	U
mma-Chlordane	UG/KG	95	83%	5	6	2.2	J	95	J	37	U	20	J	1.9	J	45	J
ptachlor	UG/KG	34	17%	1	6	3.6	U	34	J	37	U	18	U	1.7	U	5.3	U
ptachlor epoxide	UG/KG	360	83%	5	6	3.2	J	49	J	360	J	18	U	1.8	J	27	J
thoxychlor	UG/KG	390	50%	3	6	36	U	76	J	390	J	200	J	17	U	53	U
xaphene	UG/KG	0	0%	0	6	360	U	880	U	3700	U	1800	U	170	U	530	U
TALS																	
minum	MG/KG	6110	100%	6	6	6110		3850		4000		1980		3560		4760	
timony	MG/KG	26.1	100%	6	6	26.1		6.4	J	18.4		13.5		10.6		0.54	J
enic	MG/KG	33.6	100%	6	6	15.8		22.1		21.3		33.6		5.5		15	
ium	MG/KG	3560	100%	6	6	3560		2350		211		159		1870		1290	
yllium	MG/KG	0.46	33%	2	6	0.02	U	0.02	U	0.02	U	0.02	U	0.22	J	0.46	J
dmium	MG/KG	132	83%	5	6	37.2		132		55.1		28.7		22		0.03	U
cium	MG/KG	253000	100%	6	6	24100		49300		50500		18700		253000		70200	
romium	MG/KG	1840	100%	6	6	1840		150		199		493		35		136	
balt	MG/KG	37.1	100%	6	6	37.1		17		16.5		25.5		32		27.9	
pper	MG/KG	1220	100%	6	6	390		393		776		392		355		1220	
anide	MG/KG	28.7	67%	4	6	28.7		0.55	U	1.5		1.7		0.6	U	1.4	
n	MG/KG	362000	100%	6	6	153000	J	155000	J	145000	J	362000	J	14100	J	252000	J
d	MG/KG	12000	100%	6	6	12000		4800		1050		2660		1260		993	
gnesium	MG/KG	17600	100%	6	6	11100		17600		8360		2380		14900		8500	
nganese	MG/KG	1630	100%	6	6	836		710		947		1630		356		1320	
rcury	MG/KG	62.8	100%	6	6	0.34	J	0.28	J	0.16	J	0.61	J	1.1	J	62.8	J
kel	MG/KG	1330	100%	6	6	71.1		71.4		70.4		171		26.8		1330	
assium	MG/KG	3750	100%	6	6	1150		1790		1650		3750		2180		808	
enium	MG/KG	0	0%	0	6	0.75	U	0.6	U	0.67	U	0.69	U	0.56	U	0.56	U
ver	MG/KG	0.57	100%	6	6	0.57	J	0.42	J	0.48	J	0.5	J	0.49	J	0.5	J
dium	MG/KG	1530	100%	6	6	195	J	505	J	556	J	1530		1260		660	
allium	MG/KG	7	83%	5	6	2.9		3.3		0.7	J	7		0.56	U	2.1	
nadium	MG/KG	948	100%	6	6	25.5		23.8		42.5		29		10.4		948	
c	MG/KG	6100	100%	6	6	5670		3180		4940		6100		1510		2680	

SEAD-4 Surface Soil Chemical Data

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 MW4-11 SOIL 43170 0 0.2 12/20/98 SA	SEAD-4 MW4-12 SOIL 43167 0 0.2 12/21/98 SA	SEAD-4 MW4-13 SOIL 43161 0 0.2 12/20/98 DU	SEAD-4 MW4-13 SOIL 43160 0 0.2 12/20/98 SA	SEAD-4 MW4-6 SOIL 43153 0 0.2 12/19/98 SA	SEAD-4 MW4-6 SOIL 43195 0 0.2 7/11/99 SA	SEAD-4 MW4-7 SOIL 43157 0 0.2 12/20/98 SA	SEAD-4 MW4-8 SOIL 43150 0 0.2 12/18/98 SA
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	HEX CHROME N	RI Phase 1 Step 1 N	RI Phase 1 S N
ATILES															
-Trichloroethane	UG/KG	0	0%	800	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
2,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 UJ	12 U
-Trichloroethane	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
Dichloroethane	UG/KG	2	2%	200	0	2	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
Dichloroethene	UG/KG	0	0%	400	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
Dichloroethane	UG/KG	0	0%	100	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
Dichloroethene (total)	UG/KG	4	3%		0	3	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
Dichloropropane	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
tone	UG/KG	140	31%	200	0	27	86	11 J	14 U	12 U	12 U	14 U		12 U	12 U
zene	UG/KG	1	1%	60	0	1	86	1 J	14 U	12 U	12 U	12 U		12 U	12 U
nodichloromethane	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
noform	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 UJ	12 U
on disulfide	UG/KG	0	0%	2700	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
on tetrachloride	UG/KG	0	0%	600	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
robenzene	UG/KG	0	0%	1700	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 UJ	12 U
rodibromomethane	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
roethane	UG/KG	0	0%	1900	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
roform	UG/KG	0	0%	300	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
1,3-Dichloropropene	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
l benzene	UG/KG	0	0%	5500	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 UJ	12 U
hyl bromide	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
hyl butyl ketone	UG/KG	9	1%		0	1	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
hyl chloride	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
hyl ethyl ketone	UG/KG	0	0%	300	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
hyl isobutyl ketone	UG/KG	0	0%	1000	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
hylene chloride	UG/KG	3	1%	100	0	1	86	3 J	14 U	12 U	12 U	12 U		12 U	12 U
ene	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 UJ	12 U
achloroethene	UG/KG	0	0%	1400	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
ene	UG/KG	14	29%	1500	0	25	86	6 J	14 U	1 J	2 J	3 J		1 J	3 J
l Xylenes	UG/KG	0	0%	1200	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 UJ	12 U
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
loroethene	UG/KG	3	3%	700	0	3	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
l chloride	UG/KG	0	0%	200	0	0	86	11 UJ	14 U	12 U	12 U	12 U		12 U	12 U
MIVOLATILES															
-Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
Dichlorobenzene	UG/KG	0	0%	7900	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
Dichlorobenzene	UG/KG	0	0%	1600	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
Dichlorobenzene	UG/KG	0	0%	8500	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	7								
6-Trichlorophenol	UG/KG	0	0%	100	0	0	86	180 U	180 UJ	220 U	220 U	220 U		200 U	220 U
6-Trichlorophenol	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
Dichlorophenol	UG/KG	0	0%	400	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
Dimethylphenol	UG/KG	0	0%		0	0	86	73 UJ	72 UJ	90 UJ	91 UJ	92 U		84 UJ	92 U
Dinitrophenol	UG/KG	0	0%	200	0	0	86	180 UJ	180 R	220 R	220 R	220 U		200 R	220 U
Dinitrotoluene	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
loronaphthalene	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
lorophenol	UG/KG	0	0%	800	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
ethylnaphthalene	UG/KG	35	16%	36400	0	14	86	12 J	72 UJ	90 U	91 U	92 U		84 U	92 U
ethylphenol	UG/KG	0	0%	100	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
troaniline	UG/KG	0	0%	430	0	0	86	180 U	180 UJ	220 U	220 U	220 U		200 U	220 U
trophenol	UG/KG	0	0%	330	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
Dichlorobenzidine	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
troaniline	UG/KG	0	0%	500	0	0	86	180 U	180 UJ	220 U	220 U	220 U		200 U	220 U
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	86	180 U	180 UJ	220 UJ	220 UJ	220 U		200 UJ	220 U
omophenyl phenyl ether	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
loro-3-methylphenol	UG/KG	0	0%	240	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
loroaniline	UG/KG	0	0%	220	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
lorophenyl phenyl ether	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
ethylphenol	UG/KG	0	0%	900	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
troaniline	UG/KG	0	0%		0	0	86	180 U	180 UJ	220 U	220 U	220 U		200 U	220 U
trophenol	UG/KG	0	0%	100	0	0	86	180 U	180 UJ	220 U	220 U	220 U		200 U	220 U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-11 SOIL 43170 0 0.2 12/20/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-12 SOIL 43167 0 0.2 12/21/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-13 SOIL 43161 0 0.2 12/20/98 DU RI Phase 1 Step 1 N	SEAD-4 MW4-13 SOIL 43160 0 0.2 12/20/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-6 SOIL 43153 0 0.2 12/19/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-6 SOIL 43195 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 MW4-7 SOIL 43157 0 0.2 12/20/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-8 SOIL 43150 0 0.2 12/18/98 SA RI Phase 1 St N
aphthene	UG/KG	78	9%	50000	0	8	86	4 J	72 UJ	90 U	91 U	92 U		84 U	92 U
aphthylene	UG/KG	32	9%	41000	0	8	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
racene	UG/KG	110	17%	50000	0	15	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
o(a)anthracene	UG/KG	560	83%	224	5	71	86	17 J	4.6 J	12 J	16 J	5.2 J		21 J	10 J
o(a)pyrene	UG/KG	450	80%	61	11	69	86	18 J	6.9 J	15 J	20 J	92 U		24 J	12 J
o(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	32 J	14 J	25 J	27 J	92 U		33 J	18 J
o(ghi)perylene	UG/KG	310	55%	50000	0	47	86	16 J	72 UJ	90 U	10 J	92 U		84 U	92 U
o(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	24 J	72 R	16 J	22 J	92 U		26 J	14 J
-Chloroethoxy)methane	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
-Chloroethyl)ether	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
-Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	170	17 J	90 U	91 U	92 U		84 U	19 J
benzylphthalate	UG/KG	12000	12%	50000	0	10	86	11 J	72 UJ	90 U	91 U	92 U		84 U	92 U
azole	UG/KG	120	22%		0	19	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
sene	UG/KG	570	86%	400	4	74	86	41 J	7.3 J	20 J	24 J	8.7 J		28 J	16 J
butylphthalate	UG/KG	220	44%	8100	0	38	86	11 J	72 UJ	4.8 J	91 U	92 U		84 U	6.2 J
octylphthalate	UG/KG	44	8%	50000	0	7	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
nz(a,h)anthracene	UG/KG	130	22%	14	12	19	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
nzofuran	UG/KG	58	16%	6200	0	14	86	18 J	72 UJ	90 U	91 U	92 U		84 U	92 U
yl phthalate	UG/KG	22	16%	7100	0	14	86	7.7 J	72 UJ	90 U	91 U	92 U		84 U	92 U
thylphthalate	UG/KG	0	0%	2000	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
anthene	UG/KG	1100	93%	50000	0	80	86	61 J	14 J	32 J	41 J	15 J		51 J	26 J
ene	UG/KG	74	6%	50000	0	5	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
chlorobenzene	UG/KG	0	0%	410	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
chlorobutadiene	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
chlorocyclopentadiene	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 UJ	91 UJ	92 U		84 UJ	92 U
chloroethane	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
no(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	14 J	72 UJ	90 U	11 J	92 U		12 J	92 U
horone	UG/KG	0	0%	4400	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
trosodiphenylamine	UG/KG	19	1%		0	1	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
trosodipropylamine	UG/KG	0	0%		0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
thalene	UG/KG	74	13%	13000	0	11	86	13 J	72 UJ	90 U	91 U	92 U		84 U	92 U
benzene	UG/KG	0	0%	200	0	0	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
achlorophenol	UG/KG	0	0%	1000	0	0	86	180 U	180 UJ	220 U	220 U	220 U		200 U	220 U
anthrene	UG/KG	640	87%	50000	0	75	86	41 J	7 J	17 J	22 J	9.6 J		26 J	16 J
ol	UG/KG	17	2%	30	0	2	86	73 U	72 UJ	90 U	91 U	92 U		84 U	92 U
ne	UG/KG	990	88%	50000	0	76	86	51 J	11 J	26 J	31 J	11 J		39 J	20 J
LOSIVES															
-Trinitrobenzene	UG/KG	120	1%		0	1	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
Dinitrobenzene	UG/KG	0	0%		0	0	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
-Trinitrotoluene	UG/KG	72	1%		0	1	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
Dinitrotoluene	UG/KG	330	2%		0	2	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
rotoluene	UG/KG	0	0%		0	0	79	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
ino-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
rotoluene	UG/KG	0	0%		0	0	79	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
rotoluene	UG/KG	390	1%		0	1	79	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
benzene	UG/KG	0	0%	200	0	0	79	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 UJ	120 U	120 U	120 U		120 U	120 U
TICIDES/PCBs															
DDD	UG/KG	190	23%	2900	0	20	86	3.6 U	4.3 U	9.9 J	4.6 UJ	4.6 U		4.2 U	4.6 U
DDE	UG/KG	160	31%	2100	0	27	86	9.9	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
DDT	UG/KG	760	34%	2100	0	29	86	3.6 U	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
n	UG/KG	2.2	1%	41	0	1	86	1.9 U	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
a-BHC	UG/KG	2.4	6%	110	0	5	86	2.4 J	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
a-Chlordane	UG/KG	4.9	9%		0	8	86	1.6 J	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
or-1016	UG/KG	0	0%		0	0	86	36 U	43 U	45 U	46 U	46 U		42 U	46 U
or-1221	UG/KG	0	0%		0	0	86	74 U	87 U	92 U	93 U	93 U		86 U	93 U
or-1232	UG/KG	0	0%		0	0	86	36 U	43 U	45 U	46 U	46 U		42 U	46 U
or-1242	UG/KG	0	0%		0	0	86	36 U	43 U	45 U	46 U	46 U		42 U	46 U

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Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-11 SOIL 43170 0 0.2 12/20/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-12 SOIL 43167 0 0.2 12/21/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-13 SOIL 43161 0 0.2 12/20/98 DU RI Phase 1 Step 1 N	SEAD-4 MW4-13 SOIL 43160 0 0.2 12/20/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-6 SOIL 43153 0 0.2 12/19/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-6 SOIL 43195 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 MW4-7 SOIL 43157 0 0.2 12/20/98 SA RI Phase 1 Step 1 N	SEAD-4 MW4-8 SOIL 43150 0 0.2 12/18/98 SA RI Phase 1 St N
or-1248	UG/KG	0	0%		0	0	86	36 U	43 U	45 U	46 U	46 U		42 U	46 U
or-1254	UG/KG	310	26%	10000	0	22	86	310	43 U	45 U	46 U	46 U		42 U	46 U
or-1260	UG/KG	110	3%	10000	0	3	86	36 U	43 U	45 U	46 U	46 U		42 U	46 U
-BHC	UG/KG	7.6	12%	200	0	10	86	3 J	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
-BHC	UG/KG	0	0%	300	0	0	86	1.9 U	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
rin	UG/KG	7.4	6%	44	0	5	86	7.4 J	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
sulfan I	UG/KG	1.7	5%	900	0	4	86	1.2 J	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
sulfan II	UG/KG	5.2	3%	900	0	3	86	3.6 U	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
sulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	3.6 U	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
n	UG/KG	27	3%	100	0	3	86	2.3 J	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
n aldehyde	UG/KG	20	12%		0	10	86	2.6 J	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
n ketone	UG/KG	4.2	3%		0	3	86	3.6 U	4.3 U	4.5 U	4.6 U	4.6 U		4.2 U	4.6 U
ma-BHC/Lindane	UG/KG	0	0%	60	0	0	86	1.9 U	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
ma-Chlordane	UG/KG	7.4	9%	540	0	8	86	1.8 J	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
achlor	UG/KG	4.2	3%	100	0	3	86	1.9 U	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
achlor epoxide	UG/KG	3.6	5%	20	0	4	86	2.7 J	2.2 U	2.3 U	2.4 U	2.4 U		2.2 U	2.4 U
oxychlor	UG/KG	0	0%		0	0	86	19 U	22 U	23 U	24 U	24 U		22 U	24 U
phene	UG/KG	0	0%		0	0	86	190 U	220 U	230 U	240 U	240 U		220 U	240 U
BICIDES															
-T	UG/KG	0	0%	1900	0	0	7								
-TP/Silvex	UG/KG	0	0%	700	0	0	7								
	UG/KG	0	0%	500	0	0	7								
DB	UG/KG	0	0%		0	0	7								
oon	UG/KG	0	0%		0	0	7								
nba	UG/KG	0	0%		0	0	7								
oroprop	UG/KG	0	0%		0	0	7								
seb	UG/KG	0	0%		0	0	7								
A	UG/KG	0	0%		0	0	7								
P	UG/KG	0	0%		0	0	7								
ALS															
inum	MG/KG	18800	100%	19520	0	86	86	12100	13200	14700	14700	7630		13400	12100
oony	MG/KG	148	40%	6	15	34	86	1.1 J	0.8 J	0.89 R	1 R	1.1 J		0.99 R	0.93 J
nic	MG/KG	14.6	100%	8.9	4	86	86	3.7	4.9	4.5	5.9	3.1		4.7	4.6
m	MG/KG	278	100%	300	0	86	86	35.2 J	81.9	99.6	100	77.8		91	95
lium	MG/KG	1.8	100%	1.13	1	86	86	0.51 J	0.49 J	0.68 J	0.73 J	0.5 J		0.53 J	0.72 J
nium	MG/KG	2.3	13%	2.46	0	11	86	0.09 U	0.05 U	0.11 U	0.13 U	0.11 U		0.13 U	0.12 U
um	MG/KG	196000	100%	125300	3	86	86	54500	3780	2550	2460	8250		4610	3860
mium	MG/KG	18600	100%	30	37	86	86	29.7	19.5 J	19.8	20.1	1990		18.9	[redacted]
lt	MG/KG	19.9	100%	30	0	86	86	11.3	9.1 J	8.1 J	8.7 J	6.9 J		10.2 J	10.1 J
er	MG/KG	7330	100%	33	30	86	86	35.4	19	16.6	17.1	1020		15.6	24.1
ide	MG/KG	0.87	2%	0.35	2	2	86	0.64 U	0.73 U	0.82 U	0.78 U	0.78 U		0.71 U	0.8 U
	MG/KG	64600	100%	37410	2	86	86	27300	22400	23100	25900 J	16000		22500	22200
	MG/KG	11200	92%	24.4	36	79	86	66.3 J	[redacted]	19.4 J	22.3 J	22.8		17.3 J	15.3
esium	MG/KG	35300	100%	21700	1	86	86	12900	3930	3240	3250	2780		3660	3430
anese	MG/KG	1540	100%	1100	3	86	86	337	509	560	627	579 J		645	625 J
ury	MG/KG	1.2	52%	0.1	16	45	86	0.05 J	0.09 J	0.1 J	0.1 J	0.06 UJ		0.07 J	0.06 U
el	MG/KG	228	100%	50	1	86	86	41	23.9	23.8	24.4	18.1		24.2	22.5
ssium	MG/KG	2340	100%	2623	0	86	86	1880	2010	1530	1570	1040 J		1660	1950
nium	MG/KG	3.4	23%	2	1	20	86	0.67 U	0.93 UJ	0.82 U	0.96 U	0.8 U		0.91 U	0.84 U
r	MG/KG	1.7	6%	0.8	1	5	86	0.19 U	0.26 U	0.23 U	0.27 U	0.22 U		0.25 U	0.23 U
um	MG/KG	1270	34%	188	2	29	86	48.9 U	68.4 J	59.7 U	69.7 U	75.2 U		66.3 U	97 J
um	MG/KG	5.4	22%	0.855	16	19	86	0.58 U	9.3 R	0.71 U	0.82 U	0.69 U		0.78 U	0.72 U
dium	MG/KG	1250	100%	150	1	86	86	21.5	26.3	27.9	28.8	11.8		23.1	20
	MG/KG	2020	100%	115	29	86	86	77.2 J	78.1 J	79 J	81.1 J	[redacted]		67.5 J	86.6
mium, Hexavalent	MG/KG	14.7	27%		0	4	15						5.8 U		

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								SEAD-4 MW4-9 SOIL 43164 0 0.2 12/20/98 SA	SEAD-4 SB4-11 SOIL 43132 0 0.2 12/17/98 SA	SEAD-4 SB4-12 SOIL 43113 0 0.2 12/16/98 SA	SEAD-4 SB4-13 SOIL 43116 0 0.2 12/16/98 SA	SEAD-4 SB4-14 SOIL 43110 0 0.2 12/16/98 DU	SEAD-4 SB4-14 SOIL 43109 0 0.2 12/16/98 SA	SEAD-4 SB4-14 SOIL 43191 0 0.2 7/11/99 SA	SEAD-4 SB4-15 SOIL 43145 0 0.2 12/17/98 SA
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	HEX CHROME N	RI Phase 1 St N
ATILES															
-Trichloroethane	UG/KG	0	0%	800	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
2,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	13 U	12 U	12 U	12 U	12 U	12 UJ		13 U
2-Trichloroethane	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
Dichloroethane	UG/KG	2	2%	200	0	2	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
Dichloroethene	UG/KG	0	0%	400	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
Dichloroethane	UG/KG	0	0%	100	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
Dichloroethene (total)	UG/KG	4	3%		0	3	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
Dichloropropane	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
tone	UG/KG	140	31%	200	0	27	86	6 J	12 UJ	12 U	12 U	12 U	12 U		13 U
zene	UG/KG	1	1%	60	0	1	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
nodichloromethane	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
noform	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 UJ		13 U
on disulfide	UG/KG	0	0%	2700	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
on tetrachloride	UG/KG	0	0%	600	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
robenzene	UG/KG	0	0%	1700	0	0	86	13 U	12 U	12 U	12 U	12 U	12 UJ		13 U
rodibromomethane	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
roethane	UG/KG	0	0%	1900	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
roform	UG/KG	0	0%	300	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
1,3-Dichloropropene	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
l benzene	UG/KG	0	0%	5500	0	0	86	13 U	12 U	12 U	12 U	12 U	12 UJ		13 U
hyl bromide	UG/KG	0	0%		0	0	86	13 U	12 U	12 UJ	12 UJ	12 UJ	12 UJ		13 U
hyl butyl ketone	UG/KG	9	1%		0	1	86	13 U	12 UJ	12 U	12 U	12 U	12 U		13 U
hyl chloride	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
hyl ethyl ketone	UG/KG	0	0%	300	0	0	86	13 U	12 UJ	12 U	12 U	12 U	12 U		13 U
hyl isobutyl ketone	UG/KG	0	0%	1000	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
hylene chloride	UG/KG	3	1%	100	0	1	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
ene	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 UJ		13 U
achloroethene	UG/KG	0	0%	1400	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
ene	UG/KG	14	29%	1500	0	25	86	13 U	2 J	12 U	3 J	3 J	5 J		13 U
l Xylenes	UG/KG	0	0%	1200	0	0	86	13 U	12 U	12 U	12 U	12 U	12 UJ		13 U
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
loroethene	UG/KG	3	3%	700	0	3	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
l chloride	UG/KG	0	0%	200	0	0	86	13 U	12 U	12 U	12 U	12 U	12 U		13 U
MIVOLATILES															
4-Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Dichlorobenzene	UG/KG	0	0%	7900	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Dichlorobenzene	UG/KG	0	0%	1600	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Dichlorobenzene	UG/KG	0	0%	8500	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	7								
5-Trichlorophenol	UG/KG	0	0%	100	0	0	86	220 U	210 U	200 U	180 U	770 U	770 U		220 U
6-Trichlorophenol	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Dichlorophenol	UG/KG	0	0%	400	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Dimethylphenol	UG/KG	0	0%		0	0	86	89 UJ	87 UJ	82 UJ	73 UJ	320 UJ	320 UJ		90 U
Dinitrophenol	UG/KG	0	0%	200	0	0	86	220 UJ	210 UJ	200 UJ	180 UJ	770 UJ	770 UJ		220 U
Dinitrotoluene	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
loronaphthalene	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
lorophenol	UG/KG	0	0%	800	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
ethylnaphthalene	UG/KG	35	16%	36400	0	14	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
ethylphenol	UG/KG	0	0%	100	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
troaniline	UG/KG	0	0%	430	0	0	86	220 U	210 U	200 U	180 U	770 U	770 UJ		220 U
trophenol	UG/KG	0	0%	330	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Dichlorobenzidine	UG/KG	0	0%		0	0	86	89 U	87 UJ	82 U	73 U	320 U	320 U		90 U
troaniline	UG/KG	0	0%	500	0	0	86	220 U	210 UJ	200 U	180 UJ	770 UJ	770 U		220 U
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	86	220 U	210 UJ	200 U	180 U	770 U	770 U		220 U
omophenyl phenyl ether	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
loro-3-methylphenol	UG/KG	0	0%	240	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
loroaniline	UG/KG	0	0%	220	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
lorophenyl phenyl ether	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
ethylphenol	UG/KG	0	0%	900	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
troaniline	UG/KG	0	0%		0	0	86	220 U	210 U	200 U	180 U	770 U	770 U		220 U
trophenol	UG/KG	0	0%	100	0	0	86	220 U	210 U	200 U	180 U	770 U	770 U		220 U

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								SEAD-4 MW4-9 SOIL 43164 0 0.2 12/20/98 SA	SEAD-4 SB4-11 SOIL 43132 0 0.2 12/17/98 SA	SEAD-4 SB4-12 SOIL 43113 0 0.2 12/16/98 SA	SEAD-4 SB4-13 SOIL 43116 0 0.2 12/16/98 SA	SEAD-4 SB4-14 SOIL 43110 0 0.2 12/16/98 DU	SEAD-4 SB4-14 SOIL 43109 0 0.2 12/16/98 SA	SEAD-4 SB4 14 SOIL 43191 0 0.2 7/11/99 SA	SEAD-4 SB4-15 SOIL 43145 0 0.2 12/17/98 SA
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	HEX CHROME N	RI Phase 1 Ste N
ohthene	UG/KG	78	9%	50000	0	8	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
ohthylene	UG/KG	32	9%	41000	0	8	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
cene	UG/KG	110	17%	50000	0	15	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
(a)anthracene	UG/KG	560	83%	224	5	71	86	8.6 J	7.9 J	82 U	6.6 J	320 U	320 U		8.8 J
(a)pyrene	UG/KG	450	80%	61	11	69	86	8.5 J	11 J	6.5 J	10 J	320 U	320 U		10 J
(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	27 J	15 J	14 J	35 J	320 U	320 U		13 J
(ghi)perylene	UG/KG	310	55%	50000	0	47	86	89 U	87 UJ	82 U	73 U	320 U	320 U		90 U
(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	89 U	15 J	82 R	73 R	320 U	320 U		12 J
Chloroethoxy)methane	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Chloroethyl)ether	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	89 U	87 U	82 U	73 U	320 U	320 U		90 U
Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	89 U	87 U	82 U	73 U	9700	8700		94
enzylphthalate	UG/KG	12000	12%	50000	0	10	86	89 U	87 U	82 U	73 U	2200 J	12000 J		90 U
zole	UG/KG	120	22%		0	19	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
ene	UG/KG	570	86%	400	4	74	86	16 J	14 J	7.6 J	14 J	320 U	320 U		13 J
utylphthalate	UG/KG	220	44%	8100	0	38	86	89 U	87 U	82 U	73 U	320 U	220 J		90 U
ctylphthalate	UG/KG	44	8%	50000	0	7	86	89 U	87 U	82 U	44 J	320 U	320 U		90 U
z(a,h)anthracene	UG/KG	130	22%	14	12	19	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
zofuran	UG/KG	58	16%	6200	0	14	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
phthalate	UG/KG	22	16%	7100	0	14	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
ylphthalate	UG/KG	0	0%	2000	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
nthene	UG/KG	1100	93%	50000	0	80	86	24 J	19 J	9 J	10 J	320 U	320 U		20 J
ne	UG/KG	74	6%	50000	0	5	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
hlorobenzene	UG/KG	0	0%	410	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
hlorobutadiene	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
hlorocyclopentadiene	UG/KG	0	0%		0	0	86	89 U	87 UJ	82 U	73 UJ	320 UJ	320 UJ		90 UJ
hloroethane	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
rone	UG/KG	0	0%	4400	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
sodiphenylamine	UG/KG	19	1%		0	1	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
sodipropylamine	UG/KG	0	0%		0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
halene	UG/KG	74	13%	13000	0	11	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
enzene	UG/KG	0	0%	200	0	0	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
chlorophenol	UG/KG	0	0%	1000	0	0	86	220 U	210 U	200 U	180 U	770 U	770 U		220 U
nthrene	UG/KG	640	87%	50000	0	75	86	13 J	13 J	4.8 J	7.5 J	320 U	320 U		10 J
l	UG/KG	17	2%	30	0	2	86	89 U	87 U	82 U	73 U	320 U	320 U		90 U
e	UG/KG	990	88%	50000	0	76	86	19 J	17 J	7.6 J	9.5 J	320 U	320 U		17 J
OSIVES															
rinitrobenzene	UG/KG	120	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
itrobenzene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
rinitrotoluene	UG/KG	72	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
itrotoluene	UG/KG	330	2%		0	2	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
itrotoluene	UG/KG	0	0%	1000	0	0	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
toluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 U	120 U	120 U		120 U
o-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
toluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 U	120 U	120 U		120 U
toluene	UG/KG	390	1%		0	1	79	120 U	120 U	120 U	120 U	120 U	120 U		120 U
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
enzene	UG/KG	0	0%	200	0	0	79	120 U	120 U	120 U	120 U	120 U	120 U		120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U		120 U
CIDES/PCBs															
DD	UG/KG	190	23%	2900	0	20	86	4.4 U	12	4.1 U	3.7 U	4 U	2 J		6.6
DE	UG/KG	160	31%	2100	0	27	86	4.4 U	4.3 U	4.1 U	10	4 U	2.9 J		4.5 U
DT	UG/KG	760	34%	2100	0	29	86	4.4 U	4.3 U	4.1 U	44	17	20		4.5 U
	UG/KG	2.2	1%	41	0	1	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
BHC	UG/KG	2.4	6%	110	0	5	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
Chlordane	UG/KG	4.9	9%		0	8	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
r-1016	UG/KG	0	0%		0	0	86	44 U	43 U	41 U	37 U	40 U	40 U		45 U
r-1221	UG/KG	0	0%		0	0	86	90 U	88 U	84 U	74 U	81 U	81 U		92 U
r-1232	UG/KG	0	0%		0	0	86	44 U	43 U	41 U	37 U	40 U	40 U		45 U
r-1242	UG/KG	0	0%		0	0	86	44 U	43 U	41 U	37 U	40 U	40 U		45 U

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SEAD-4 Remedial Investigation
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	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-9 SOIL 43164 0 0.2 12/20/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-11 SOIL 43132 0 0.2 12/17/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-12 SOIL 43113 0 0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-13 SOIL 43116 0 0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-14 SOIL 43110 0 0.2 12/16/98 DU RI Phase 1 Step 1 N	SEAD-4 SB4-14 SOIL 43109 0 .0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-14 SOIL 43191 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SB4-15 SOIL 43145 0 0.2 12/17/98 SA RI Phase 1 Ste N
or-1248	UG/KG	0	0%		0	0	86	44 U	43 U	41 U	37 U	40 U	40 U		45 U
or-1254	UG/KG	310	26%	10000	0	22	86	44 U	43 U	41 U	25 J	22 J	27 J		45 U
or-1260	UG/KG	110	3%	10000	0	3	86	44 U	43 U	41 U	37 U	40 U	40 U		45 U
BHC	UG/KG	7.6	12%	200	0	10	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
-BHC	UG/KG	0	0%	300	0	0	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
rin	UG/KG	7.4	6%	44	0	5	86	4.4 U	4.3 U	4.1 U	3.7 U	4 U	4 U		4.5 U
sulfan I	UG/KG	1.7	5%	900	0	4	86	2.3 U	1.2 J	2.1 U	1.9 U	2 U	2 U		2.3 U
sulfan II	UG/KG	5.2	3%	900	0	3	86	4.4 U	4.3 U	4.1 U	3.7 U	4 U	4 U		4.5 U
sulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	4.4 U	4.3 U	4.1 U	3.7 U	4 U	4 U		4.5 U
n	UG/KG	27	3%	100	0	3	86	4.4 U	4.3 U	4.1 U	3.7 U	4 U	4 U		4.5 U
n aldehyde	UG/KG	20	12%		0	10	86	4.4 U	4.3 U	4.1 U	3.7 U	4 U	4 U		4.5 U
n ketone	UG/KG	4.2	3%		0	3	86	4.4 U	4.3 U	4.1 U	3.7 U	4 U	4 U		4.5 U
na-BHC/Lindane	UG/KG	0	0%	60	0	0	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
na-Chlordane	UG/KG	7.4	9%	540	0	8	86	2.3 U	2.2 U	4.3 J	1.9 U	2 U	2 U		2.3 U
achlor	UG/KG	4.2	3%	100	0	3	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
achlor epoxide	UG/KG	3.6	5%	20	0	4	86	2.3 U	2.2 U	2.1 U	1.9 U	2 U	2 U		2.3 U
oxychlor	UG/KG	0	0%		0	0	86	23 U	22 U	21 U	19 U	20 U	20 U		23 U
ophene	UG/KG	0	0%		0	0	86	230 U	220 U	210 U	190 U	200 U	200 U		230 U
BICIDES															
T	UG/KG	0	0%	1900	0	0	7								
TP/Silvex	UG/KG	0	0%	700	0	0	7								
	UG/KG	0	0%	500	0	0	7								
B	UG/KG	0	0%		0	0	7								
on	UG/KG	0	0%		0	0	7								
nba	UG/KG	0	0%		0	0	7								
oroprop	UG/KG	0	0%		0	0	7								
eb	UG/KG	0	0%		0	0	7								
A	UG/KG	0	0%		0	0	7								
P	UG/KG	0	0%		0	0	7								
ALS															
inum	MG/KG	18800	100%	19520	0	86	86	13600	12100	12700	11700	11400	12900		13400
ony	MG/KG	148	40%	6	15	34	86	1 R	0.65 UJ	4.1 J	0.98 J	[redacted] J	[redacted] J		0.74 R
ic	MG/KG	14.6	100%	8.9	4	86	86	3.9	5.7	5.1	5.1	[redacted]	7.5		4.2
m	MG/KG	278	100%	300	0	86	86	92.8	89.4	79.5	57.3	145	156		83.8
ium	MG/KG	1.8	100%	1.13	1	86	86	0.57 J	0.5 J	0.49 J	0.42 J	0.47 J	0.54 J		0.78 J
nium	MG/KG	2.3	13%	2.46	0	11	86	0.13 U	0.04 U	0.05 U	0.03 U	1.4	1.6		0.09 U
um	MG/KG	196000	100%	125300	3	86	86	2010	2450	3860	70800	9530	8640		2960
mium	MG/KG	18600	100%	30	37	86	86	[redacted]	19.3	[redacted]	[redacted]	[redacted]	[redacted]		19.1
lt	MG/KG	19.9	100%	30	0	86	86	8.6 J	10 J	10.9 J	11.9	19.9	18.3		8.2 J
er	MG/KG	7330	100%	33	30	86	86	14.3	18.4	[redacted]	[redacted]	[redacted]	[redacted]		14.6
ide	MG/KG	0.87	2%	0.35	2	2	86	0.83 U	0.67 U	0.71 U	0.6 U	0.61 U	[redacted] J		0.8 U
	MG/KG	64600	100%	37410	2	86	86	19600 J	22700	27100	25400	29600	30800		20500
	MG/KG	11200	92%	24.4	36	79	86	16.7 J	16.9	14.2	15.7	[redacted]	[redacted]		20.4
esium	MG/KG	35300	100%	21700	1	86	86	3020	3430	4550	[redacted]	5800	6020		3370
ganese	MG/KG	1540	100%	1100	3	86	86	740	626 J	624 J	478 J	384 J	403 J		471 J
ury	MG/KG	1.2	52%	0.1	16	45	86	0.09 J	0.06 UJ	0.11 J	0.05 UJ	0.06 UJ	0.06 J		0.06 U
l	MG/KG	228	100%	50	1	86	86	19.1	23.8	31.4	31.9	34.7	38.1		21
ssium	MG/KG	2340	100%	2623	0	86	86	1520	1980	1290	1150	1090 J	1330		1630
ium	MG/KG	3.4	23%	2	1	20	86	0.96 U	0.7 J	0.46 U	0.34 U	0.44 U	0.46 U		0.68 U
	MG/KG	1.7	6%	0.8	1	5	86	0.27 U	0.21 U	0.23 U	0.17 U	0.22 U	0.23 U		0.19 U
m	MG/KG	1270	34%	188	2	29	86	69.9 U	54.9 U	60.6 U	52.2 J	57.6 U	60.6 U		64.1 U
um	MG/KG	5.4	22%	0.855	16	19	86	0.83 U	7.5 UJ	8.3 UJ	6.1 UJ	0.79 UJ	0.83 UJ		0.59 U
dium	MG/KG	1250	100%	150	1	86	86	24.8	21.3	20.8	18.9	23.8	24.8		24.2
	MG/KG	2020	100%	115	29	86	86	68.4 J	91.1	[redacted]	93.2	[redacted]	[redacted]		67.2
mium, Hexavalent	MG/KG	14.7	27%		0	4	15							12.2 U	

Seneca Army Depot Activity
SEAD 4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SB4-16 SOIL 43122 0 0.2 12/21/98 SA	SEAD-4 SB4-17 SOIL 43119 0 0.2 12/16/98 SA	SEAD-4 SB4-18 SOIL 43080 0 0.2 12/15/98 SA	SEAD-4 SB4-19 SOIL 43083 0 0.2 12/15/98 SA	SEAD-4 SB4-25 SOIL 43174 0 0.2 12/22/98 SA	SEAD-4 SB4-25 SOIL 43196 0 0.2 7/11/99 SA	SEAD-4 SB4-26 SOIL 43090 0 0.2 12/15/98 SA	SEAD-4 SB4-27 SOIL 43125 0 0.2 12/21/98 SA
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	HEX CHROME N	RI Phase 1 Step 1 N	RI Phase 1 Ste N
TILES															
Trichloroethane	UG/KG	0	0%	800	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	12 UJ	11 U	11 U	12 U	20 UJ		12 U	13 UJ
Trichloroethane	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
chloroethane	UG/KG	2	2%	200	0	2	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
chloroethene	UG/KG	0	0%	400	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
chloroethane	UG/KG	0	0%	100	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
chloroethene (total)	UG/KG	4	3%		0	3	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
chloropropane	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
ne	UG/KG	140	31%	200	0	27	86	12 U	11 U	6 J	12 U	28 U		12 UJ	13 U
ne	UG/KG	1	1%	60	0	1	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
dichloromethane	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
form	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 UJ		12 U	13 UJ
n disulfide	UG/KG	0	0%	2700	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
n tetrachloride	UG/KG	0	0%	600	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
benzene	UG/KG	0	0%	1700	0	0	86	12 UJ	11 U	11 U	12 U	20 UJ		12 U	13 UJ
dibromomethane	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
ethane	UG/KG	0	0%	1900	0	0	86	12 U	11 U	11 U	12 UJ	20 U		12 U	13 U
form	UG/KG	0	0%	300	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
3-Dichloropropene	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
benzene	UG/KG	0	0%	5500	0	0	86	12 UJ	11 U	11 U	12 U	20 UJ		12 U	13 UJ
l bromide	UG/KG	0	0%		0	0	86	12 U	11 UJ	11 UJ	12 U	20 U		12 U	13 U
l butyl ketone	UG/KG	9	1%		0	1	86	12 U	11 U	11 UJ	12 U	20 U		12 UJ	13 U
l chloride	UG/KG	0	0%		0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
l ethyl ketone	UG/KG	0	0%	300	0	0	86	12 U	11 U	11 UJ	12 UJ	20 U		12 UJ	13 U
l isobutyl ketone	UG/KG	0	0%	1000	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
lene chloride	UG/KG	3	1%	100	0	1	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
e	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 UJ		12 U	13 UJ
hloroethene	UG/KG	0	0%	1400	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
ne	UG/KG	14	29%	1500	0	25	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
Xylenes	UG/KG	0	0%	1200	0	0	86	12 UJ	11 U	11 U	12 U	20 UJ		12 U	13 UJ
1,3-Dichloropropene	UG/KG	0	0%		0	0	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
roethene	UG/KG	3	3%	700	0	3	86	12 UJ	11 U	11 U	12 U	20 U		12 U	13 U
hloride	UG/KG	0	0%	200	0	0	86	12 U	11 U	11 U	12 U	20 U		12 U	13 U
VOLATILES															
Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
chlorobenzene	UG/KG	0	0%	7900	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
chlorobenzene	UG/KG	0	0%	1600	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
chlorobenzene	UG/KG	0	0%	8500	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	7								
Trichlorophenol	UG/KG	0	0%	100	0	0	86	180 U	350 U	170 U	200 U	420 UJ		220 U	200 U
Trichlorophenol	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
chlorophenol	UG/KG	0	0%	400	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
methylphenol	UG/KG	0	0%		0	0	86	74 UJ	140 UJ	72 UJ	82 UJ	170 UJ		92 U	84 UJ
nitrophenol	UG/KG	0	0%	200	0	0	86	180 UJ	350 UJ	170 R	200 R	420 UJ		220 UJ	200 UJ
nitrotoluene	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
nitrotoluene	UG/KG	0	0%	1000	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
bronaphthalene	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
rophenol	UG/KG	0	0%	800	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
hylnaphthalene	UG/KG	35	16%	36400	0	14	86	4.8 J	140 U	6.6 J	82 U	170 UJ		92 U	35 J
hylphenol	UG/KG	0	0%	100	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
oaniline	UG/KG	0	0%	430	0	0	86	180 U	350 U	170 U	200 U	420 UJ		220 U	200 U
ophenol	UG/KG	0	0%	330	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
chlorobenzidine	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
oaniline	UG/KG	0	0%	500	0	0	86	180 U	350 UJ	170 U	200 U	420 UJ		220 U	200 U
nitro-2-methylphenol	UG/KG	0	0%		0	0	86	180 U	350 U	170 UJ	200 UJ	420 UJ		220 U	200 U
nophenyl phenyl ether	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
ro-3-methylphenol	UG/KG	0	0%	240	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
roaniline	UG/KG	0	0%	220	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
rophenyl phenyl ether	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
hylphenol	UG/KG	0	0%	900	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
oaniline	UG/KG	0	0%		0	0	86	180 U	350 U	170 U	200 U	420 UJ		220 U	200 U
ophenol	UG/KG	0	0%	100	0	0	86	180 U	350 U	170 U	200 U	420 UJ		220 U	200 U

Seneca Army Depot Activity
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Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SB4-16 SOIL 43122 0 0.2 12/21/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-17 SOIL 43119 0 0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-18 SOIL 43080 0 0.2 12/15/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-19 SOIL 43083 0 0.2 12/15/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-25 SOIL 43174 0 0.2 12/22/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-25 SOIL 43196 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SB4-26 SOIL 43090 0 0.2 12/15/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-27 SOIL 43125 0 0.2 12/21/98 SA RI Phase 1 Ste N
aphthene	UG/KG	78	9%	50000	0	8	86	4 J	11 J	72 U	82 U	170 UJ		92 U	78 J
aphthylene	UG/KG	32	9%	41000	0	8	86	4.5 J	21 J	72 U	82 U	13 J		92 UJ	84 U
racene	UG/KG	110	17%	50000	0	15	86	11 J	54 J	72 U	82 U	26 J		92 U	100
o(a)anthracene	UG/KG	560	83%	224	5	71	86	81	[redacted]	14 J	21 J	180 J		13 J	190
o(a)pyrene	UG/KG	450	80%	61	11	69	86	[redacted]	370	14 J	44 J	[redacted] J		16 J	150
o(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	170	830 J	26 J	93	420 J		17 J	200
o(ghi)perylene	UG/KG	310	55%	50000	0	47	86	36 J	200	72 R	65 J	130 J		16 J	72 J
o(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	82	140 R	35 J	66 J	220 J		20 J	120
-Chloroethoxy)methane	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
-Chloroethyl)ether	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
-Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	74 U	140 U	72 U	72 U	60 J		92 U	84 U
benzylphthalate	UG/KG	12000	12%	50000	0	10	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
azole	UG/KG	120	22%		0	19	86	12 J	28 J	72 U	82 U	33 J		92 U	70 J
sene	UG/KG	570	86%	400	4	74	86	120	[redacted]	30 J	43 J	240 J		22 J	200
butylphthalate	UG/KG	220	44%	8100	0	38	86	11 J	140 U	72 U	82 U	68 J		12 J	4.7 J
octylphthalate	UG/KG	44	8%	50000	0	7	86	74 U	140 U	72 R	82 U	170 UJ		92 U	84 U
nz(a,h)anthracene	UG/KG	130	22%	14	12	19	86	74 U	[redacted] J	72 R	[redacted] J	[redacted] J		9.2 J	[redacted] J
nzofuran	UG/KG	58	16%	6200	0	14	86	5.8 J	140 U	6.6 J	82 U	170 UJ		92 U	58 J
yl phthalate	UG/KG	22	16%	7100	0	14	86	74 U	140 U	72 U	82 U	170 UJ		92 U	5.4 J
thylphthalate	UG/KG	0	0%	2000	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
anthene	UG/KG	1100	93%	50000	0	80	86	190	730	30 J	34 J	340 J		31 J	380
ene	UG/KG	74	6%	50000	0	5	86	74 U	140 U	72 U	82 U	10 J		92 U	74 J
chlorobenzene	UG/KG	0	0%	410	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
chlorobutadiene	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
chlorocyclopentadiene	UG/KG	0	0%		0	0	86	74 U	140 UJ	72 UJ	82 UJ	170 UJ		92 U	84 U
chloroethane	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
no(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	40 J	190	72 U	49 J	120 J		15 J	73 J
horone	UG/KG	0	0%	4400	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
rosodiphenylamine	UG/KG	19	1%		0	1	86	74 U	140 U	19 J	82 U	170 UJ		92 U	84 U
rosodipropylamine	UG/KG	0	0%		0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
thalene	UG/KG	74	13%	13000	0	11	86	3.9 J	140 U	5.7 J	82 U	170 UJ		92 U	74 J
benzene	UG/KG	0	0%	200	0	0	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
achlorophenol	UG/KG	0	0%	1000	0	0	86	180 U	350 U	170 U	200 U	420 UJ		220 U	200 U
anthrene	UG/KG	640	87%	50000	0	75	86	85	270	26 J	16 J	140 J		18 J	450
ol	UG/KG	17	2%	30	0	2	86	74 U	140 U	72 U	82 U	170 UJ		92 U	84 U
ne	UG/KG	990	88%	50000	0	76	86	140	570	25 J	32 J	280 J		23 J	300
LOSIVES															
-Trinitrobenzene	UG/KG	120	1%		0	1	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
Dinitrobenzene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
-Trinitrotoluene	UG/KG	72	1%		0	1	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
Dinitrotoluene	UG/KG	330	2%		0	2	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
rotoluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
ino-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
rotoluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
rotoluene	UG/KG	390	1%		0	1	79	120 U	120 U	390 J	120 UJ	120 U		120 U	120 U
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
benzene	UG/KG	0	0%	200	0	0	79	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 UJ	120 U		120 U	120 U
TICIDES/PCBs															
DDD	UG/KG	190	23%	2900	0	20	86	3.7 U	3.6 U	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
DDE	UG/KG	160	31%	2100	0	27	86	26	4.6	3.8	4.1 U	8.6 U		4.6 U	2.8 J
DDT	UG/KG	760	34%	2100	0	29	86	2.2 J	2.5 J	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
n	UG/KG	2.2	1%	41	0	1	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
a-BHC	UG/KG	2.4	6%	110	0	5	86	1.9 U	1.9 U	1.2 J	2.1 U	4.4 U		2.4 U	2.2 U
a-Chlordane	UG/KG	4.9	9%		0	8	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
lor-1016	UG/KG	0	0%		0	0	86	37 U	36 U	36 U	41 U	86 U		46 U	42 U
lor-1221	UG/KG	0	0%		0	0	86	75 U	74 U	73 U	84 U	180 U		93 U	86 U
lor-1232	UG/KG	0	0%		0	0	86	37 U	36 U	36 U	41 U	86 U		46 U	42 U
lor-1242	UG/KG	0	0%		0	0	86	37 U	36 U	36 U	41 U	86 U		46 U	42 U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SB4-16 SOIL 43122 0 0.2 12/21/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-17 SOIL 43119 0 0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-18 SOIL 43080 0 0.2 12/15/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-19 SOIL 43083 0 0.2 12/15/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-25 SOIL 43174 0 0.2 12/22/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-25 SOIL 43196 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SB4-26 SOIL 43090 0 0.2 12/15/98 SA RI Phase 1 Step 1 N	SEAD-4 SB4-27 SOIL 43125 0 0.2 12/21/98 SA RI Phase 1 Ste N
or-1248	UG/KG	0	0%		0	0	86	37 U	36 U	36 U	41 U	86 U		46 U	42 U
or-1254	UG/KG	310	26%	10000	0	22	86	37 U	36 U	36 U	41 U	110		46 U	42 U
or-1260	UG/KG	110	3%	10000	0	3	86	37 U	36 U	36 U	41 U	86 U		46 U	42 U
BHC	UG/KG	7.6	12%	200	0	10	86	3	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
BHC	UG/KG	0	0%	300	0	0	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
in	UG/KG	7.4	6%	44	0	5	86	3.7 U	3.6 U	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
ulfan I	UG/KG	1.7	5%	900	0	4	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
ulfan II	UG/KG	5.2	3%	900	0	3	86	3.7 U	3.6 U	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
ulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	3.7 U	3.6 U	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
n	UG/KG	27	3%	100	0	3	86	3.7 U	3.6 U	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
n aldehyde	UG/KG	20	12%		0	10	86	3.7 U	3.6 U	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
n ketone	UG/KG	4.2	3%		0	3	86	3.7 U	3.6 U	3.6 U	4.1 U	8.6 U		4.6 U	4.2 U
ne-BHC/Lindane	UG/KG	0	0%	60	0	0	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
ne-Chlordane	UG/KG	7.4	9%	540	0	8	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
chlor	UG/KG	4.2	3%	100	0	3	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
chlor epoxide	UG/KG	3.6	5%	20	0	4	86	1.9 U	1.9 U	1.8 U	2.1 U	4.4 U		2.4 U	2.2 U
oxychlor	UG/KG	0	0%		0	0	86	19 U	19 U	18 U	21 U	44 U		24 U	22 U
phene	UG/KG	0	0%		0	0	86	190 U	190 U	180 U	210 U	440 U		240 U	220 U
ICIDES															
T	UG/KG	0	0%	1900	0	0	7								
TP/Silvex	UG/KG	0	0%	700	0	0	7								
	UG/KG	0	0%	500	0	0	7								
B	UG/KG	0	0%		0	0	7								
on	UG/KG	0	0%		0	0	7								
ba	UG/KG	0	0%		0	0	7								
roprop	UG/KG	0	0%		0	0	7								
eb	UG/KG	0	0%		0	0	7								
	UG/KG	0	0%		0	0	7								
	UG/KG	0	0%		0	0	7								
LS															
num	MG/KG	18800	100%	19520	0	86	86	12700	6430	5860	11900	17300		12700	12600
ony	MG/KG	148	40%	6	15	34	86	0.72 R	0.67 UJ	0.64 UJ	0.65 UJ	146 J		0.76 UJ	1.1 J
ic	MG/KG	14.6	100%	8.9	4	86	86	3.7	3.2	3.1	4.6	14.6		4.2	4.1
n	MG/KG	278	100%	300	0	86	86	50.1	32.2 J	32.4 J	68.8	278		85.2	75.3
um	MG/KG	1.8	100%	1.13	1	86	86	0.54 J	0.3 J	0.33 J	0.42 J	0.63 J		0.6 J	0.53 J
lum	MG/KG	2.3	13%	2.46	0	11	86	0.09 U	0.04 U	0.04 U	0.04 U	0.1 U		0.05 U	0.12 U
m	MG/KG	196000	100%	125300	3	86	86	23300	123000	[illegible]	2130	17200		3180	8580
nium	MG/KG	18600	100%	30	37	86	86	23.7	12.8	12.6	15.7	13600 J		19.3	19.6
t	MG/KG	19.9	100%	30	0	86	86	13.2	7.4 J	6.1 J	8.9 J	11.6 J		7.5 J	9.9 J
er	MG/KG	7330	100%	33	30	86	86	32.1	18.4	18.6	13.5	7330		12.8	21.9
de	MG/KG	0.87	2%	0.35	2	2	86	0.67 U	0.61 U	0.65 U	0.65 U	1.6 U		0.69 U	0.76 U
	MG/KG	64600	100%	37410	2	86	86	27600	15500	13900	20100	34300 J		21400	24000
	MG/KG	11200	92%	24.4	36	79	86	[illegible] J	22.3	17.2	26.2	[illegible]		18.4	38.2 J
esium	MG/KG	35300	100%	21700	1	86	86	7330	9690	6080	2840	6810		3360	5190
anese	MG/KG	1540	100%	1100	3	86	86	395	339 J	252	531	340		323	429
ry	MG/KG	1.2	52%	0.1	16	45	86	0.06 J	0.05 UJ	0.05 UJ	0.06 UJ	1.3		0.07 UJ	0.07 J
	MG/KG	228	100%	50	1	86	86	42	24.2	23.2	17.3	47.4		20.6	27.9
sium	MG/KG	2340	100%	2623	0	86	86	1650	1150	1260	1200	2340 J		1430	1710
ium	MG/KG	3.4	23%	2	1	20	86	0.66 U	0.43 U	0.41 U	0.42 U	1.8 UJ		0.49 U	0.89 U
	MG/KG	1.7	6%	0.8	1	5	86	0.18 U	0.22 U	0.21 U	0.21 U	1.7 J		0.25 U	0.25 U
m	MG/KG	1270	34%	188	2	29	86	48 U	73 J	64.7 J	54.8 U	126 U		64.2 U	64.5 U
um	MG/KG	5.4	22%	0.855	16	19	86	0.57 U	0.77 UJ	0.74 U	7.5 U	5.4 J		0.88 U	0.76 U
lium	MG/KG	1250	100%	150	1	86	86	24.7	14.6	13	30.6	36.4		25.9	24.4
	MG/KG	2020	100%	115	29	86	86	85.7 J	56.6	56.4	65.2	3020 J		64.3	81.4 J
nium, Hexavalent	MG/KG	14.7	27%		0	4	15						12.1 U		

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SB4-28 SOIL 43128 0 0.2 12/21/98 SA RI Phase 1 Step 1	SEAD-4 SD4-6 SOIL 43187 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-1 SOIL SS4-1 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-10 SOIL 43004 0 0.2 12/1/98 SA RI Phase 1 Step 1	SEAD-4 SS4-10 SOIL 43197 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-11 SOIL 43005 0 0.2 12/1/98 SA RI Phase 1 Step 1	SEAD-4 SS4-12 SOIL 43006 0 0.2 12/1/98 SA RI Phase 1 Step 1	SEAD-4 SS4-12 SOIL 43190 0 0.2 7/11/99 SA HEX CHROME
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N
TILES															
Trichloroethane	UG/KG	0	0%	800	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
Trichloroethane	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
ichloroethane	UG/KG	2	2%	200	0	2	86	12 U		14 U	150 U		12 U	14 UJ	
ichloroethene	UG/KG	0	0%	400	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
ichloroethane	UG/KG	0	0%	100	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
ichloroethene (total)	UG/KG	4	3%		0	3	86	12 U		14 U	150 U		12 U	14 UJ	
ichloropropane	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
ne	UG/KG	140	31%	200	0	27	86	12 U		14 U	150 U		27	14 UJ	
ene	UG/KG	1	1%	60	0	1	86	12 U		14 U	150 U		12 U	14 UJ	
odichloromethane	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
oform	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
n disulfide	UG/KG	0	0%	2700	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
n tetrachloride	UG/KG	0	0%	600	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
obenzene	UG/KG	0	0%	1700	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
odibromomethane	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
oethane	UG/KG	0	0%	1900	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
oform	UG/KG	0	0%	300	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
3-Dichloropropene	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
benzene	UG/KG	0	0%	5500	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
l bromide	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
l butyl ketone	UG/KG	9	1%		0	1	86	12 U		14 U	150 U		12 U	14 UJ	
l chloride	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
l ethyl ketone	UG/KG	0	0%	300	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
l isobutyl ketone	UG/KG	0	0%	1000	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
lene chloride	UG/KG	3	1%	100	0	1	86	12 U		14 U	150 U		12 U	14 UJ	
ne	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
chloroethene	UG/KG	0	0%	1400	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
ne	UG/KG	14	29%	1500	0	25	86	12 U		14 U	150 U		12 U	3 J	
Xylenes	UG/KG	0	0%	1200	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
-1,3-Dichloropropene	UG/KG	0	0%		0	0	86	12 U		14 U	150 U		12 U	14 UJ	
oroethene	UG/KG	3	3%	700	0	3	86	12 U		14 U	150 U		12 U	14 UJ	
chloride	UG/KG	0	0%	200	0	0	86	12 U		14 U	150 U		12 U	14 UJ	
VOLATILES															
Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
ichlorobenzene	UG/KG	0	0%	7900	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
ichlorobenzene	UG/KG	0	0%	1600	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
ichlorobenzene	UG/KG	0	0%	8500	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	7			400 U					
Trichlorophenol	UG/KG	0	0%	100	0	0	86	190 U		980 U	190 U		190 U	330 UJ	
Trichlorophenol	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
ichlorophenol	UG/KG	0	0%	400	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
imethylphenol	UG/KG	0	0%		0	0	86	77 UJ		400 U	78 UJ		80 UJ	140 UJ	
initrophenol	UG/KG	0	0%	200	0	0	86	190 UJ		980 U	190 UJ		190 UJ	330 UJ	
initrotoluene	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
initrotoluene	UG/KG	0	0%	1000	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
oronaphthalene	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
orophenol	UG/KG	0	0%	800	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
hylnaphthalene	UG/KG	35	16%	36400	0	14	86	5.2 J		400 U	78 U		80 U	140 UJ	
hylphenol	UG/KG	0	0%	100	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
oaniline	UG/KG	0	0%	430	0	0	86	190 U		980 U	190 U		190 U	330 UJ	
ophenol	UG/KG	0	0%	330	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
ichlorobenzidine	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
oaniline	UG/KG	0	0%	500	0	0	86	190 U		980 U	190 UJ		190 UJ	330 UJ	
initro-2-methylphenol	UG/KG	0	0%		0	0	86	190 U		980 U	190 UJ		190 UJ	330 UJ	
nophenyl phenyl ether	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
oro-3-methylphenol	UG/KG	0	0%	240	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
oroaniline	UG/KG	0	0%	220	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
orophenyl phenyl ether	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
hylphenol	UG/KG	0	0%	900	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
oaniline	UG/KG	0	0%		0	0	86	190 U		980 U	190 U		190 U	330 UJ	
ophenol	UG/KG	0	0%	100	0	0	86	190 U		980 U	190 U		190 U	330 UJ	

Seneca Army Depot Activity
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Surface Soil Sample Results

								SEAD-4 SB4-28 SOIL 43128 0 0.2 12/21/98 SA RI Phase 1 Step 1	SEAD-4 SD4 6 SOIL 43187 0 0.2 7/11/99 SA HEX CHROME	SEAD 4 SS4-1 SOIL SS4-1 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-10 SOIL 43004 0 0.2 12/1/98 SA RI Phase 1 Step 1	SEAD-4 SS4 10 SOIL 43197 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-11 SOIL 43005 0 0.2 12/1/98 SA RI Phase 1 Step 1	SEAD-4 SS4-12 SOIL 43006 0 0.2 12/1/98 SA RI Phase 1 Step 1	SEAD-4 SS4-12 SOIL 43190 0 0.2 7/11/99 SA HEX CHROME
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N
hthene	UG/KG	78	9%	50000	0	8	86	77 U		400 U	78 U		80 U	140 UJ	
hthylene	UG/KG	32	9%	41000	0	8	86	77 U		400 U	78 U		80 U	140 UJ	
ene	UG/KG	110	17%	50000	0	15	86	77 U		25 J	78 U		80 U	140 UJ	
a)anthracene	UG/KG	560	83%	224	5	71	86	35 J		110 J	8.4 J		17 J	29 J	
a)pyrene	UG/KG	450	80%	61	11	69	86	32 J		100 J	10 J		21 J	43 J	
b)fluoranthene	UG/KG	890	80%	1100	0	69	86	120		150 J	15 J		26 J	51 J	
ghi)perylene	UG/KG	310	55%	50000	0	47	86	17 J		66 J	9.9 J		20 J	38 J	
k)fluoranthene	UG/KG	510	50%	1100	0	43	86	77 U		65 J	10 J		22 J	42 J	
hloroethoxy)methane	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
hloroethyl)ether	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
hloroisopropyl)ether	UG/KG	0	0%		0	0	79	77 U			78 U		80 U	140 UJ	
thylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	77 U		45 J	78 UJ		80 UJ	140 UJ	
nzylphthalate	UG/KG	12000	12%	50000	0	10	86	77 U		400 U	78 UJ		80 UJ	140 UJ	
ole	UG/KG	120	22%		0	19	86	77 U		400 U	78 U		5.3 J	11 J	
ne	UG/KG	570	86%	400	4	74	86	63 J		140 J	13 J		24 J	43 J	
ylphthalate	UG/KG	220	44%	8100	0	38	86	8.6 J		85 J	78 UJ		80 UJ	140 UJ	
ylphthalate	UG/KG	44	8%	50000	0	7	86	77 U		400 U	78 UJ		80 UJ	140 UJ	
a,h)anthracene	UG/KG	130	22%	14	12	19	86	77 U		400 U	78 U		80 U	140 UJ	
ofuran	UG/KG	58	16%	6200	0	14	86	77 U		400 U	78 U		80 U	140 UJ	
phthalate	UG/KG	22	16%	7100	0	14	86	77 U		400 U	78 U		80 U	140 UJ	
ylphthalate	UG/KG	0	0%	2000	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
thene	UG/KG	1100	93%	50000	0	80	86	86		230 J	25 J		40 J	77 J	
e	UG/KG	74	6%	50000	0	5	86	77 U		400 U	78 U		80 U	140 UJ	
lorobenzene	UG/KG	0	0%	410	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
lorobutadiene	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
lorocyclopentadiene	UG/KG	0	0%		0	0	86	77 U		400 U	78 UJ		80 UJ	140 UJ	
loroethane	UG/KG	0	0%		0	0	86	77 U		400 U	78 UJ		80 UJ	140 UJ	
1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	14 J		75 J	10 J		20 J	37 J	
one	UG/KG	0	0%	4400	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
odiphenylamine	UG/KG	19	1%		0	1	86	77 U		400 U	78 U		80 U	140 UJ	
odipropylamine	UG/KG	0	0%		0	0	86	77 U		400 U	78 U		80 U	140 UJ	
alene	UG/KG	74	13%	13000	0	11	86	77 U		400 U	78 U		80 U	140 UJ	
nzene	UG/KG	0	0%	200	0	0	86	77 U		400 U	78 U		80 U	140 UJ	
lorophenol	UG/KG	0	0%	1000	0	0	86	190 U		980 U	190 U		190 U	330 UJ	
threne	UG/KG	640	87%	50000	0	75	86	38 J		110 J	9.8 J		13 J	23 J	
	UG/KG	17	2%	30	0	2	86	77 U		400 U	78 U		7.1 J	140 UJ	
	UG/KG	990	88%	50000	0	76	86	64 J		210 J	15 J		34 J	61 J	
SIVES															
initrobenzene	UG/KG	120	1%		0	1	86	120 U		120 J	120 U		120 U	120 UJ	
trobenzene	UG/KG	0	0%		0	0	86	120 U		130 U	120 U		120 U	120 UJ	
initrotoluene	UG/KG	72	1%		0	1	86	120 U		72 J	120 U		120 U	120 UJ	
trotoluene	UG/KG	330	2%		0	2	86	120 U		130 U	120 U		120 U	120 UJ	
trotoluene	UG/KG	0	0%	1000	0	0	86	120 U		130 U	120 U		120 U	120 UJ	
oluene	UG/KG	0	0%		0	0	79	120 U			120 U		120 U	120 UJ	
-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	120 U		90 J	120 U		120 U	120 UJ	
oluene	UG/KG	0	0%		0	0	79	120 U			120 U		120 U	120 UJ	
oluene	UG/KG	390	1%		0	1	79	120 U			120 U		120 U	120 UJ	
-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	120 U		130 U	120 U		120 U	120 UJ	
	UG/KG	0	0%		0	0	86	120 U		130 U	120 U		120 U	120 UJ	
nzene	UG/KG	0	0%	200	0	0	79	120 U			120 U		120 U	120 UJ	
	UG/KG	0	0%		0	0	86	120 U		130 U	120 U		120 U	120 UJ	
	UG/KG	0	0%		0	0	86	120 U		130 U	120 U		120 U	120 UJ	
IDES/PCBs															
D	UG/KG	190	23%	2900	0	20	86	3.9 U		2.5 J	12		4 U	6.9 UJ	
E	UG/KG	160	31%	2100	0	27	86	9.5		8.5 J	3.9 U		4 U	6.9 UJ	
T	UG/KG	760	34%	2100	0	29	86	3.2 J		6.2 J	2.4 J		4 U	6.9 UJ	
	UG/KG	2.2	1%	41	0	1	86	2 U		2.2 J	2 U		2 U	3.5 UJ	
HC	UG/KG	2.4	6%	110	0	5	86	2 U		2.1 U	2 U		2 U	3.5 UJ	
hlordane	UG/KG	4.9	9%		0	8	86	2 U		4.9 J	2 U		2 U	3.5 UJ	
1016	UG/KG	0	0%		0	0	86	39 U		40 U	39 U		40 U	69 UJ	
1221	UG/KG	0	0%		0	0	86	79 U		82 U	80 U		81 U	140 UJ	
1232	UG/KG	0	0%		0	0	86	39 U		40 U	39 U		40 U	69 UJ	
1242	UG/KG	0	0%		0	0	86	39 U		40 U	39 U		40 U	69 UJ	

Seneca Army Depot Activity
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Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SB4-28 SOIL 43128 0 0.2 12/21/98 SA RI Phase 1 Step 1 N	SEAD-4 SD4-6 SOIL 43187 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-1 SOIL SS4-1 0 0.5 12/13/93 SA ESI N	SEAD-4 SS4-10 SOIL 43004 0 0.2 12/1/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-10 SOIL 43197 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-11 SOIL 43005 0 0.2 12/1/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-12 SOIL 43006 0 0.2 12/1/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-12 SOIL 43190 0 0.2 7/11/99 SA HEX CHROME N
r-1248	UG/KG	0	0%		0	0	86	39 U		40 U	39 U		40 U	69 UJ	
r-1254	UG/KG	310	26%	10000	0	22	86	24 J		250 J	16 J		40 U	69 UJ	
r-1260	UG/KG	110	3%	10000	0	3	86	39 U		40 U	39 U		40 U	69 UJ	
BHC	UG/KG	7.6	12%	200	0	10	86	2.8 J		2.1 U	2 U		2 U	3.5 UJ	
BHC	UG/KG	0	0%	300	0	0	86	2 U		2.1 U	2 U		2 U	3.5 UJ	
in	UG/KG	7.4	6%	44	0	5	86	3.9 U		4 U	3.9 U		4 U	6.9 UJ	
ulfan I	UG/KG	1.7	5%	900	0	4	86	2 U		2.1 U	1.7 J		2 U	3.5 UJ	
ulfan II	UG/KG	5.2	3%	900	0	3	86	3.9 U		3.1 J	3.9 U		4 U	6.9 UJ	
ulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	3.9 U		3.8 J	3.9 U		4 U	6.9 UJ	
	UG/KG	27	3%	100	0	3	86	3.9 U		4 U	3.9 U		4 U	6.9 UJ	
aldehyde	UG/KG	20	12%		0	10	86	3.9 U		4 U	3.9 U		4 U	6.9 UJ	
ketone	UG/KG	4.2	3%		0	3	86	3.9 U		4 U	3.9 U		4 U	6.9 UJ	
na-BHC/Lindane	UG/KG	0	0%	60	0	0	86	2 U		2.1 U	2 U		2 U	3.5 UJ	
na-Chlordane	UG/KG	7.4	9%	540	0	8	86	2 U		1.1 J	2 U		2 U	3.5 UJ	
chlor	UG/KG	4.2	3%	100	0	3	86	2 U		2.1 U	2 U		2 U	3.5 UJ	
chlor epoxide	UG/KG	3.6	5%	20	0	4	86	2 U		2.1 U	2 U		2 U	3.5 UJ	
xychlor	UG/KG	0	0%		0	0	86	20 U		21 U	20 U		20 U	35 UJ	
hene	UG/KG	0	0%		0	0	86	200 U		210 U	200 U		200 U	350 UJ	
ICIDES															
T	UG/KG	0	0%	1900	0	0	7			6.1 U					
TP/Silvex	UG/KG	0	0%	700	0	0	7			6.1 U					
	UG/KG	0	0%	500	0	0	7			61 U					
B	UG/KG	0	0%		0	0	7			61 U					
on	UG/KG	0	0%		0	0	7			150 U					
ba	UG/KG	0	0%		0	0	7			6.1 U					
roprop	UG/KG	0	0%		0	0	7			61 U					
eb	UG/KG	0	0%		0	0	7			31 U					
A	UG/KG	0	0%		0	0	7			6100 U					
	UG/KG	0	0%		0	0	7			6100 U					
LS															
num	MG/KG	18800	100%	19520	0	86	86	12100		15600	12000 J		11900 J	10800 J	
ony	MG/KG	148	40%	6	15	34	86	1.1 J		3.9 UJ	[redacted] J		2.3 J	[redacted] J	
ic	MG/KG	14.6	100%	8.9	4	86	86	3		5.9	5		5.2	3.8 J	
n	MG/KG	278	100%	300	0	86	86	53.1		62	84.3 J		64 J	125 J	
um	MG/KG	1.8	100%	1.13	1	86	86	0.5 J		0.69 J	0.27 J		0.43 J	0.23 J	
ium	MG/KG	2.3	13%	2.46	0	11	86	0.1 U		0.38 U	0.04 U		0.04 U	0.08 UJ	
m	MG/KG	196000	100%	125300	3	86	86	18400		14300	5640 J		3480 J	12200 J	
nium	MG/KG	18600	100%	30	37	86	86	22.6		25.3 J	[redacted] J		[redacted] J	[redacted] J	
t	MG/KG	19.9	100%	30	0	86	86	13.2		12.7	11.2		11.5	10.1 J	
er	MG/KG	7330	100%	33	30	86	86	30.3		20 J	[redacted] J		[redacted] J	[redacted] J	
de	MG/KG	0.87	2%	0.35	2	2	86	0.7 U		0.55 U	0.69 U		0.69 U	1.3 UJ	
	MG/KG	64600	100%	37410	2	86	86	26600		29800	25700 J		25400 J	21500 J	
	MG/KG	11200	92%	24.4	36	75	86	[redacted] J		23.7 R	23.1 J		18.1 J	[redacted] J	
esium	MG/KG	35300	100%	21700	1	86	86	6360		6850	4700 J		4210 J	4170 J	
anese	MG/KG	1540	100%	1100	3	86	86	420		708	850 J		568 J	833 J	
ry	MG/KG	1.2	52%	0.1	16	45	86	0.06 J		0.02 J	[redacted] J		[redacted] J	[redacted] J	
	MG/KG	228	100%	50	1	86	86	42.6		36.8	28.3 J		27 J	30.6 J	
sium	MG/KG	2340	100%	2623	0	86	86	1460		1650	1160		1160	1410 J	
ium	MG/KG	3.4	23%	2	1	20	86	0.7 U		0.27 J	0.8 U		0.72 U	1.4 UJ	
	MG/KG	1.7	6%	0.8	1	5	86	0.19 U		0.76 U	0.22 U		0.2 U	0.65 J	
m	MG/KG	1270	34%	188	2	29	86	50.6 U		61.8 J	108 J		52.1 U	133 J	
um	MG/KG	5.4	22%	0.855	16	19	86	0.6 U		0.21 U	0.8 U		[redacted] J	[redacted] J	
dium	MG/KG	1250	100%	150	1	86	86	20.8		22.9	19.8 J		18.8 J	20.4 J	
	MG/KG	2020	100%	115	29	86	86	81.1 J		65.9	[redacted] J		[redacted] J	[redacted] J	
nium, Hexavalent	MG/KG	14.7	27%		0	4	15		13.4 U			7.4			11.1

Seneca Army Depot Activity
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Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	SEAD-4 SS4-13 SOIL 43200 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-14 SOIL 43008 0 0.2 12/2/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-18 SOIL 43012 0 0.2 12/2/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-18 SOIL 43186 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-19 SOIL 43013 0 0.2 12/2/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-2 SOIL SS4-2 0 0.5 12/13/93 SA ESI N	SEAD-4 SS4-29 SOIL 43023 0 0.2 12/2/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-3 SOIL 4320 0 7/11/9 SA HEX CHI N
TILES																
Trichloroethane	UG/KG	0	0%	800	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	UJ		14 UJ	16 UJ		14 UJ	12 U	14 UJ	
Trichloroethane	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
chloroethane	UG/KG	2	2%	200	0	2	86	UJ		14 U	16 U		14 U	12 U	14 U	
chloroethene	UG/KG	0	0%	400	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
chloroethane	UG/KG	0	0%	100	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
chloroethene (total)	UG/KG	4	3%		0	3	86	UJ		14 U	16 U		14 U	12 U	14 U	
chloropropane	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
ne	UG/KG	140	31%	200	0	27	86	UJ		14	16 U		14 U	12 U	14 U	
ne	UG/KG	1	1%	60	0	1	86	UJ		14 U	16 U		14 U	12 U	14 U	
dichloromethane	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
oform	UG/KG	0	0%		0	0	86	UJ		14 UJ	16 UJ		14 UJ	12 U	14 UJ	
n disulfide	UG/KG	0	0%	2700	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
n tetrachloride	UG/KG	0	0%	600	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
benzene	UG/KG	0	0%	1700	0	0	86	UJ		14 UJ	16 UJ		14 UJ	12 U	14 UJ	
dibromomethane	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
ethane	UG/KG	0	0%	1900	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
oform	UG/KG	0	0%	300	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
3-Dichloropropene	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
benzene	UG/KG	0	0%	5500	0	0	86	UJ		14 UJ	16 UJ		14 UJ	12 U	14 UJ	
l bromide	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
l butyl ketone	UG/KG	9	1%		0	1	86	UJ		14 U	16 U		14 U	12 U	14 U	
l chloride	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
l ethyl ketone	UG/KG	0	0%	300	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
l isobutyl ketone	UG/KG	0	0%	1000	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
lene chloride	UG/KG	3	1%	100	0	1	86	UJ		14 U	16 U		14 U	12 U	14 U	
ne	UG/KG	0	0%		0	0	86	UJ		14 UJ	16 UJ		14 UJ	12 U	14 UJ	
chloroethene	UG/KG	0	0%	1400	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
ne	UG/KG	14	29%	1500	0	25	86	UJ		6 J	16 U		14 J	12 U	14 U	
Xylenes	UG/KG	0	0%	1200	0	0	86	UJ		14 UJ	16 UJ		14 UJ	12 U	14 UJ	
-1,3-Dichloropropene	UG/KG	0	0%		0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
oroethene	UG/KG	3	3%	700	0	3	86	UJ		14 U	16 U		14 U	12 U	14 U	
chloride	UG/KG	0	0%	200	0	0	86	UJ		14 U	16 U		14 U	12 U	14 U	
VOLATILES																
Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
chlorobenzene	UG/KG	0	0%	7900	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
chlorobenzene	UG/KG	0	0%	1600	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
chlorobenzene	UG/KG	0	0%	8500	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	7							400 U		
Trichlorophenol	UG/KG	0	0%	100	0	0	86	UJ		220 U	290 U		220 U	960 U	220 U	
Trichlorophenol	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
chlorophenol	UG/KG	0	0%	400	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
methylphenol	UG/KG	0	0%		0	0	86	UJ		89 UJ	120 UJ		92 UJ	400 U	90 U	
nitrophenol	UG/KG	0	0%	200	0	0	86	UJ		220 UJ	290 UJ		220 UJ	960 U	220 UJ	
nitrotoluene	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
nitrotoluene	UG/KG	0	0%	1000	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
pronaphthalene	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
prophenol	UG/KG	0	0%	800	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
hylnaphthalene	UG/KG	35	16%	36400	0	14	86	UJ		89 U	120 U		92 U	400 U	90 U	
hylphenol	UG/KG	0	0%	100	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
oaniline	UG/KG	0	0%	430	0	0	86	UJ		220 U	290 U		220 U	960 U	220 U	
ophenol	UG/KG	0	0%	330	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
ichlorobenzidine	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
oaniline	UG/KG	0	0%	500	0	0	86	UJ		220 UJ	290 UJ		220 U	960 U	220 UJ	
nitro-2-methylphenol	UG/KG	0	0%		0	0	86	UJ		220 UJ	290 UJ		220 U	960 U	220 UJ	
mophenyl phenyl ether	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
oro-3-methylphenol	UG/KG	0	0%	240	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
oroaniline	UG/KG	0	0%	220	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
orophenyl phenyl ether	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
hylphenol	UG/KG	0	0%	900	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
oaniline	UG/KG	0	0%		0	0	86	UJ		220 U	290 U		220 U	960 U	220 U	
ophenol	UG/KG	0	0%	100	0	0	86	UJ		220 U	290 U		220 U	960 U	220 U	

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									SEAD-4 SS4-13 SOIL 43200 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-14 SOIL 43008 0 0.2 12/2/98 SA RI Phase 1 Step 1	SEAD-4 SS4-18 SOIL 43012 0 0.2 12/2/98 SA RI Phase 1 Step 1	SEAD-4 SS4-18 SOIL 43186 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-19 SOIL 43013 0 0.2 12/2/98 SA RI Phase 1 Step 1	SEAD-4 SS4-2 SOIL SS4-2 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-29 SOIL 43023 0 0.2 12/2/98 SA RI Phase 1 Step 1	SEAD-4 SS4-3 SOIL 432 0 7/11/ SA HEX CH
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	N	N	N	N	N	N	N	N
aphthene	UG/KG	78	9%	50000	0	8	86	UJ		89 U	120 U		92 U	400 U	90 U	
aphthylene	UG/KG	32	9%	41000	0	8	86	UJ		89 U	120 U		92 U	400 U	90 U	
racene	UG/KG	110	17%	50000	0	15	86	UJ		89 U	120 U		92 U	400 U	90 U	
zo(a)anthracene	UG/KG	560	83%	224	5	71	86	J		6.9 J	16 J		92 U	400 U	9.8 J	
zo(a)pyrene	UG/KG	450	80%	61	11	69	86	J		8.8 J	20 J		92 U	400 U	10 J	
zo(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	J		9 J	25 J		92 U	400 U	12 J	
zo(ghi)perylene	UG/KG	310	55%	50000	0	47	86	J		7.7 J	120 U		92 U	400 U	11 J	
zo(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	J		8.1 J	20 J		92 U	400 U	11 J	
2-Chloroethoxy)methane	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
2-Chloroethyl)ether	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	UJ		89 U	120 U		92 U		90 U	
2-Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	UJ		89 UJ	120 UJ		92 U	400 U	26 J	
lbenzylphthalate	UG/KG	12000	12%	50000	0	10	86	UJ		89 UJ	120 UJ		92 U	400 U	90 UJ	
azole	UG/KG	120	22%		0	19	86	J		89 U	6.5 J		92 U	400 U	90 U	
sene	UG/KG	570	86%	400	4	74	86	J		9.4 J	24 J		6.1 J	400 U	14 J	
butylphthalate	UG/KG	220	44%	8100	0	38	86	UJ		89 UJ	120 UJ		92 U	400 U	5 J	
octylphthalate	UG/KG	44	8%	50000	0	7	86	UJ		89 UJ	120 UJ		92 U	400 U	90 UJ	
nz(a,h)anthracene	UG/KG	130	22%	14	12	19	86	UJ		89 U	120 U		92 U	400 U	90 U	
nzofuran	UG/KG	58	16%	6200	0	14	86	UJ		89 U	120 U		92 U	400 U	90 U	
yl phthalate	UG/KG	22	16%	7100	0	14	86	UJ		89 U	120 U		92 U	400 U	90 U	
ethylphthalate	UG/KG	0	0%	2000	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
ranthene	UG/KG	1100	93%	50000	0	80	86	J		17 J	46 J		10 J	18 J	25 J	
rene	UG/KG	74	6%	50000	0	5	86	UJ		89 U	120 U		92 U	400 U	90 U	
achlorobenzene	UG/KG	0	0%	410	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
achlorobutadiene	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
achlorocyclopentadiene	UG/KG	0	0%		0	0	86	UJ		89 UJ	120 UJ		92 U	400 U	90 UJ	
achloroethane	UG/KG	0	0%		0	0	86	UJ		89 UJ	120 UJ		92 UJ	400 U	90 U	
no(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	J		6.5 J	120 U		92 U	400 U	10 J	
horone	UG/KG	0	0%	4400	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
trosodiphenylamine	UG/KG	19	1%		0	1	86	UJ		89 U	120 U		92 U	400 U	90 U	
trosodipropylamine	UG/KG	0	0%		0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
nthalene	UG/KG	74	13%	13000	0	11	86	UJ		89 U	120 U		92 U	400 U	90 U	
benzene	UG/KG	0	0%	200	0	0	86	UJ		89 U	120 U		92 U	400 U	90 U	
achlorophenol	UG/KG	0	0%	1000	0	0	86	UJ		220 U	290 UJ		220 U	960 U	220 UJ	
anthrene	UG/KG	640	87%	50000	0	75	86	J		11 J	24 J		5.9 J	400 U	13 J	
ol	UG/KG	17	2%	30	0	2	86	UJ		89 U	120 U		92 U	400 U	90 U	
ne	UG/KG	990	88%	50000	0	76	86	J		15 J	38 J		7.8 J	400 U	18 J	
LOSIVES																
-Trinitrobenzene	UG/KG	120	1%		0	1	86	UJ		120 U	120 U		120 U	130 U	120 U	
Dinitrobenzene	UG/KG	0	0%		0	0	86	UJ		120 U	120 U		120 U	130 U	120 U	
-Trinitrotoluene	UG/KG	72	1%		0	1	86	UJ		120 U	120 U		120 U	130 U	120 U	
Dinitrotoluene	UG/KG	330	2%		0	2	86	UJ		120 U	120 U		120 U	130 U	120 U	
Dinitrotoluene	UG/KG	0	0%	1000	0	0	86	UJ		120 U	120 U		120 U	130 U	120 U	
rotoluene	UG/KG	0	0%		0	0	79	UJ		120 U	120 U		120 U		120 U	
ino-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	UJ		120 U	120 U		120 U	130 U	120 U	
rotoluene	UG/KG	0	0%		0	0	79	UJ		120 U	120 U		120 U		120 U	
rotoluene	UG/KG	390	1%		0	1	79	UJ		120 U	120 U		120 U		120 U	
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	UJ		120 U	120 U		120 U	130 U	120 U	
	UG/KG	0	0%		0	0	86	UJ		120 U	120 U		120 U	130 U	120 U	
benzene	UG/KG	0	0%	200	0	0	79	UJ		120 U	120 U		120 U		120 U	
	UG/KG	0	0%		0	0	86	UJ		120 U	120 U		120 U	130 U	120 U	
l	UG/KG	0	0%		0	0	86	UJ		120 U	120 U		120 U	130 U	120 U	
TICIDES/PCBs																
DD	UG/KG	190	23%	2900	0	20	86	UJ		4.4 U	7		7	4 U	4.6 U	
DE	UG/KG	160	31%	2100	0	27	86	J		4.4 U	6 U		4.6 U	4 U	4.6 U	
DT	UG/KG	760	34%	2100	0	29	86	UJ		4.4 U	6 U		4.6 U	4 U	4.6 U	
n	UG/KG	2.2	1%	41	0	1	86	UJ		2.3 U	3.1 U		2.4 U	2 U	2.3 U	
a-BHC	UG/KG	2.4	6%	110	0	5	86	UJ		2.3 U	3.1 U		2.4 U	2 U	2.3 U	
a-Chlordane	UG/KG	4.9	9%		0	8	86	UJ		2.3 U	3.1 U		1.7 J	2 U	2.3 U	
lor-1016	UG/KG	0	0%		0	0	86	UJ		44 U	60 U		46 U	40 U	46 U	
lor-1221	UG/KG	0	0%		0	0	86	UJ		90 U	120 U		93 U	81 U	91 U	
lor-1232	UG/KG	0	0%		0	0	86	UJ		44 U	60 U		46 U	40 U	46 U	
lor-1242	UG/KG	0	0%		0	0	86	UJ		44 U	60 U		46 U	40 U	46 U	

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

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	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SS4-3 SOIL SS4-3 0 0.5 12/13/93 SA ESI N	SEAD-4 SS4-35 SOIL 43029 0 0.2 12/3/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-36 SOIL 43030 0 0.2 12/3/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-38 SOIL 43032 0 0.2 12/3/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-4 SOIL 43181 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-4 SOIL SS4-4 0 0.5 12/13/93 SA ESI N	SEAD-4 SS4-42 SOIL 43036 0 0.2 12/3/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-42 SOIL 43198 0 0.2 7/11/99 SA HEX CHROME N
ILES															
richloroethane	UG/KG	0	0%	800	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	13 U	12 U	14 UJ	14 U		14 U	15 UJ	
richloroethane	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
hloroethane	UG/KG	2	2%	200	0	2	86	13 U	12 U	14 U	14 U		14 U	15 U	
hloroethene	UG/KG	0	0%	400	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
hloroethane	UG/KG	0	0%	100	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
hloroethene (total)	UG/KG	4	3%		0	3	86	13 U	12 U	14 U	14 U		14 U	15 U	
hloropropane	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
e	UG/KG	140	31%	200	0	27	86	13 U	6 J	14 U	8 J		14 U	15 U	
ne	UG/KG	1	1%	60	0	1	86	13 U	12 U	14 U	14 U		14 U	15 U	
dichloromethane	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
orm	UG/KG	0	0%		0	0	86	13 U	12 U	14 UJ	14 U		14 U	15 UJ	
disulfide	UG/KG	0	0%	2700	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
tetrachloride	UG/KG	0	0%	600	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
enzene	UG/KG	0	0%	1700	0	0	86	13 U	12 U	14 UJ	14 U		14 U	15 UJ	
ibromomethane	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
thane	UG/KG	0	0%	1900	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
orm	UG/KG	0	0%	300	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
-Dichloropropene	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
enzene	UG/KG	0	0%	5500	0	0	86	13 U	12 U	14 UJ	14 U		14 U	15 UJ	
bromide	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
butyl ketone	UG/KG	9	1%		0	1	86	13 U	12 U	14 U	14 U		14 U	15 U	
chloride	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
ethyl ketone	UG/KG	0	0%	300	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
isobutyl ketone	UG/KG	0	0%	1000	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
ene chloride	UG/KG	3	1%	100	0	1	86	13 U	12 U	14 U	14 U		14 U	15 U	
	UG/KG	0	0%		0	0	86	13 U	12 U	14 UJ	14 U		14 U	15 UJ	
loroethene	UG/KG	0	0%	1400	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
e	UG/KG	14	29%	1500	0	25	86	13 U	12 U	4 J	14 U		14 U	15 U	
ylenes	UG/KG	0	0%	1200	0	0	86	13 U	12 U	14 UJ	14 U		14 U	15 UJ	
,3-Dichloropropene	UG/KG	0	0%		0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
oethene	UG/KG	3	3%	700	0	3	86	13 U	12 U	14 U	14 U		14 U	15 U	
loride	UG/KG	0	0%	200	0	0	86	13 U	12 U	14 U	14 U		14 U	15 U	
OLATILES															
richlorobenzene	UG/KG	0	0%	3400	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hlorobenzene	UG/KG	0	0%	7900	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hlorobenzene	UG/KG	0	0%	1600	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hlorobenzene	UG/KG	0	0%	8500	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
bis(1-Chloropropane)	UG/KG	0	0%		0	0	7	410 U					410 U		
richlorophenol	UG/KG	0	0%	100	0	0	86	1000 U	200 U	220 U	210 U		1000 U	240 UJ	
richlorophenol	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hlorophenol	UG/KG	0	0%	400	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
ethylphenol	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
itrophenol	UG/KG	0	0%	200	0	0	86	1000 U	200 UJ	220 UJ	210 UJ		1000 U	240 UJ	
itrotoluene	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
itrotoluene	UG/KG	0	0%	1000	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
onaphthalene	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
ophenol	UG/KG	0	0%	800	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
ylnaphthalene	UG/KG	35	16%	36400	0	14	86	410 U	82 U	90 U	88 U		410 U	97 U	
ylphenol	UG/KG	0	0%	100	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
aniline	UG/KG	0	0%	430	0	0	86	1000 U	200 U	220 U	210 U		1000 U	240 U	
phenol	UG/KG	0	0%	330	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hlorobenzidine	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
aniline	UG/KG	0	0%	500	0	0	86	1000 U	200 UJ	220 UJ	210 UJ		1000 U	240 UJ	
tro-2-methylphenol	UG/KG	0	0%		0	0	86	1000 U	200 UJ	220 UJ	210 UJ		1000 U	240 UJ	
ophenyl phenyl ether	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
o-3-methylphenol	UG/KG	0	0%	240	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
oaniline	UG/KG	0	0%	220	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
ophenyl phenyl ether	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
ylphenol	UG/KG	0	0%	900	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
aniline	UG/KG	0	0%		0	0	86	1000 U	200 U	220 U	210 U		1000 U	240 U	
phenol	UG/KG	0	0%	100	0	0	86	1000 U	200 U	220 U	210 U		1000 U	240 U	

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								SEAD-4 SS4-3 SOIL SS4-3 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-35 SOIL 43029 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-36 SOIL 43030 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-38 SOIL 43032 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-4 SOIL 43181 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-4 SOIL SS4-4 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-42 SOIL 43036 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-42 SOIL 43198 0 0.2 7/11/99 SA HEX CHROME
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N
nthene	UG/KG	78	9%	50000	0	8	86	410 U	82 U	90 U	88 U		410 U	97 U	
nthylene	UG/KG	32	9%	41000	0	8	86	410 U	82 U	90 U	88 U		410 U	97 U	
ene	UG/KG	110	17%	50000	0	15	86	410 U	82 U	90 U	88 U		410 U	97 U	
)anthracene	UG/KG	560	83%	224	5	71	86	410 U	7.3 J	21 J	13 J		410 U	19 J	
)pyrene	UG/KG	450	80%	61	11	69	86	410 U	7.8 J	24 J	15 J		410 U	22 J	
)fluoranthene	UG/KG	890	80%	1100	0	69	86	410 U	9.6 J	21 J	17 J		24 J	28 J	
hi)perylene	UG/KG	310	55%	50000	0	47	86	410 U	6.8 J	19 J	13 J		410 U	18 J	
)fluoranthene	UG/KG	510	50%	1100	0	43	86	410 U	7.5 J	24 J	13 J		410 U	23 J	
hloroethoxy)methane	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hloroethyl)ether	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hloroisopropyl)ether	UG/KG	0	0%		0	0	79		82 U	90 U	88 U			97 U	
hylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	410 U	31 J	90 UJ	24 J		23 J	31 J	
nzylphthalate	UG/KG	12000	12%	50000	0	10	86	410 U	82 UJ	90 UJ	88 UJ		410 U	97 UJ	
ole	UG/KG	120	22%		0	19	86	410 U	82 U	90 U	88 U		410 U	97 U	
ne	UG/KG	570	86%	400	4	74	86	410 U	9.3 J	28 J	17 J		410 U	28 J	
ylphthalate	UG/KG	220	44%	8100	0	38	86	410 U	5.2 J	90 UJ	5.4 J		410 U	97 UJ	
ylphthalate	UG/KG	44	8%	50000	0	7	86	410 U	82 UJ	90 UJ	88 UJ		410 U	97 UJ	
a,h)anthracene	UG/KG	130	22%	14	12	19	86	410 U	82 U	90 U	88 U		410 U	97 U	
furan	UG/KG	58	16%	6200	0	14	86	410 U	82 U	90 U	88 U		410 U	97 U	
hthalate	UG/KG	22	16%	7100	0	14	86	410 U	82 U	90 U	88 U		410 U	97 U	
lphthalate	UG/KG	0	0%	2000	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
hene	UG/KG	1100	93%	50000	0	80	86	410 U	15 J	46 J	34 J		19 J	51 J	
e	UG/KG	74	6%	50000	0	5	86	410 U	82 U	90 U	88 U		410 U	97 U	
orobenzene	UG/KG	0	0%	410	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
orobutadiene	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
orocyclopentadiene	UG/KG	0	0%		0	0	86	410 U	82 UJ	90 UJ	88 UJ		410 U	97 UJ	
oroethane	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	410 U	6.6 J	18 J	12 J		410 U	16 J	
one	UG/KG	0	0%	4400	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
odiphenylamine	UG/KG	19	1%		0	1	86	410 U	82 U	90 U	88 U		410 U	97 U	
odipropylamine	UG/KG	0	0%		0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
lene	UG/KG	74	13%	13000	0	11	86	410 U	82 U	90 U	88 U		410 U	97 U	
zene	UG/KG	0	0%	200	0	0	86	410 U	82 U	90 U	88 U		410 U	97 U	
lorophenol	UG/KG	0	0%	1000	0	0	86	1000 U	200 UJ	220 UJ	210 UJ		1000 U	240 UJ	
hrene	UG/KG	640	87%	50000	0	75	86	410 U	6.4 J	18 J	14 J		410 U	23 J	
	UG/KG	17	2%	30	0	2	86	410 U	82 U	90 U	88 U		410 U	97 U	
	UG/KG	990	88%	50000	0	76	86	410 U	11 J	38 J	25 J		410 U	37 J	
SIVES															
initrobenzene	UG/KG	120	1%		0	1	86	130 U	120 U	120 U	120 U		130 U	120 U	
trobenzene	UG/KG	0	0%		0	0	86	130 U	120 U	120 U	120 U		130 U	120 U	
initrotoluene	UG/KG	72	1%		0	1	86	130 U	120 U	120 U	120 U		130 U	120 U	
trotoluene	UG/KG	330	2%		0	2	86	130 U	120 U	120 U	120 U		130 U	120 U	
trotoluene	UG/KG	0	0%	1000	0	0	86	130 U	120 U	120 U	120 U		130 U	120 U	
oluene	UG/KG	0	0%		0	0	79		120 U	120 U	120 U			120 U	
-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	130 U	120 U	120 U	120 U		130 U	120 U	
oluene	UG/KG	0	0%		0	0	79		120 U	120 U	120 U			120 U	
oluene	UG/KG	390	1%		0	1	79		120 U	120 U	120 U			120 U	
-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	130 U	120 U	120 U	120 U		130 U	120 U	
	UG/KG	0	0%		0	0	86	130 U	120 U	120 U	120 U		130 U	120 U	
zene	UG/KG	0	0%	200	0	0	79		120 U	120 U	120 U			120 U	
	UG/KG	0	0%		0	0	86	130 U	120 U	120 U	120 U		130 U	120 U	
	UG/KG	0	0%		0	0	86	130 U	120 U	120 U	120 U		130 U	120 U	
IDES/PCBs															
D	UG/KG	190	23%	2900	0	20	86	4.1 U	4.2 U	2.8 J	4.4 U		4.1 U	4.9 U	
E	UG/KG	160	31%	2100	0	27	86	4.1 U	4.2 U	4.5 U	4.4 U		4.1 U	4.9 U	
T	UG/KG	760	34%	2100	0	29	86	4.1 U	3.1 J	4.5 U	4.4 U		4.1 U	4.9 U	
	UG/KG	2.2	1%	41	0	1	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
HC	UG/KG	2.4	6%	110	0	5	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
hlordane	UG/KG	4.9	9%		0	8	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
1016	UG/KG	0	0%		0	0	86	41 U	42 U	45 U	44 U		41 U	49 U	
1221	UG/KG	0	0%		0	0	86	84 U	83 U	92 U	89 U		84 U	98 U	
1232	UG/KG	0	0%		0	0	86	41 U	42 U	45 U	44 U		41 U	49 U	
1242	UG/KG	0	0%		0	0	86	41 U	42 U	45 U	44 U		41 U	49 U	

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Surface Soil Sample Results

								SEAD-4 SS4-3 SOIL SS4-3 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-35 SOIL 43029 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-36 SOIL 43030 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-38 SOIL 43032 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-4 SOIL 43181 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-4 SOIL SS4-4 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-42 SOIL 43036 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-42 SOIL 43198 0 0.2 7/11/99 SA HEX CHROME
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N
r-1248	UG/KG	0	0%		0	0	86	41 U	42 U	45 U	44 U		41 U	49 U	
r-1254	UG/KG	310	26%	10000	0	22	86	41 U	42 U	45 U	44 U		38 J	49 U	
r-1260	UG/KG	110	3%	10000	0	3	86	41 U	42 U	45 U	44 U		41 U	49 U	
HC	UG/KG	7.6	12%	200	0	10	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
BHC	UG/KG	0	0%	300	0	0	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
n	UG/KG	7.4	6%	44	0	5	86	4.1 U	4.2 U	4.5 U	4.4 U		4.1 U	4.9 U	
ulfan I	UG/KG	1.7	5%	900	0	4	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
ulfan II	UG/KG	5.2	3%	900	0	3	86	4.1 U	4.2 U	4.5 U	4.4 U		4.1 U	4.9 U	
ulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	4.1 U	4.2 U	4.5 U	4.4 U		4.1 U	4.9 U	
	UG/KG	27	3%	100	0	3	86	4.1 U	4.2 U	4.5 U	4.4 U		4.1 U	4.9 U	
aldehyde	UG/KG	20	12%		0	10	86	4.1 U	4.2 U	4.5 U	4.4 U		4.1 U	4.9 U	
ketone	UG/KG	4.2	3%		0	3	86	4.1 U	4.2 U	4.5 U	4.4 U		4.1 U	4.9 U	
a-BHC/Lindane	UG/KG	0	0%	60	0	0	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
a-Chlordane	UG/KG	7.4	9%	540	0	8	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
hlor	UG/KG	4.2	3%	100	0	3	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
hlor epoxide	UG/KG	3.6	5%	20	0	4	86	2.1 U	2.1 U	2.3 U	2.2 U		2.1 U	2.4 U	
tychlor	UG/KG	0	0%		0	0	86	21 U	21 U	23 U	22 U		21 U	24 U	
hene	UG/KG	0	0%		0	0	86	210 U	210 U	230 U	220 U		210 U	240 U	
CIDES															
	UG/KG	0	0%	1900	0	0	7	6.3 U					6.3 U		
P/Silvex	UG/KG	0	0%	700	0	0	7	6.3 U					6.3 U		
	UG/KG	0	0%	500	0	0	7	63 U					63 U		
	UG/KG	0	0%		0	0	7	63 U					63 U		
n	UG/KG	0	0%		0	0	7	150 U					150 U		
ba	UG/KG	0	0%		0	0	7	6.3 U					6.3 U		
oprop	UG/KG	0	0%		0	0	7	63 U					63 U		
b	UG/KG	0	0%		0	0	7	32 U					32 U		
	UG/KG	0	0%		0	0	7	6300 U					6300 U		
	UG/KG	0	0%		0	0	7	6300 U					6300 U		
LS															
um	MG/KG	18800	100%	19520	0	86	86	10300	14500 J	11900 J	11700 J		15100	13100 J	
ny	MG/KG	148	40%	6	15	34	86	[redacted] J	0.59 UJ	0.84 R	0.8 UJ		[redacted] J	[redacted] J	
c	MG/KG	14.6	100%	8.9	4	86	86	7	4.4	3.6	3.4		6.1	3.9	
n	MG/KG	278	100%	300	0	86	86	34.4	57.7	59.6 J	69.8		58.2	76.2	
um	MG/KG	1.8	100%	1.13	1	86	86	0.53 J	0.64 J	0.51 J	0.5 J		0.7 J	0.7 J	
um	MG/KG	2.3	13%	2.46	0	11	86	0.36 U	0.04 U	0.05 U	0.05 U		0.51 U	0.05 U	
m	MG/KG	196000	100%	125300	3	86	86	11200	2800	3200 J	3710		6930	4820	
ium	MG/KG	18600	100%	30	37	86	86	[redacted] J	[redacted]	19 J	[redacted]		[redacted] J	[redacted]	
	MG/KG	19.9	100%	30	0	86	86	10.2	12.2	9.6 J	7.3 J		12.8	7.5 J	
r	MG/KG	7330	100%	33	30	86	86	[redacted] J	17.5 J	14.2 J	18.3 J		[redacted] J	[redacted] J	
le	MG/KG	0.87	2%	0.35	2	2	86	0.6 U	0.71 UJ	0.77 U	0.73 UJ		0.82 U	0.84 UJ	
	MG/KG	64600	100%	37410	2	86	86	21900	27400 J	21900 J	18000 J		31000	20700 J	
	MG/KG	11200	92%	24.4	36	79	86	27.3 R	15.4 J	[redacted] J	15.4 J		19 R	22.4 J	
sium	MG/KG	35300	100%	21700	1	86	86	4400	4760	3800 J	3080		5950	3770	
nese	MG/KG	1540	100%	1100	3	86	86	335	381 J	548 J	446 J		339	133 J	
y	MG/KG	1.2	52%	0.1	16	45	86	[redacted]	0.08 J	0.06 UJ	0.06 U		0.21	0.09 J	
	MG/KG	228	100%	50	1	86	86	25.9	30.5 J	24.8 J	17.5 J		34.3	23.1 J	
ium	MG/KG	2340	100%	2623	0	86	86	861	1520	937 J	1440		1310	1490	
um	MG/KG	3.4	23%	2	1	20	86	0.2 J	0.68 U	0.97 U	0.93 U		0.16 J	0.81 U	
	MG/KG	1.7	6%	0.8	1	5	86	0.72 U	0.19 U	0.27 U	0.26 U		1 U	0.23 U	
n	MG/KG	1270	34%	188	2	29	86	57.8 J	49.6 U	70.7 U	67.4 U		50.4 J	59.3 U	
m	MG/KG	5.4	22%	0.855	16	19	86	0.25 U	0.68 U	[redacted] J	0.93 U		0.18 U	0.81 U	
um	MG/KG	1250	100%	150	1	86	86	14.7	22.6	21 J	21.1		24.1	23.4	
	MG/KG	2020	100%	115	29	86	86	[redacted]	90.9	57.4 J	70.3		755	132	
ium, Hexavalent	MG/KG	14.7	27%		0	4	15					6 U			29.6 U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	SEAD-4 SS4-43 SOIL 43037 0 0.2 12/2/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-46 SOIL 43041 0 0.2 12/3/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-47 SOIL 43042 0 0.2 12/3/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-5 SOIL 43188 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-5 SOIL SS4-5 0 0.5 12/13/93 SA ESI N	SEAD-4 SS4-53 SOIL 43048 0 0.2 12/3/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-54 SOIL 43049 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-55 SOIL 43051 0 0.2 12/3/98 DU RI Phase 1 N
ILES																
ichloroethane	UG/KG	0	0%	800	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
Tetrachloroethane	UG/KG	0	0%	600	0	0	86	U	12 U	14 U	13 U		13 U	15 UJ	15 R	14
ichloroethane	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
hloroethane	UG/KG	2	2%	200	0	2	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
hloroethene	UG/KG	0	0%	400	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
hloroethane	UG/KG	0	0%	100	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
hloroethene (total)	UG/KG	4	3%		0	3	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
hloropropane	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
e	UG/KG	140	31%	200	0	27	86	J	16	14 U	13 U		13 U	15 U	15 U	14
e	UG/KG	1	1%	60	0	1	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
ichloromethane	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
orm	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 UJ	15 R	14
disulfide	UG/KG	0	0%	2700	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
tetrachloride	UG/KG	0	0%	600	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
enzene	UG/KG	0	0%	1700	0	0	86	U	12 U	14 U	13 U		13 U	15 UJ	15 R	14
ibromomethane	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
thane	UG/KG	0	0%	1900	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
orm	UG/KG	0	0%	300	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
-Dichloropropene	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
enzene	UG/KG	0	0%	5500	0	0	86	U	12 U	14 U	13 U		13 U	15 UJ	15 R	14
bromide	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
butyl ketone	UG/KG	9	1%		0	1	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
chloride	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
ethyl ketone	UG/KG	0	0%	300	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
sobutyl ketone	UG/KG	0	0%	1000	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
ne chloride	UG/KG	3	1%	100	0	1	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 UJ	15 R	14
loroethene	UG/KG	0	0%	1400	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
e	UG/KG	14	29%	1500	0	25	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
ylenes	UG/KG	0	0%	1200	0	0	86	U	12 U	14 U	13 U		13 U	15 UJ	15 R	14
,3-Dichloropropene	UG/KG	0	0%		0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
oethene	UG/KG	3	3%	700	0	3	86	U	12 U	14 U	13 U		13 U	15 U	15 UJ	14
loride	UG/KG	0	0%	200	0	0	86	U	12 U	14 U	13 U		13 U	15 U	15 U	14
OLATILES																
richlorobenzene	UG/KG	0	0%	3400	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
hlorobenzene	UG/KG	0	0%	7900	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
hlorobenzene	UG/KG	0	0%	1600	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
hlorobenzene	UG/KG	0	0%	8500	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
bis(1-Chloropropane)	UG/KG	0	0%		0	0	7						400 U			
richlorophenol	UG/KG	0	0%	100	0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210
richlorophenol	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
hlorophenol	UG/KG	0	0%	400	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
ethylphenol	UG/KG	0	0%		0	0	86	UJ	82 UJ	89 UJ	87 UJ		400 U	140 UJ	520 UJ	88
itrophenol	UG/KG	0	0%	200	0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210
itrotoluene	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
itrotoluene	UG/KG	0	0%	1000	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
onaphthalene	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
ophenol	UG/KG	0	0%	800	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
ylnaphthalene	UG/KG	35	16%	36400	0	14	86	U	82 U	89 U	87 U		400 U	140 U	520 U	13
ylphenol	UG/KG	0	0%	100	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
aniline	UG/KG	0	0%	430	0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210
henol	UG/KG	0	0%	330	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
chlorobenzidine	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
aniline	UG/KG	0	0%	500	0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210
itro-2-methylphenol	UG/KG	0	0%		0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210
ophenyl phenyl ether	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
o-3-methylphenol	UG/KG	0	0%	240	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
oaniline	UG/KG	0	0%	220	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
ophenyl phenyl ether	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
ylphenol	UG/KG	0	0%	900	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	88
aniline	UG/KG	0	0%		0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210
henol	UG/KG	0	0%	100	0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

									SEAD-4 SS4-43 SOIL 43037 0 0.2 12/2/98 SA RI Phase 1 Step 1	SEAD-4 SS4-46 SOIL 43041 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-47 SOIL 43042 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-5 SOIL 43188 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-5 SOIL SS4-5 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-53 SOIL 43048 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-54 SOIL 43049 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-55 SOIL 43051 0 0.2 12/3/98 DU RI Phase
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	N	N	N	N	N	N	N	N
phthene	UG/KG	78	9%	50000	0	8	86	U	82 U	89 U	87 U		400 U	140 U	64 J	18
phthylene	UG/KG	32	9%	41000	0	8	86	UJ	82 UJ	89 UJ	87 UJ		400 U	140 UJ	520 UJ	32
cene	UG/KG	110	17%	50000	0	15	86	U	82 U	89 U	87 U		400 U	140 U	110 J	50
(a)anthracene	UG/KG	560	83%	224	5	71	86	U	82 U	6.9 J	7.1 J		400 U	66 J	390 J	540
(a)pyrene	UG/KG	450	80%	61	11	69	86	U	82 U	8 J	8.8 J		400 U	66 J	440 J	450
(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	U	82 U	89 U	26 J		400 U	100 J	450 J	890
(ghi)perylene	UG/KG	310	55%	50000	0	47	86	U	82 U	89 U	87 U		400 U	50 J	230 J	290
(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	U	82 U	89 U	87 R		400 U	83 J	510 J	86
Chloroethoxy)methane	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
Chloroethyl)ether	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	U	82 U	89 U	87 U			140 U	520 U	86
Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	J	14 J	17 J	17 J		33 J	800	12000	1800
enzylphthalate	UG/KG	12000	12%	50000	0	10	86	U	82 U	89 U	87 U		400 U	8.9 J	30 J	86
zole	UG/KG	120	22%		0	19	86	U	82 U	89 U	87 U		400 U	9.4 J	120 J	55
ene	UG/KG	570	86%	400	4	74	86	U	82 U	10 J	13 J		400 U	90 J	[redacted] J	[redacted]
utylphthalate	UG/KG	220	44%	8100	0	38	86	J	5.5 J	89 U	6 J		400 U	43 J	28 J	26
ctylphthalate	UG/KG	44	8%	50000	0	7	86	U	82 U	89 U	87 U		400 U	140 U	42 J	86
z(a,h)anthracene	UG/KG	130	22%	14	12	19	86	U	82 U	89 U	87 U		400 U	[redacted] J	[redacted] J	[redacted]
zofuran	UG/KG	58	16%	6200	0	14	86	U	82 U	89 U	87 U		400 U	140 U	41 J	14
l phthalate	UG/KG	22	16%	7100	0	14	86	U	82 U	89 U	87 U		400 U	12 J	520 U	12
hylphthalate	UG/KG	0	0%	2000	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
nthene	UG/KG	1100	93%	50000	0	80	86	J	16 J	18 J	23 J		400 U	140	960	1000
ne	UG/KG	74	6%	50000	0	5	86	U	82 U	89 U	87 U		400 U	140 U	62 J	30
hlorobenzene	UG/KG	0	0%	410	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
hlorobutadiene	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
hlorocyclopentadiene	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
hloroethane	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
o(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	U	82 U	89 U	87 U		400 U	45 J	210 J	320
rone	UG/KG	0	0%	4400	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
osodiphenylamine	UG/KG	19	1%		0	1	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
osodipropylamine	UG/KG	0	0%		0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
halene	UG/KG	74	13%	13000	0	11	86	U	82 U	89 U	87 U		400 U	140 U	39 J	86
enzene	UG/KG	0	0%	200	0	0	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
chlorophenol	UG/KG	0	0%	1000	0	0	86	U	200 U	220 U	210 U		980 U	330 U	1200 U	210
nthrene	UG/KG	640	87%	50000	0	75	86	J	9.9 J	10 J	13 J		400 U	62 J	640	550
H	UG/KG	17	2%	30	0	2	86	U	82 U	89 U	87 U		400 U	140 U	520 U	86
e	UG/KG	990	88%	50000	0	76	86	J	11 J	12 J	15 J		400 U	110 J	670	990
OSIVES																
Trinitrobenzene	UG/KG	120	1%		0	1	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
itrobenzene	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
Trinitrotoluene	UG/KG	72	1%		0	1	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
itrotoluene	UG/KG	330	2%		0	2	86	U	120 U	120 U	120 U		130 U	120 U	120 U	330
itrotoluene	UG/KG	0	0%	1000	0	0	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
toluene	UG/KG	0	0%		0	0	79	U	120 U	120 U	120 U			120 U	120 U	120
o-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
toluene	UG/KG	0	0%		0	0	79	U	120 U	120 U	120 U			120 U	120 U	120
toluene	UG/KG	390	1%		0	1	79	U	120 U	120 U	120 U			120 U	120 U	120
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
enzene	UG/KG	0	0%	200	0	0	79	U	120 U	120 U	120 U			120 U	120 U	120
	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U		130 U	120 U	120 U	120
CIDES/PCBs																
DD	UG/KG	190	23%	2900	0	20	86	U	4.2 U	4.3 J	4.4 U		4 U	4.3 U	190	4.4
DE	UG/KG	160	31%	2100	0	27	86	U	4.2 U	4.5 U	4.4 U		4 U	5	160	10
DT	UG/KG	760	34%	2100	0	29	86	U	4.2 U	4.5 U	4.4 U		4 U	7.2	760	29
	UG/KG	2.2	1%	41	0	1	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
BHC	UG/KG	2.4	6%	110	0	5	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
Chlordane	UG/KG	4.9	9%		0	8	86	U	2.1 U	1.7 J	2.2 U		2.1 U	2.2 U	4 U	2.2
r-1016	UG/KG	0	0%		0	0	86	U	42 U	45 U	44 U		40 U	43 U	78 U	44
r-1221	UG/KG	0	0%		0	0	86	U	83 U	90 U	89 U		82 U	86 U	160 U	89
r-1232	UG/KG	0	0%		0	0	86	U	42 U	45 U	44 U		40 U	43 U	78 U	44
r-1242	UG/KG	0	0%		0	0	86	U	42 U	45 U	44 U		40 U	43 U	78 U	44

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SS4-43 SOIL 43037 0 0.2 12/2/98 SA	SEAD-4 SS4-46 SOIL 43041 0 0.2 12/3/98 SA	SEAD-4 SS4-47 SOIL 43042 0 0.2 12/3/98 SA	SEAD-4 SS4-5 SOIL 43188 0 0.2 7/11/99 SA	SEAD-4 SS4-5 SOIL SS4-5 0 0.5 12/13/93 SA	SEAD-4 SS4-53 SOIL 43048 0 0.2 12/3/98 SA	SEAD-4 SS4-54 SOIL 43049 0 0.2 12/4/98 SA	SEAD-4 SS4-55 SOIL 43051 0 0.2 12/3/98 DU
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	HEX CHROME	ESI	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1
									N	N	N	N	N	N	N	N
-1248	UG/KG	0	0%		0	0	86	U	42 U	45 U	44 U		40 U	43 U	78 U	44
-1254	UG/KG	310	26%	10000	0	22	86	U	42 U	45 U	44 U		28 J	43 U	94	51
-1260	UG/KG	110	3%	10000	0	3	86	U	42 U	45 U	44 U		40 U	43 U	78 U	44
HC	UG/KG	7.6	12%	200	0	10	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
HC	UG/KG	0	0%	300	0	0	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
	UG/KG	7.4	6%	44	0	5	86	U	4.2 U	4.5 U	4.4 U		4 U	4.3 U	4 J	4.4
lfan I	UG/KG	1.7	5%	900	0	4	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
lfan II	UG/KG	5.2	3%	900	0	3	86	U	4.2 U	4.5 U	4.4 U		4 U	4.3 U	7.8 U	4.4
lfan sulfate	UG/KG	3.8	1%	1000	0	1	86	U	4.2 U	4.5 U	4.4 U		4 U	4.3 U	7.8 U	4.4
	UG/KG	27	3%	100	0	3	86	U	4.2 U	4.5 U	4.4 U		4 U	4.3 U	7.8 U	4.4
aldehyde	UG/KG	20	12%		0	10	86	J	7 J	4.5 U	4.4 U		4 U	3.2 J	7.8 U	4.2
ketone	UG/KG	4.2	3%		0	3	86	U	4.2 U	4.5 U	4.4 U		4 U	4.3 U	7.8 U	3.4
a-BHC/Lindane	UG/KG	0	0%	60	0	0	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
a-Chlordane	UG/KG	7.4	9%	540	0	8	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
hlor	UG/KG	4.2	3%	100	0	3	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	4 U	2.2
hlor epoxide	UG/KG	3.6	5%	20	0	4	86	U	2.1 U	2.2 U	2.2 U		2.1 U	2.2 U	2.2 J	2.2
ychlor	UG/KG	0	0%		0	0	86	U	21 U	22 U	22 U		21 U	22 U	40 U	22
ene	UG/KG	0	0%		0	0	86	U	210 U	220 U	220 U		210 U	220 U	400 U	220
CIDES																
	UG/KG	0	0%	1900	0	0	7						6.1 U			
P/Silvex	UG/KG	0	0%	700	0	0	7						6.1 U			
	UG/KG	0	0%	500	0	0	7						61 U			
	UG/KG	0	0%		0	0	7						61 U			
n	UG/KG	0	0%		0	0	7						150 U			
ne	UG/KG	0	0%		0	0	7						6.1 U			
oprop	UG/KG	0	0%		0	0	7						61 U			
b	UG/KG	0	0%		0	0	7						31 U			
	UG/KG	0	0%		0	0	7						6100 U			
	UG/KG	0	0%		0	0	7						6100 U			
LS																
um	MG/KG	18800	100%	19520	0	86	86	J	10900 J	12900 J	12500 J		15900	12600 J	3510 J	8180
ny	MG/KG	148	40%	6	15	34	86	J	0.64 UJ	0.75 R	0.79 R		96.1 J	0.94 J	0.79 J	1.2
	MG/KG	14.6	100%	8.9	4	86	86		4	6.1	6.8		9.8	5.5	4.3	5
	MG/KG	278	100%	300	0	86	86		57	74.3 J	77.3 J		92.1	70.6 J	81.4 J	78.5
m	MG/KG	1.8	100%	1.13	1	86	86	J	0.47 J	0.57 J	0.41 J		0.73 J	0.58 J	0.16 J	0.41
m	MG/KG	2.3	13%	2.46	0	11	86	U	0.04 U	0.05 U	0.05 U		0.48 U	0.04 U	0.99	0.26
n	MG/KG	196000	100%	125300	3	86	86		5570	3010 J	1970 J		7210	9970 J	159000 J	62800
um	MG/KG	18600	100%	30	37	86	86		21	18.4	26.8		4870 J		59.7	34.8
	MG/KG	19.9	100%	30	0	86	86		9.7 J	9.2 J	11.9 J		14.9	12.5	6.8 J	8.6
	MG/KG	7330	100%	33	30	86	86	J	26.3 J	17	18		3120 J		43.3	30.7
e	MG/KG	0.87	2%	0.35	2	2	86	UJ	0.74 UJ	0.81 U	0.69 U		0.58 U	0.73 U	0.65 U	0.72
	MG/KG	64600	100%	37410	2	86	86	J	20000 J	21900 J	22700 J		31000	27600 J	14100 J	18400
	MG/KG	11200	92%	24.4	36	79	86	J	18.1 J	16.2 J	18.4 J		27.2 R	[redacted] J	[redacted] J	186
sium	MG/KG	35300	100%	21700	1	86	86		3350	3370 J	3230 J		5470	5850 J	14600 J	12800
nese	MG/KG	1540	100%	1100	3	86	86	J	515 J	592 J	1130 J		533	370 J	380 J	470
y	MG/KG	1.2	52%	0.1	16	45	86	U	0.07 J	0.07 U	0.07 J		[redacted]	0.06 U	0.06 U	0.07
	MG/KG	228	100%	50	1	86	86	J	22.7 J	18.1 J	19.6 J		35.3	34.1 J	18 J	21.7
um	MG/KG	2340	100%	2623	0	86	86		1030 J	1650	1260 J		1870	1670	429 J	694
m	MG/KG	3.4	23%	2	1	20	86		0.75 UJ	0.67 J	0.83 J		0.21 J	0.54 J	0.38 J	0.53
	MG/KG	1.7	6%	0.8	1	5	86	U	0.21 U	0.24 U	0.25 U		0.96 U	0.2 U	0.18 U	0.26
n	MG/KG	1270	34%	188	2	29	86	U	54.3 U	63.5 U	66.7 U		47.7 J	53.3 U	132 J	75.2
m	MG/KG	5.4	22%	0.855	16	19	86	J	0.84 J	0.87 U	0.92 U		0.26 U	0.73 U	0.65 U	0.93
um	MG/KG	1250	100%	150	1	86	86		19.2	23.6 J	23.5 J		28.7	25.2 J	22.6 J	26.4
	MG/KG	2020	100%	115	29	86	86		57	69.6 J	71.9 J		[redacted]	[redacted] J	[redacted] J	200
um, Hexavalent	MG/KG	14.7	27%		0	4	15					12.4 U				

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SS4-55 SOIL 43050 0 0.2 12/3/98 SA	SEAD-4 SS4-56 SOIL 43052 0 0.2 12/3/98 SA	SEAD-4 SS4-57 SOIL 43053 0 0.2 12/3/98 SA	SEAD-4 SS4-58 SOIL 43054 0 0.2 12/3/98 SA	SEAD-4 SS4-59 SOIL 43055 0 0.2 12/3/98 SA	SEAD-4 SS4-6 SOIL SS4-6 0 0.5 12/13/93 SA	SEAD-4 SS4-60 SOIL 43056 0 0.2 12/3/98 SA	SEAD-4 SS4-61 SOIL 43057 0 0.2 12/4/98 SA
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	ESI N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N
TILES															
Trichloroethane	UG/KG	0	0%	800	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	14 UJ	13 R	12 UJ	11 R	13 UJ	13 U	13 U	13 UJ
Trichloroethane	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
chloroethane	UG/KG	2	2%	200	0	2	86	14 U	13 UJ	12 U	11 R	2 J	13 U	13 U	13 U
chloroethene	UG/KG	0	0%	400	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
chloroethane	UG/KG	0	0%	100	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
chloroethene (total)	UG/KG	4	3%		0	3	86	14 U	13 UJ	12 U	11 R	4 J	13 U	13 U	13 U
chloropropane	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
ne	UG/KG	140	31%	200	0	27	86	14 U	13 UJ	120 J	12 J	13 U	13 U	13 UJ	5 J
ne	UG/KG	1	1%	60	0	1	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
dichloromethane	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
form	UG/KG	0	0%		0	0	86	14 UJ	13 R	12 UJ	11 R	13 UJ	13 U	13 U	13 UJ
n disulfide	UG/KG	0	0%	2700	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
n tetrachloride	UG/KG	0	0%	600	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
benzene	UG/KG	0	0%	1700	0	0	86	14 UJ	13 R	12 UJ	11 R	13 UJ	13 U	13 U	13 UJ
dibromomethane	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
ethane	UG/KG	0	0%	1900	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
form	UG/KG	0	0%	300	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
3-Dichloropropene	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
enzene	UG/KG	0	0%	5500	0	0	86	14 UJ	13 R	12 UJ	11 R	13 UJ	13 U	13 U	13 UJ
bromide	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
butyl ketone	UG/KG	9	1%		0	1	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
chloride	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
ethyl ketone	UG/KG	0	0%	300	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
isobutyl ketone	UG/KG	0	0%	1000	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
ene chloride	UG/KG	3	1%	100	0	1	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
e	UG/KG	0	0%		0	0	86	14 UJ	13 R	12 UJ	11 R	13 UJ	13 U	13 U	13 UJ
hloroethene	UG/KG	0	0%	1400	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
ie	UG/KG	14	29%	1500	0	25	86	14 U	3 J	12 U	11 R	2 J	13 U	13 U	13 U
Xylenes	UG/KG	0	0%	1200	0	0	86	14 UJ	13 R	12 UJ	11 R	13 UJ	13 U	13 U	13 UJ
1,3-Dichloropropene	UG/KG	0	0%		0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
roethene	UG/KG	3	3%	700	0	3	86	14 U	13 UJ	12 U	11 R	3 J	13 U	13 U	13 U
chloride	UG/KG	0	0%	200	0	0	86	14 U	13 UJ	12 U	11 R	13 U	13 U	13 U	13 U
VOLATILES															
Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
chlorobenzene	UG/KG	0	0%	7900	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
chlorobenzene	UG/KG	0	0%	1600	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
chlorobenzene	UG/KG	0	0%	8500	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	7						440 U		
Trichlorophenol	UG/KG	0	0%	100	0	0	86	210 U	190 U	300 U	1800 U	220 U	1100 U	240 U	210 U
Trichlorophenol	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
chlorophenol	UG/KG	0	0%	400	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
methylphenol	UG/KG	0	0%		0	0	86	87 UJ	78 UJ	120 UJ	720 UJ	90 UJ	440 U	100 UJ	87 UJ
nitrophenol	UG/KG	0	0%	200	0	0	86	210 UJ	190 UJ	300 UJ	1800 UJ	220 UJ	1100 U	240 U	210 U
nitrotoluene	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
nitrotoluene	UG/KG	0	0%	1000	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
ronaphthalene	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
rophenol	UG/KG	0	0%	800	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
ylnaphthalene	UG/KG	35	16%	36400	0	14	86	11 J	11 J	13 J	720 U	90 U	440 U	100 U	87 U
ylphenol	UG/KG	0	0%	100	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
aniline	UG/KG	0	0%	430	0	0	86	210 U	190 U	300 U	1800 U	220 U	1100 U	240 U	210 U
phenol	UG/KG	0	0%	330	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
chlorobenzidine	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
aniline	UG/KG	0	0%	500	0	0	86	210 UJ	190 UJ	300 UJ	1800 UJ	220 UJ	1100 U	240 U	210 U
nitro-2-methylphenol	UG/KG	0	0%		0	0	86	210 U	190 U	300 U	1800 U	220 U	1100 U	240 U	210 U
nophenyl phenyl ether	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
ro-3-methylphenol	UG/KG	0	0%	240	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
roaniline	UG/KG	0	0%	220	0	0	86	87 UJ	78 UJ	120 UJ	720 UJ	90 UJ	440 U	100 U	87 U
rophenyl phenyl ether	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
ylphenol	UG/KG	0	0%	900	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
aniline	UG/KG	0	0%		0	0	86	210 U	190 U	300 U	1800 U	220 U	1100 U	240 U	210 U
phenol	UG/KG	0	0%	100	0	0	86	210 U	190 U	300 U	1800 U	220 U	1100 U	240 U	210 U

Seneca Army Depot Activity
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Surface Soil Sample Results

			FREQ OF		NUMBER ABOVE	NUMBER OF	NUMBER OF	SEAD-4 SS4-55 SOIL 43050 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-56 SOIL 43052 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-57 SOIL 43053 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-58 SOIL 43054 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-59 SOIL 43055 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-6 SOIL SS4-6 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-60 SOIL 43056 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-61 SOIL 43057 0 0.2 12/4/98 SA RI Phase 1 Step 1
	UNITS	MAXIMUM	DETCTION	NYSDEC TAGM	TAGM	DETECTS	ANALYSES	N	N	N	N	N	N	N	N
phthene	UG/KG	78	9%	50000	0	8	86	18 J	7.2 J	120 U	720 U	90 U	440 U	100 U	87 U
phthylene	UG/KG	32	9%	41000	0	8	86	32 J	30 J	120 UJ	720 UJ	90 UJ	440 U	100 UJ	87 UJ
cene	UG/KG	110	17%	50000	0	15	86	46 J	25 J	120 U	720 U	90 U	440 U	100 U	87 U
(a)anthracene	UG/KG	560	83%	224	5	71	86	560	200	15 J	720 U	12 J	440 U	7.3 J	8.5 J
(a)pyrene	UG/KG	450	80%	61	11	69	86	420	270	16 J	720 U	15 J	440 U	8.4 J	9.5 J
(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	630	520 J	23 J	720 U	18 J	440 U	9.7 J	12 J
(ghi)perylene	UG/KG	310	55%	50000	0	47	86	310 J	180 J	120 UJ	720 UJ	12 J	440 U	100 U	87 U
(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	500	78 R	23 J	720 U	17 J	440 U	13 J	16 J
Chloroethoxy)methane	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
Chloroethyl)ether	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	87 U	78 U	120 U	720 U	90 U		100 U	87 U
Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	1600	150	700	4400	4400	440 U	54 J	20 J
enzylphthalate	UG/KG	12000	12%	50000	0	10	86	87 U	78 U	14 J	75 J	7.6 J	440 U	100 U	87 U
zole	UG/KG	120	22%		0	19	86	53 J	21 J	120 UJ	720 UJ	90 UJ	440 U	100 U	87 U
ene	UG/KG	570	86%	400	4	74	86	570	370	28 J	720 U	16 J	440 U	10 J	13 J
utylphthalate	UG/KG	220	44%	8100	0	38	86	18 J	7 J	7 J	720 U	21 J	440 U	7.5 J	12 J
ctylphthalate	UG/KG	44	8%	50000	0	7	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
z(a,h)anthracene	UG/KG	130	22%	14	12	19	86	130	96	120 U	720 U	90 U	440 U	100 U	87 U
zofuran	UG/KG	58	16%	6200	0	14	86	12 J	8.7 J	13 J	720 U	90 U	440 U	100 U	87 U
l phthalate	UG/KG	22	16%	7100	0	14	86	9.6 J	10 J	19 J	720 U	9.6 J	440 U	22 J	12 J
hylphthalate	UG/KG	0	0%	2000	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
nthene	UG/KG	1100	93%	50000	0	80	86	1100	490	40 J	39 J	24 J	23 J	17 J	17 J
ne	UG/KG	74	6%	50000	0	5	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
hlorobenzene	UG/KG	0	0%	410	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
hlorobutadiene	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
hlorocyclopentadiene	UG/KG	0	0%		0	0	86	87 UJ	78 UJ	120 UJ	720 UJ	90 UJ	440 U	100 U	87 U
hloroethane	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
o(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	220	160	120 U	720 U	90 U	440 U	100 U	87 U
orone	UG/KG	0	0%	4400	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
osodiphenylamine	UG/KG	19	1%		0	1	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
osodipropylamine	UG/KG	0	0%		0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
halene	UG/KG	74	13%	13000	0	11	86	9.7 J	78 U	12 J	720 U	90 U	440 U	100 U	87 U
enzene	UG/KG	0	0%	200	0	0	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
chlorophenol	UG/KG	0	0%	1000	0	0	86	210 U	190 U	300 U	1800 U	220 U	1100 U	240 U	210 U
nthrene	UG/KG	640	87%	50000	0	75	86	490	340	30 J	720 U	11 J	440 U	8.3 J	8.8 J
l	UG/KG	17	2%	30	0	2	86	87 U	78 U	120 U	720 U	90 U	440 U	100 U	87 U
e	UG/KG	990	88%	50000	0	76	86	970	540	29 J	720 U	18 J	440 U	10 J	13 J
OSIVES															
Trinitrobenzene	UG/KG	120	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
nitrobenzene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
Trinitrotoluene	UG/KG	72	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
nitrotoluene	UG/KG	330	2%		0	2	86	120 UJ	120 U	120 U	120 U	120 U	130 U	120 U	120 U
nitrotoluene	UG/KG	0	0%	1000	0	0	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
otoluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 U	120 U		120 U	120 U
no-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
otoluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 U	120 U		120 U	120 U
otoluene	UG/KG	390	1%		0	1	79	120 U	120 U	120 U	120 U	120 U		120 U	120 U
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
enzene	UG/KG	0	0%	200	0	0	79	120 U	120 U	120 U	120 U	120 U		120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	130 U	120 U	120 U
ICIDES/PCBs															
DD	UG/KG	190	23%	2900	0	20	86	4.4 U	4 U	3.7 U	3.7 U	4.6 U	4.4 U	4.4 U	5.2 J
DE	UG/KG	160	31%	2100	0	27	86	15	2.9 J	3.7 U	3.7 U	4.6 U	4.4 U	4.4 U	4.4 U
DT	UG/KG	760	34%	2100	0	29	86	27	5.1 J	7.5 J	3.7 U	4.6 U	4.4 U	4.4 U	4.4 U
	UG/KG	2.2	1%	41	0	1	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U
-BHC	UG/KG	2.4	6%	110	0	5	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U
-Chlordane	UG/KG	4.9	9%		0	8	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U
or-1016	UG/KG	0	0%		0	0	86	44 U	40 U	37 U	37 U	46 U	44 U	44 U	44 U
or-1221	UG/KG	0	0%		0	0	86	88 U	79 U	74 U	73 U	91 U	89 U	88 U	88 U
or-1232	UG/KG	0	0%		0	0	86	44 U	40 U	37 U	37 U	46 U	44 U	44 U	44 U
or-1242	UG/KG	0	0%		0	0	86	44 U	40 U	37 U	37 U	46 U	44 U	44 U	44 U

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								SEAD-4 SS4-55 SOIL 43050 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-56 SOIL 43052 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-57 SOIL 43053 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-58 SOIL 43054 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-59 SOIL 43055 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-6 SOIL SS4-6 0 0.5 12/13/93 SA ESI	SEAD-4 SS4-60 SOIL 43056 0 0.2 12/3/98 SA RI Phase 1 Step 1	SEAD-4 SS4-61 SOIL 43057 0 0.2 12/4/98 SA RI Phase 1 Step 1
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N	N
r-1248	UG/KG	0	0%		0	0	86	44 U	40 U	37 U	37 U	46 U	44 U	44 U	44 U	
r-1254	UG/KG	310	26%	10000	0	22	86	40 J	40 U	37 U	37 U	46 U	44 U	44 U	44 U	
r-1260	UG/KG	110	3%	10000	0	3	86	44 U	40 U	37 U	37 U	46 U	44 U	44 U	44 U	
BHC	UG/KG	7.6	12%	200	0	10	86	2.2 U	2 U	1.4 J	1.6 J	2.3 U	2.3 U	2.2 U	2.2 U	
BHC	UG/KG	0	0%	300	0	0	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U	
n	UG/KG	7.4	6%	44	0	5	86	4.4 U	4 U	3.7 U	3.7 U	4.6 U	5.4 J	4.4 U	4.4 U	
ulfan I	UG/KG	1.7	5%	900	0	4	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U	
ulfan II	UG/KG	5.2	3%	900	0	3	86	4.4 U	4 U	3.7 U	3.7 U	4.6 U	4.4 U	4.4 U	4.4 U	
ulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	4.4 U	4 U	3.7 U	3.7 U	4.6 U	4.4 U	4.4 U	4.4 U	
	UG/KG	27	3%	100	0	3	86	4.4 U	4 U	3.7 U	3.7 U	4.6 U	4.4 U	4.4 U	4.4 U	
aldehyde	UG/KG	20	12%		0	10	86	5.2	3.8 J	3.7 U	3.7 U	4.6 U	4.4 U	4.4 U	4.4 U	
ketone	UG/KG	4.2	3%		0	3	86	2.8 J	4.2	3.7 U	3.7 U	4.6 U	4.4 U	4.4 U	4.4 U	
a-BHC/Lindane	UG/KG	0	0%	60	0	0	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U	
a-Chlordane	UG/KG	7.4	9%	540	0	8	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	7.4	2.2 U	
chlor	UG/KG	4.2	3%	100	0	3	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U	
chlor epoxide	UG/KG	3.6	5%	20	0	4	86	2.2 U	2 U	1.8 U	1.8 U	2.3 U	2.3 U	2.2 U	2.2 U	
xychlor	UG/KG	0	0%		0	0	86	22 U	20 U	18 U	18 U	23 U	23 U	22 U	22 U	
hene	UG/KG	0	0%		0	0	86	220 U	200 U	180 U	180 U	230 U	230 U	220 U	220 U	
ICIDES																
T	UG/KG	0	0%	1900	0	0	7						6.7 U			
TP/Silvex	UG/KG	0	0%	700	0	0	7						6.7 U			
	UG/KG	0	0%	500	0	0	7						67 U			
3	UG/KG	0	0%		0	0	7						67 U			
on	UG/KG	0	0%		0	0	7						160 U			
ba	UG/KG	0	0%		0	0	7						6.7 U			
roprop	UG/KG	0	0%		0	0	7						67 U			
eb	UG/KG	0	0%		0	0	7						34 U			
	UG/KG	0	0%		0	0	7						6700 U			
	UG/KG	0	0%		0	0	7						6700 U			
LS																
num	MG/KG	18800	100%	19520	0	86	86	7980 J	8400 J	10200 J	12800 J	10400 J	16800	10300 J	11200 J	
ony	MG/KG	148	40%	6	15	34	86	0.59 R	0.6 R	0.45 R	0.95 J	0.79 R	5.9 J	0.66 R	0.75 R	
ic	MG/KG	14.6	100%	8.9	4	86	86	5.5	3.9	2.8	4.2	5	7	3.5	4.9	
n	MG/KG	278	100%	300	0	86	86	79.1 J	48.3 J	30.1 J	67 J	99.4 J	129	80.3 J	78.1 J	
um	MG/KG	1.8	100%	1.13	1	86	86	0.43 J	0.42 J	0.43 J	0.51 J	0.5 J	1 J	0.52 J	0.51 J	
ium	MG/KG	2.3	13%	2.46	0	11	86	0.51 J	0.04 U	0.03 U	0.03 U	0.05 U	0.54 U	0.04 U	0.05 U	
m	MG/KG	196000	100%	125300	3	86	86	50800 J	29600 J	19300 J	21500 J	5930 J	5410	2850 J	2740 J	
nium	MG/KG	18600	100%	30	37	86	86	[redacted]	17.1	20.8	[redacted]	29.4	[redacted] J	15.5	14	
t	MG/KG	19.9	100%	30	0	86	86	7.7 J	8.1 J	10.4	14.2	8.7 J	17.7	7.6 J	8.6 J	
er	MG/KG	7330	100%	33	30	86	86	30.9	20.1	27	[redacted]	18.9	[redacted] J	11.9	12.7	
de	MG/KG	0.87	2%	0.35	2	2	86	0.7 U	0.66 U	0.6 U	0.57 U	[redacted]	0.58 U	0.71 U	0.79 U	
	MG/KG	64600	100%	37410	2	86	86	17100 J	17400 J	23100 J	31300 J	20300 J	34300	18800 J	18200 J	
	MG/KG	11200	92%	24.4	36	79	86	[redacted] J	[redacted] J	[redacted] J	[redacted] J	[redacted] J	22.7 R	17.5 J	17 J	
sium	MG/KG	35300	100%	21700	1	86	86	12300 J	5320 J	5360 J	7020 J	4040 J	5030	3120 J	2850 J	
anese	MG/KG	1540	100%	1100	3	86	86	393 J	272 J	283 J	340 J	391 J	1080	371 J	633 J	
ry	MG/KG	1.2	52%	0.1	16	45	86	0.07 U	0.09 J	0.05 U	0.05 U	[redacted] J	0.04 J	0.07 J	0.07 U	
	MG/KG	228	100%	50	1	86	86	19.5 J	20.4 J	33.3 J	44.6 J	19.8 J	37.2	15.5 J	12.7 J	
sium	MG/KG	2340	100%	2623	0	86	86	814 J	972	1160	1400	1210 J	2080	1130	974 J	
um	MG/KG	3.4	23%	2	1	20	86	0.38 U	0.4 J	0.29 U	0.32 U	0.66 J	0.55 J	0.71 J	0.48 U	
	MG/KG	1.7	6%	0.8	1	5	86	0.19 U	0.19 U	0.15 U	0.16 U	0.26 U	1.1 U	0.21 U	0.24 U	
m	MG/KG	1270	34%	188	2	29	86	93.3 J	50.3 U	68.1 J	98.8 J	67.1 U	54.9 J	56.1 U	63 U	
m	MG/KG	5.4	22%	0.855	16	19	86	0.69 U	0.69 U	0.52 U	0.57 U	0.92 U	0.3 U	0.77 U	0.87 U	
ium	MG/KG	1250	100%	150	1	86	86	29.6 J	18.5 J	15.4 J	20 J	17.7 J	31.7	18.1 J	21 J	
	MG/KG	2020	100%	115	29	86	86	[redacted] J	74.4 J	57.8 J	[redacted] J	87.4 J	[redacted]	49.6 J	54.6 J	
ium, Hexavalent	MG/KG	14.7	27%		0	4	15									

Seneca Army Depot Activity
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	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	SEAD-4 SS4-63 SOIL 43059 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-64 SOIL 43060 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-65 SOIL 43065 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-66 SOIL 43066 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-67 SOIL 43067 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-68 SOIL 43061 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-69 SOIL 43062 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-7 SOIL SS4-7 0 0.5 12/13/9 SA ESI N
TILES																
richloroethane	UG/KG	0	0%	800	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	R	14 U	14 UJ	12 UJ	11 R	14 UJ	12 UJ	13 R	2
nchloroethane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	12 U	11 U	14 UJ	12 U	13 UJ	2
hloroethane	UG/KG	2	2%	200	0	2	86	U	14 U	2 J	12 U	11 UJ	14 UJ	12 U	13 U	2
hloroethene	UG/KG	0	0%	400	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
hloroethane	UG/KG	0	0%	100	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
hloroethene (total)	UG/KG	4	3%		0	3	86	U	14 U	4 J	12 U	11 UJ	14 UJ	4 J	13 U	2
hloropropane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 UJ	2
e	UG/KG	140	31%	200	0	27	86	U	14 UJ	14 U	8 J	78 J	14 UJ	12 U	13 U	2
ne	UG/KG	1	1%	60	0	1	86	UJ	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 UJ	2
dichloromethane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 UJ	2
form	UG/KG	0	0%		0	0	86	R	14 U	14 UJ	12 UJ	11 R	14 UJ	12 UJ	13 R	2
disulfide	UG/KG	0	0%	2700	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
tetrachloride	UG/KG	0	0%	600	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
benzene	UG/KG	0	0%	1700	0	0	86	R	14 U	14 UJ	12 UJ	11 R	14 UJ	12 UJ	13 R	2
dibromomethane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 UJ	2
ethane	UG/KG	0	0%	1900	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
form	UG/KG	0	0%	300	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
-Dichloropropene	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 UJ	2
enzene	UG/KG	0	0%	5500	0	0	86	R	14 U	14 UJ	12 UJ	11 R	14 UJ	12 UJ	13 R	2
bromide	UG/KG	0	0%		0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
butyl ketone	UG/KG	9	1%		0	1	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
chloride	UG/KG	0	0%		0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
ethyl ketone	UG/KG	0	0%	300	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
isobutyl ketone	UG/KG	0	0%	1000	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
ene chloride	UG/KG	3	1%	100	0	1	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
e	UG/KG	0	0%		0	0	86	R	14 U	14 UJ	12 UJ	11 R	14 UJ	12 UJ	13 R	2
hloroethene	UG/KG	0	0%	1400	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
e	UG/KG	14	29%	1500	0	25	86	U	14 U	3 J	2 J	11 UJ	12 UJ	3 J	13 U	2
ylenes	UG/KG	0	0%	1200	0	0	86	R	14 U	14 UJ	12 UJ	11 R	14 UJ	12 UJ	13 R	2
,3-Dichloropropene	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 U	2
roethene	UG/KG	3	3%	700	0	3	86	UJ	14 U	3 J	12 U	11 UJ	14 UJ	2 J	13 UJ	2
hloride	UG/KG	0	0%	200	0	0	86	U	14 U	14 U	12 U	11 UJ	14 UJ	12 U	13 UJ	2
OLATILES																
richlorobenzene	UG/KG	0	0%	3400	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
hlorobenzene	UG/KG	0	0%	7900	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 UJ	72
hlorobenzene	UG/KG	0	0%	1600	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
hlorobenzene	UG/KG	0	0%	8500	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	7									72
richlorophenol	UG/KG	0	0%	100	0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 U	170
richlorophenol	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
hlorophenol	UG/KG	0	0%	400	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
nethylphenol	UG/KG	0	0%		0	0	86	UJ	97 UJ	88 UJ	78 UJ	70 UJ	80 UJ	76 UJ	86 UJ	72
itrophenol	UG/KG	0	0%	200	0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 UJ	170
itrotoluene	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
itrotoluene	UG/KG	0	0%	1000	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
ronaphthalene	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 UJ	72
rophenol	UG/KG	0	0%	800	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
ylnaphthalene	UG/KG	35	16%	36400	0	14	86	U	97 U	88 U	78 UJ	70 UJ	7.6 J	76 U	6.1 J	72
ylphenol	UG/KG	0	0%	100	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
aniline	UG/KG	0	0%	430	0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 U	170
phenol	UG/KG	0	0%	330	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
chlorobenzidine	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
aniline	UG/KG	0	0%	500	0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 U	170
itro-2-methylphenol	UG/KG	0	0%		0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 U	170
ophenyl phenyl ether	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
ro-3-methylphenol	UG/KG	0	0%	240	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
roaniline	UG/KG	0	0%	220	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
rophenyl phenyl ether	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
ylphenol	UG/KG	0	0%	900	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U	72
aniline	UG/KG	0	0%		0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 U	170
phenol	UG/KG	0	0%	100	0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 U	170

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SS4-63 SOIL 43059 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-64 SOIL 43060 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-65 SOIL 43065 0 0.2 12/6/98 SA RI Phase 1 Step 1	SEAD-4 SS4-66 SOIL 43066 0 0.2 12/6/98 SA RI Phase 1 Step 1	SEAD-4 SS4-67 SOIL 43067 0 0.2 12/6/98 SA RI Phase 1 Step 1	SEAD-4 SS4-68 SOIL 43061 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-69 SOIL 43062 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-7 SOIL SS4-7 0 12/13/9 SA ESI
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	N	N	N	N	N	N	N
aphthene	UG/KG	78	9%	50000	0	8	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 UJ
aphthylene	UG/KG	32	9%	41000	0	8	86	UJ	97 UJ	88 UJ	78 UJ	70 UJ	13 J	76 UJ	86 UJ
acene	UG/KG	110	17%	50000	0	15	86	U	97 U	17 J	78 UJ	70 UJ	8.5 J	76 U	7.8 J
o(a)anthracene	UG/KG	560	83%	224	5	71	86	J	10 J	16 J	16 J	12 J	38 J	76 U	47 J
o(a)pyrene	UG/KG	450	80%	61	11	69	86	J	12 J	23 J	18 J	12 J	42 J	76 U	57 J
o(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	J	14 J	34 J	46 J	36 J	99 J	76 U	170 J
o(ghi)perylene	UG/KG	310	55%	50000	0	47	86	U	97 U	22 J	20 J	12 J	54 J	76 U	57 J
o(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	J	17 J	28 J	78 R	70 R	80 R	76 U	86 R
-Chloroethoxy)methane	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
-Chloroethyl)ether	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
-Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	J	46 J	220	68 J	65 J	67 J	120	13000 J
benzylphthalate	UG/KG	12000	12%	50000	0	10	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	46 J
azole	UG/KG	120	22%		0	19	86	U	97 U	88 U	78 UJ	70 UJ	6.5 J	76 U	86 U
sene	UG/KG	570	86%	400	4	74	86	J	15 J	25 J	27 J	17 J	56 J	7 J	74 J
butylphthalate	UG/KG	220	44%	8100	0	38	86	J	11 J	10 J	9.4 J	110 J	7.1 J	15 J	86 UJ
octylphthalate	UG/KG	44	8%	50000	0	7	86	U	97 U	88 U	78 UJ	4.8 J	80 UJ	76 U	86 U
nz(a,h)anthracene	UG/KG	130	22%	14	12	19	86	U	97 U	88 U	78 UJ	70 UJ	[redacted] J	76 U	86 U
nzofuran	UG/KG	58	16%	6200	0	14	86	U	97 U	88 U	4.6 J	70 UJ	5 J	76 U	4.6 J
yl phthalate	UG/KG	22	16%	7100	0	14	86	J	7.1 J	14 J	78 UJ	70 UJ	80 UJ	6.1 J	86 UJ
thylphthalate	UG/KG	0	0%	2000	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
anthene	UG/KG	1100	93%	50000	0	80	86	J	24 J	42 J	43 J	28 J	63 J	7 J	130
ene	UG/KG	74	6%	50000	0	5	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
chlorobenzene	UG/KG	0	0%	410	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
chlorobutadiene	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 UJ
chlorocyclopentadiene	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
chloroethane	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 UJ
o(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	U	97 U	17 J	9.3 UJ	10 UJ	39 J	76 U	50 J
orone	UG/KG	0	0%	4400	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 UJ
rosodiphenylamine	UG/KG	19	1%		0	1	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
rosodipropylamine	UG/KG	0	0%		0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
thalene	UG/KG	74	13%	13000	0	11	86	U	97 U	88 U	78 UJ	70 UJ	6.4 J	76 U	4.5 J
benzene	UG/KG	0	0%	200	0	0	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 UJ
achlorophenol	UG/KG	0	0%	1000	0	0	86	U	240 U	210 U	190 UJ	170 UJ	190 UJ	180 U	210 U
anthrene	UG/KG	640	87%	50000	0	75	86	J	15 J	17 J	22 J	14 J	34 J	6 J	59 J
ol	UG/KG	17	2%	30	0	2	86	U	97 U	88 U	78 UJ	70 UJ	80 UJ	76 U	86 U
ne	UG/KG	990	88%	50000	0	76	86	J	17 J	27 J	32 UJ	20 J	50 J	5.8 J	90
LOSIVES															
-Trinitrobenzene	UG/KG	120	1%		0	1	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
initrobenzene	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
-Trinitrotoluene	UG/KG	72	1%		0	1	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
initrotoluene	UG/KG	330	2%		0	2	86	U	120 U	120 U	120 U	280	120 U	120 U	120 U
initrotoluene	UG/KG	0	0%	1000	0	0	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
otoluene	UG/KG	0	0%		0	0	79	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
no-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
otoluene	UG/KG	0	0%		0	0	79	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
otoluene	UG/KG	390	1%		0	1	79	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
benzene	UG/KG	0	0%	200	0	0	79	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
	UG/KG	0	0%		0	0	86	U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
TICIDES/PCBs															
DD	UG/KG	190	23%	2900	0	20	86	U	5 U	14	3.9 U	3.5 U	3.9 U	36	3.2 J
DE	UG/KG	160	31%	2100	0	27	86		5 U	4.4 U	3.7 J	4	7.9	4.1 J	30
DT	UG/KG	760	34%	2100	0	29	86		15 J	3.4 J	2.2 J	3.5 U	4.7	8.9 J	30 J
	UG/KG	2.2	1%	41	0	1	86	U	2.5 U	2.2 U	2 U	1.8 U	2 U	1.9 U	2.2 U
-BHC	UG/KG	2.4	6%	110	0	5	86	U	2.5 U	2.2 U	2 U	1.8 U	2.2 J	1.9 U	2.2 U
-Chlordane	UG/KG	4.9	9%		0	8	86	U	2.5 U	2.2 U	2 U	1.8 U	2 U	1.9 U	2.2 U
or-1016	UG/KG	0	0%		0	0	86	U	50 U	44 U	39 U	35 U	39 U	38 U	43 U
or-1221	UG/KG	0	0%		0	0	86	U	99 U	89 U	79 U	70 U	80 U	77 U	87 U
or-1232	UG/KG	0	0%		0	0	86	U	50 U	44 U	39 U	35 U	39 U	38 U	43 U
or-1242	UG/KG	0	0%		0	0	86	U	50 U	44 U	39 U	35 U	39 U	38 U	43 U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	SEAD-4 SS4-63 SOIL 43059 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-64 SOIL 43060 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-65 SOIL 43065 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-66 SOIL 43066 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-67 SOIL 43067 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-68 SOIL 43061 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-69 SOIL 43062 0 0.2 12/4/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-7 SOIL SS4-7 0. 12/13/9 SA ESI N
r-1248	UG/KG	0	0%		0	0	86	U	50 U	44 U	39 U	35 U	39 U	38 U	43 U	7
r-1254	UG/KG	310	26%	10000	0	22	86	U	50 U	44 U	39 U	35 U	38 J	38 U	310 J	7
r-1260	UG/KG	110	3%	10000	0	3	86	U	50 U	44 U	39 U	35 U	39 U	38 U	50	11
BHC	UG/KG	7.6	12%	200	0	10	86	U	2.5 U	2.2 U	2 U	2.4 J	2 U	1.9 U	2.2 U	3.
BHC	UG/KG	0	0%	300	0	0	86	U	2.5 U	2.2 U	2 U	1.8 U	2 U	1.9 U	2.2 U	3.
n	UG/KG	7.4	6%	44	0	5	86	U	5 U	4.4 U	3.9 U	3.5 U	3.9 U	3.8 U	6.8 J	7.
ulfan I	UG/KG	1.7	5%	900	0	4	86	U	2.5 U	2.2 U	2 U	1.8 U	2 U	1.9 U	2.2 U	3.
ulfan II	UG/KG	5.2	3%	900	0	3	86	U	5 U	4.4 U	3.9 U	3.5 U	3.9 U	5.2 J	4.3 U	7.
ulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	U	5 U	4.4 U	3.9 U	3.5 U	3.9 U	3.8 U	4.3 U	7.
	UG/KG	27	3%	100	0	3	86	U	5 U	4.4 U	3.9 U	3.5 U	3.9 U	2.4 J	4.3 U	7.
aldehyde	UG/KG	20	12%		0	10	86	U	5 U	4.4 U	3.9 U	3.5 U	3.9 U	3.8 U	5.4 J	7.
ketone	UG/KG	4.2	3%		0	3	86	U	5 U	4.4 U	3.9 U	3.5 U	3.9 U	3.8 U	4.3 U	7.
a-BHC/Lindane	UG/KG	0	0%	60	0	0	86	U	2.5 U	2.2 U	2 U	1.8 U	2 U	1.9 U	2.2 U	3.
a-Chlordane	UG/KG	7.4	9%	540	0	8	86	U	2.5 U	2.2 U	2 U	1.8 U	2 U	2.1 J	4 J	3.
chlor	UG/KG	4.2	3%	100	0	3	86	U	2.5 U	4.2	2 U	1.8 U	2 U	1.9 U	2.2 U	3.
chlor epoxide	UG/KG	3.6	5%	20	0	4	86	U	2.5 U	2.2 U	2 U	1.8 U	2 U	1.9 U	2.9 J	3.
xychlor	UG/KG	0	0%		0	0	86	U	25 U	22 U	20 U	18 U	20 U	19 U	22 U	3
hene	UG/KG	0	0%		0	0	86	U	250 U	220 U	200 U	180 U	200 U	190 U	220 U	37
ICIDES																
T	UG/KG	0	0%	1900	0	0	7									1
TP/Silvex	UG/KG	0	0%	700	0	0	7									1
	UG/KG	0	0%	500	0	0	7									11
3	UG/KG	0	0%		0	0	7									11
on	UG/KG	0	0%		0	0	7									26
ba	UG/KG	0	0%		0	0	7									1
roprop	UG/KG	0	0%		0	0	7									11
eb	UG/KG	0	0%		0	0	7									5
	UG/KG	0	0%		0	0	7									1100
	UG/KG	0	0%		0	0	7									1100
LS																
ium	MG/KG	18800	100%	19520	0	86	86	J	12300 J	9930 J	11400 J	9230 J	10700 J	9770 J	9970 J	1410
ony	MG/KG	148	40%	6	15	34	86	R	0.89 R	0.62 R	0.53 R	0.99 J	0.68 R	0.64 R	5.2 J	7.
c	MG/KG	14.6	100%	8.9	4	86	86		3.8	4.1	3.9	3.9	4.1	4.1	5	13
n	MG/KG	278	100%	300	0	86	86	J	82 J	80.3 J	28.4 J	31.3 J	31.8 J	64.6 J	52.1 J	27
um	MG/KG	1.8	100%	1.13	1	86	86	J	0.62 J	0.5 J	0.58 J	0.49 J	0.57 J	0.47 J	0.57 J	1.
um	MG/KG	2.3	13%	2.46	0	11	86	U	0.06 U	0.21 J	0.09 U	1.3	0.11 U	0.04 U	2.3	1.
m	MG/KG	196000	100%	125300	3	86	86	J	2700 J	14600 J	21700	40300	43800	40300 J	56100	1960
ium	MG/KG	18600	100%	30	37	86	86		21.1	36.7	22 J	19 J	21.2 J	17.5	41.5 J	34
	MG/KG	19.9	100%	30	0	86	86	J	7.3 J	8 J	11.8	9.8	10.8 J	10.6	10.7 J	12.
r	MG/KG	7330	100%	33	30	86	86		14.7	18	29.1 J	27.1 J	28.4 J	28	35 J	31
de	MG/KG	0.87	2%	0.35	2	2	86	U	0.86 U	0.72 U	0.63 U	0.6 U	0.65 U	0.62 U	0.74 U	0.8
	MG/KG	64600	100%	37410	2	86	86	J	19200 J	18500 J	26100 J	21600 J	24300 J	21400 J	22200 J	6460
	MG/KG	11200	92%	24.4	36	79	86	J	45.3 J	[illegible] J	[illegible]	[illegible]	37.4	20.7 J	[illegible]	10
sium	MG/KG	35300	100%	21700	1	86	86	J	3260 J	7230 J	6590 J	7180 J	8010 J	6420 J	10200 J	855
anese	MG/KG	1540	100%	1100	3	86	86	J	284 J	427 J	327	286	346	381 J	381	121
ry	MG/KG	1.2	52%	0.1	16	45	86	U	0.09 J	0.08 J	0.05 UJ	0.05 UJ	0.06 UJ	0.05 U	0.06 UJ	0.1
	MG/KG	228	100%	50	1	86	86	J	15.8 J	16.8 J	44.1	37.3	39.8	25.8 J	33.5	21
ium	MG/KG	2340	100%	2623	0	86	86		1180 J	1560	1250	955	1420	1070	1470	234
um	MG/KG	3.4	23%	2	1	20	86	U	0.58 U	0.45 J	0.62 U	0.51 U	0.79 U	0.41 U	1.1 J	3.
	MG/KG	1.7	6%	0.8	1	5	86	U	0.29 U	0.2 U	0.17 U	0.14 U	0.22 U	0.21 U	0.23 U	1.
n	MG/KG	1270	34%	188	2	29	86	U	75.4 U	52.7 U	71.1 J	109 J	84.6 J	54 U	93.9 J	121
m	MG/KG	5.4	22%	0.855	16	19	86	U	1 U	0.72 U	0.62 U	0.74 J	[illegible] J	0.74 U	1.9 J	0.4
ium	MG/KG	1250	100%	150	1	86	86	J	23 J	18.1 J	26.3 J	27 J	28.9 J	17 J	25.4 J	115
	MG/KG	2020	100%	115	29	86	86	J	63.9 J	[illegible] J	77.3	[illegible]	83.4	58.1 J	183	15
ium, Hexavalent	MG/KG	14.7	27%		0	4	15									

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SS4-70 SOIL 43063 0 0.2 12/4/98 SA	SEAD-4 SS4-71 SOIL 43064 0 0.2 12/4/98 SA	SEAD-4 SS4-72 SOIL 43068 0 0.2 12/4/98 SA	SEAD-4 SS4-73 SOIL 43070 0 0.2 12/6/98 DU	SEAD-4 SS4-73 SOIL 43069 0 0.2 12/6/98 SA	SEAD-4 SS4-74 SOIL 43071 0 0.2 12/4/98 SA	SEAD-4 SS4-75 SOIL 43072 0 0.2 12/6/98 SA	SEAD-4 SS4-76 SOIL 43073 0 0.2 12/6/98 SA
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N
TILES															
Trichloroethane	UG/KG	0	0%	800	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	11 UJ	11 UJ	15 UJ	15 UJ	15 U	14 UJ	12 R	13 U
Trichloroethane	UG/KG	0	0%		0	0	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
chloroethane	UG/KG	2	2%	200	0	2	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
chloroethene	UG/KG	0	0%	400	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
chloroethane	UG/KG	0	0%	100	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
chloroethene (total)	UG/KG	4	3%		0	3	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
chloropropane	UG/KG	0	0%		0	0	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
ne	UG/KG	140	31%	200	0	27	86	12	8 J	6 J	15 J	15 UJ	14 U	12 R	13 U
ne	UG/KG	1	1%	60	0	1	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
dichloromethane	UG/KG	0	0%		0	0	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
form	UG/KG	0	0%		0	0	86	11 UJ	11 UJ	15 UJ	15 UJ	15 U	14 UJ	12 R	13 U
n disulfide	UG/KG	0	0%	2700	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
n tetrachloride	UG/KG	0	0%	600	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
benzene	UG/KG	0	0%	1700	0	0	86	11 UJ	11 UJ	15 UJ	15 UJ	15 U	14 UJ	12 R	13 U
dibromomethane	UG/KG	0	0%		0	0	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
ethane	UG/KG	0	0%	1900	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
form	UG/KG	0	0%	300	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
3-Dichloropropene	UG/KG	0	0%		0	0	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
enzene	UG/KG	0	0%	5500	0	0	86	11 UJ	11 UJ	15 UJ	15 UJ	15 U	14 UJ	12 R	13 U
bromide	UG/KG	0	0%		0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
butyl ketone	UG/KG	9	1%		0	1	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
chloride	UG/KG	0	0%		0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
ethyl ketone	UG/KG	0	0%	300	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
isobutyl ketone	UG/KG	0	0%	1000	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
ene chloride	UG/KG	3	1%	100	0	1	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
e	UG/KG	0	0%		0	0	86	11 UJ	11 UJ	15 UJ	15 UJ	15 U	14 UJ	12 R	13 U
hloroethene	UG/KG	0	0%	1400	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
e	UG/KG	14	29%	1500	0	25	86	4 J	5 J	15 U	15 U	15 U	14 U	6 J	13 U
Xylenes	UG/KG	0	0%	1200	0	0	86	11 UJ	11 UJ	15 UJ	15 UJ	15 U	14 UJ	12 R	13 U
1,3-Dichloropropene	UG/KG	0	0%		0	0	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
roethene	UG/KG	3	3%	700	0	3	86	11 UJ	11 U	15 UJ	15 U	15 U	14 U	12 R	13 U
hloride	UG/KG	0	0%	200	0	0	86	11 U	11 U	15 U	15 U	15 U	14 U	12 R	13 U
VOLATILES															
Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
chlorobenzene	UG/KG	0	0%	7900	0	0	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
chlorobenzene	UG/KG	0	0%	1600	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
chlorobenzene	UG/KG	0	0%	8500	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	7								
Trichlorophenol	UG/KG	0	0%	100	0	0	86	280 U	180 U	250 U	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ
Trichlorophenol	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
chlorophenol	UG/KG	0	0%	400	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
methylphenol	UG/KG	0	0%		0	0	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
nitrophenol	UG/KG	0	0%	200	0	0	86	280 U	180 UJ	250 UJ	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ
nitrotoluene	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
nitrotoluene	UG/KG	0	0%	1000	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
ronaphthalene	UG/KG	0	0%		0	0	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
rophenol	UG/KG	0	0%	800	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
ylnaphthalene	UG/KG	35	16%	36400	0	14	86	14 J	5.3 J	100 U	98 UJ	97 UJ	96 UJ	5.7 J	92 UJ
ylphenol	UG/KG	0	0%	100	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
aniline	UG/KG	0	0%	430	0	0	86	280 U	180 U	250 U	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ
phenol	UG/KG	0	0%	330	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
chlorobenzidine	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	98 UJ	81 UJ	92 UJ
aniline	UG/KG	0	0%	500	0	0	86	280 U	180 U	250 U	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ
nitro-2-methylphenol	UG/KG	0	0%		0	0	86	280 U	180 U	250 U	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ
nophenyl phenyl ether	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
ro-3-methylphenol	UG/KG	0	0%	240	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
roaniline	UG/KG	0	0%	220	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
rophenyl phenyl ether	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
ylphenol	UG/KG	0	0%	900	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
aniline	UG/KG	0	0%		0	0	86	280 U	180 U	250 U	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ
phenol	UG/KG	0	0%	100	0	0	86	280 U	180 U	250 U	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SS4-70 SOIL 43063 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-71 SOIL 43064 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-72 SOIL 43068 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-73 SOIL 43070 0 0.2 12/6/98 DU RI Phase 1 Step 1	SEAD-4 SS4-73 SOIL 43069 0 0.2 12/6/98 SA RI Phase 1 Step 1	SEAD-4 SS4-74 SOIL 43071 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-75 SOIL 43072 0 0.2 12/6/98 SA RI Phase 1 Step 1	SEAD-4 SS4-76 SOIL 43073 0 0.2 12/6/98 SA RI Phase 1 Step 1
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N
phthene	UG/KG	78	9%	50000	0	8	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
phthylene	UG/KG	32	9%	41000	0	8	86	120 UJ	76 UJ	100 UJ	98 UJ	5.7 J	96 UJ	81 UJ	92 UJ
cene	UG/KG	110	17%	50000	0	15	86	12 J	76 UJ	100 UJ	8.2 J	31 J	96 UJ	81 UJ	92 UJ
(a)anthracene	UG/KG	560	83%	224	5	71	86	50 J	11 J	31 J	42 J	150 J	24 J	21 J	9.7 J
(a)pyrene	UG/KG	450	80%	61	11	69	86	59 J	8.6 J	31 J	41 J	[redacted] J	24 J	26 J	12 J
(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	110 J	45 J	76 J	44 J	180 J	59 J	51 J	24 J
(ghi)perylene	UG/KG	310	55%	50000	0	47	86	66 J	9.4 J	32 J	38 J	100 J	19 J	25 J	12 J
(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	120 R	76 R	100 R	44 J	120 J	96 R	81 UJ	92 R
Chloroethoxy)methane	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
Chloroethyl)ether	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	630	90	31 J	16 J	16 J	35 J	23 J	19 J
enzylphthalate	UG/KG	12000	12%	50000	0	10	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	4.9 J	92 UJ
zole	UG/KG	120	22%		0	19	86	7.6 J	7.1 J	100 U	8.4 J	24 J	96 UJ	81 UJ	92 UJ
ene	UG/KG	570	86%	400	4	74	86	73 J	36 J	41 J	50 J	150 J	34 J	33 J	14 J
utylphthalate	UG/KG	220	44%	8100	0	38	86	120 UJ	76 UJ	100 UJ	5 J	5.6 J	96 UJ	4.9 J	21 J
ctylphthalate	UG/KG	44	8%	50000	0	7	86	120 U	6.5 J	5.5 J	98 UJ	97 UJ	96 UJ	81 UJ	5.5 J
z(a,h)anthracene	UG/KG	130	22%	14	12	19	86	[redacted] J	76 U	100 U	9.8 J	[redacted] J	10 J	11 J	5.1 J
zofuran	UG/KG	58	16%	6200	0	14	86	120 U	6.2 J	100 U	98 UJ	97 UJ	96 UJ	7.8 J	92 UJ
phthalate	UG/KG	22	16%	7100	0	14	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
ylphthalate	UG/KG	0	0%	2000	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
nthene	UG/KG	1100	93%	50000	0	80	86	130	120	68 J	110 J	390 J	54 J	57 J	23 J
ne	UG/KG	74	6%	50000	0	5	86	120 U	76 U	100 U	98 UJ	9.9 J	96 UJ	81 UJ	92 UJ
hlorobenzene	UG/KG	0	0%	410	0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
hlorobutadiene	UG/KG	0	0%		0	0	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
hlorocyclopentadiene	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
hloroethane	UG/KG	0	0%		0	0	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	51 J	9.2 J	21 J	35 J	93 UJ	20 J	23 J	12 J
rone	UG/KG	0	0%	4400	0	0	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
sodiphenylamine	UG/KG	19	1%		0	1	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
sodipropylamine	UG/KG	0	0%		0	0	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
halene	UG/KG	74	13%	13000	0	11	86	8.3 J	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	4.3 J	92 UJ
enzene	UG/KG	0	0%	200	0	0	86	120 UJ	76 UJ	100 UJ	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
chlorophenol	UG/KG	0	0%	1000	0	0	86	280 U	180 U	250 U	240 UJ	240 UJ	230 UJ	200 UJ	220 UJ
nthrene	UG/KG	640	87%	50000	0	75	86	62 J	97	27 J	62 J	230 J	24 J	30 J	12 J
	UG/KG	17	2%	30	0	2	86	120 U	76 U	100 U	98 UJ	97 UJ	96 UJ	81 UJ	92 UJ
	UG/KG	990	88%	50000	0	76	86	90 J	68 J	51 J	84 J	310 J	43 J	43 J	18 J
OSIVES															
Trinitrobenzene	UG/KG	120	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
itrobenzene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
Trinitrotoluene	UG/KG	72	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
itrotoluene	UG/KG	330	2%		0	2	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
itrotoluene	UG/KG	0	0%	1000	0	0	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
toluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
o-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
toluene	UG/KG	0	0%		0	0	79	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
toluene	UG/KG	390	1%		0	1	79	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
enzene	UG/KG	0	0%	200	0	0	79	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
	UG/KG	0	0%		0	0	86	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
CIDES/PCBs															
DD	UG/KG	190	23%	2900	0	20	86	3.5 U	3.8 U	5.1 U	4.9 U	4.8 U	4.8 U	4.1 U	4.6 U
DE	UG/KG	160	31%	2100	0	27	86	29	3.8 U	3.6 J	4.9 U	4.8 U	4.8 U	5.3	4.8
DT	UG/KG	760	34%	2100	0	29	86	37 J	3.8 U	4.5 J	3.3 J	4.8 U	2.6 J	4.1 U	4.5 J
	UG/KG	2.2	1%	41	0	1	86	1.8 U	2 U	2.6 U	2.5 U	2.5 U	2.5 U	2.1 U	2.3 U
BHC	UG/KG	2.4	6%	110	0	5	86	1.8 U	2 U	2.6 U	2.5 U	2.5 U	2.5 U	1 J	2.3 U
Chlordane	UG/KG	4.9	9%		0	8	86	1.1 J	2 U	2.6 U	2.5 U	2.5 U	2.5 U	2.1 U	2.3 U
r-1016	UG/KG	0	0%		0	0	86	35 U	38 U	51 U	49 U	48 U	48 U	41 U	46 U
r-1221	UG/KG	0	0%		0	0	86	71 U	77 U	100 U	100 U	98 U	97 U	83 U	92 U
r-1232	UG/KG	0	0%		0	0	86	35 U	38 U	51 U	49 U	48 U	48 U	41 U	46 U
r-1242	UG/KG	0	0%		0	0	86	35 U	38 U	51 U	49 U	48 U	48 U	41 U	46 U

Seneca Army Depot Activity
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								SEAD-4 SS4-70 SOIL 43063 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-71 SOIL 43064 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-72 SOIL 43068 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-73 SOIL 43070 0 0.2 12/6/98 DU RI Phase 1 Step 1	SEAD-4 SS4-73 SOIL 43069 0 0.2 12/6/98 SA RI Phase 1 Step 1	SEAD-4 SS4-74 SOIL 43071 0 0.2 12/4/98 SA RI Phase 1 Step 1	SEAD-4 SS4-75 SOIL 43072 0 0.2 12/6/98 SA RI Phase 1 Step 1	SEAD-4 SS4-76 SOIL 43073 0 0.2 12/6/98 SA RI Phase 1 Step 1
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N
or-1248	UG/KG	0	0%		0	0	86	35 U	38 U	51 U	49 U	48 U	48 U	41 U	46 U
or-1254	UG/KG	310	26%	10000	0	22	86	180	38	54	36 J	48 U	48 U	41 U	46 U
or-1260	UG/KG	110	3%	10000	0	3	86	29 J	38 U	51 U	49 U	48 U	48 U	41 U	46 U
BHC	UG/KG	7.6	12%	200	0	10	86	3.3 J	2 U	2.6 U	2.5 U	2.5 U	2.5 U	3.7 J	2.3 U
-BHC	UG/KG	0	0%	300	0	0	86	1.8 U	2 U	2.6 U	2.5 U	2.5 U	2.5 U	2.1 U	2.3 U
rin	UG/KG	7.4	6%	44	0	5	86	4.4 J	3.8 U	5.1 U	4.9 U	4.8 U	4.8 U	4.1 U	4.6 U
sulfan I	UG/KG	1.7	5%	900	0	4	86	1.8 U	2 U	2.6 U	2.5 U	2.5 U	2.5 U	2.1 U	2.3 U
sulfan II	UG/KG	5.2	3%	900	0	3	86	3.5 U	3.8 U	5.1 U	4.9 U	4.8 U	4.8 U	4.1 U	4.6 U
sulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	3.5 U	3.8 U	5.1 U	4.9 U	4.8 U	4.8 U	4.1 U	4.6 U
n	UG/KG	27	3%	100	0	3	86	3.5 U	3.8 U	5.1 U	4.9 U	4.8 U	4.8 U	4.1 U	4.6 U
n aldehyde	UG/KG	20	12%		0	10	86	3.9 J	3.8 U	5.1 U	4.9 U	4.8 U	4.8 U	4.1 U	4.6 U
n ketone	UG/KG	4.2	3%		0	3	86	3.5 U	3.8 U	5.1 U	4.9 U	4.8 U	4.8 U	4.1 U	4.6 U
ma-BHC/Lindane	UG/KG	0	0%	60	0	0	86	1.8 U	2 U	2.6 U	2.5 U	2.5 U	2.5 U	2.1 U	2.3 U
ma-Chlordane	UG/KG	7.4	9%	540	0	8	86	7.4 J	2 U	2.6 U	2.5 U	2.5 U	2.5 U	2.1 U	2.3 U
achlor	UG/KG	4.2	3%	100	0	3	86	1.8 U	2 U	2.6 U	2.5 U	2.5 U	2.5 U	1.1 J	2.3 U
achlor epoxide	UG/KG	3.6	5%	20	0	4	86	3.6 J	2 U	2.6 U	2.5 U	2.5 U	2.5 U	2.1 U	2.3 U
oxychlor	UG/KG	0	0%		0	0	86	18 U	20 U	26 U	25 U	25 U	25 U	21 U	23 U
phene	UG/KG	0	0%		0	0	86	180 U	200 U	260 U	250 U	250 U	250 U	210 U	230 U
BICIDES															
-T	UG/KG	0	0%	1900	0	0	7								
-TP/Silvex	UG/KG	0	0%	700	0	0	7								
	UG/KG	0	0%	500	0	0	7								
B	UG/KG	0	0%		0	0	7								
non	UG/KG	0	0%		0	0	7								
nba	UG/KG	0	0%		0	0	7								
oroprop	UG/KG	0	0%		0	0	7								
eb	UG/KG	0	0%		0	0	7								
A	UG/KG	0	0%		0	0	7								
P	UG/KG	0	0%		0	0	7								
ALS															
inum	MG/KG	18800	100%	19520	0	86	86	5690 J	5060 J	12500 J	11100 J	11500 J	10100 J	12400 J	11700 J
ony	MG/KG	148	40%	6	15	34	86	0.48 R	0.66 R	0.91 R	0.63 R	0.63 R	1.4 J	0.64 R	0.79 R
ic	MG/KG	14.6	100%	8.9	4	86	86	4.1	2.6	4.9	3.4	3.9	4.1	4.8	4.7
m	MG/KG	278	100%	300	0	86	86	32.1 J	26.2 J	97.9 J	74.4 J	75.9 J	85.5 J	39.5 J	86.3 J
lium	MG/KG	1.8	100%	1.13	1	86	86	0.36 J	0.31 J	0.66 J	0.61 J	0.62 J	0.56 J	0.63 J	0.68 J
nium	MG/KG	2.3	13%	2.46	0	11	86	1.1	0.11 U	0.15 U	0.1 U	0.1 U	0.09 U	0.1 U	0.13 U
um	MG/KG	196000	100%	125300	3	86	86	90100	51000	6620	3990	4050	9020	10500	5770
mium	MG/KG	18600	100%	30	37	86	86	17.7 J	8.9 J	19.5 J	17.4 J	17.8 J	20.6 J	23.7 J	17.8 J
lt	MG/KG	19.9	100%	30	0	86	86	7.1 J	5.5 J	10.3 J	8.6 J	8.8 J	9.3 J	12.6	10.1 J
er	MG/KG	7330	100%	33	30	86	86	46.2 J	15 J	24.1 J	19.4 J	19.5 J	22 J	28.3 J	23.8 J
ide	MG/KG	0.87	2%	0.35	2	2	86	0.62 U	0.66 U	0.85 U	0.79 U	0.78 U	0.82 U	0.64 U	0.72 U
	MG/KG	64600	100%	37410	2	86	86	37900 J	11600 J	23100 J	19700 J	20300 J	21800 J	28200 J	22500 J
	MG/KG	11200	92%	24.4	36	79	86	44.9	10.4	[illegible]	[illegible] J	[illegible]	[illegible]	[illegible] J	19.9
esium	MG/KG	35300	100%	21700	1	86	86	8970 J	8600 J	4920 J	3660 J	3740 J	4610 J	6340 J	4120 J
anese	MG/KG	1540	100%	1100	3	86	86	378	298	481	313	318	555	385	515
ury	MG/KG	1.2	52%	0.1	16	45	86	0.05 UJ	0.05 U	0.08 UJ	0.09 J	0.09 J	0.07 UJ	0.06 UJ	0.06 UJ
l	MG/KG	228	100%	50	1	86	86	21.7	16.3	29.9	25.9	26.1	26.2	44.9	27.7
ssium	MG/KG	2340	100%	2623	0	86	86	921	997 J	2020	1600	1620	1730	1570	1370
ium	MG/KG	3.4	23%	2	1	20	86	0.56 U	0.76 U	1.1 U	0.73 J	0.73 U	0.68 U	0.74 U	0.91 U
	MG/KG	1.7	6%	0.8	1	5	86	0.22 J	0.21 U	0.29 U	0.2 U	0.2 U	0.19 U	0.21 U	0.25 U
m	MG/KG	1270	34%	188	2	29	86	184 J	66.6 J	76.5 U	53.2 U	53 U	49.7 U	66.2 J	66.6 U
um	MG/KG	5.4	22%	0.855	16	19	86	0.56 U	0.76 U	[illegible] J	[illegible] J	[illegible] J	0.68 U	0.74 U	0.91 U
dium	MG/KG	1250	100%	150	1	86	86	13.9 J	9 J	29.6 J	34 J	34.9 J	30.7 J	20.8 J	21.4 J
	MG/KG	2020	100%	115	29	86	86	[illegible]	45.7	95.4	85.5	90.6	92.7	78.9	87.6
mium, Hexavalent	MG/KG	14.7	27%		0	4	15								

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	SEAD-4 SS4-78 SOIL 43075 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-79 SOIL 43076 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-8 SOIL 43001 0 0.2 12/1/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-8 SOIL 43183 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-80 SOIL 43077 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-81 SOIL 43078 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-82 SOIL 43079 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4 83 SOIL 4310 0 0.2 12/16/9 DU RI Phase 1 N
TILES																
richloroethane	UG/KG	0	0%	800	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	UJ	14 U	14 UJ	13 U		14 U	15 UJ	14 UJ	1
richloroethane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
chloroethane	UG/KG	2	2%	200	0	2	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
chloroethene	UG/KG	0	0%	400	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
chloroethane	UG/KG	0	0%	100	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
chloroethene (total)	UG/KG	4	3%		0	3	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
chloropropane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
e	UG/KG	140	31%	200	0	27	86	J	14 U	13 J	10 J		27	140	14 U	
ne	UG/KG	1	1%	60	0	1	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
dichloromethane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
form	UG/KG	0	0%		0	0	86	UJ	14 U	14 UJ	13 U		14 U	15 UJ	14 UJ	1
n disulfide	UG/KG	0	0%	2700	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
n tetrachloride	UG/KG	0	0%	600	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
benzene	UG/KG	0	0%	1700	0	0	86	UJ	14 U	14 UJ	13 U		14 U	15 UJ	14 UJ	1
dibromomethane	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
ethane	UG/KG	0	0%	1900	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
form	UG/KG	0	0%	300	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
-Dichloropropene	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
enzene	UG/KG	0	0%	5500	0	0	86	UJ	14 U	14 UJ	13 U		14 U	15 UJ	14 UJ	1
bromide	UG/KG	0	0%		0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
butyl ketone	UG/KG	9	1%		0	1	86	U	14 U	14 U	9 J		14 U	15 U	14 U	1
chloride	UG/KG	0	0%		0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
ethyl ketone	UG/KG	0	0%	300	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
isobutyl ketone	UG/KG	0	0%	1000	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
ene chloride	UG/KG	3	1%	100	0	1	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
e	UG/KG	0	0%		0	0	86	UJ	14 U	14 UJ	13 U		14 U	15 UJ	14 UJ	1
loroethene	UG/KG	0	0%	1400	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
e	UG/KG	14	29%	1500	0	25	86	U	14 U	14 U	6 J		14 U	15 U	14 U	1
Xylenes	UG/KG	0	0%	1200	0	0	86	UJ	14 U	14 UJ	13 U		14 U	15 UJ	14 UJ	1
1,3-Dichloropropene	UG/KG	0	0%		0	0	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
roethene	UG/KG	3	3%	700	0	3	86	UJ	14 U	14 U	13 U		14 U	15 UJ	14 U	1
hloride	UG/KG	0	0%	200	0	0	86	U	14 U	14 U	13 U		14 U	15 U	14 U	1
VOLATILES																
richlorobenzene	UG/KG	0	0%	3400	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
chlorobenzene	UG/KG	0	0%	7900	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
chlorobenzene	UG/KG	0	0%	1600	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
chlorobenzene	UG/KG	0	0%	8500	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	7									
richlorophenol	UG/KG	0	0%	100	0	0	86	UJ	220 UJ	210 UJ	210 U		220 UJ	230 UJ	220 UJ	24
richlorophenol	UG/KG	0	0%		0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
chlorophenol	UG/KG	0	0%	400	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
methylphenol	UG/KG	0	0%		0	0	86	UJ	89 UJ	87 UJ	87 UJ		93 UJ	94 UJ	93 UJ	9
nitrophenol	UG/KG	0	0%	200	0	0	86	UJ	220 UJ	210 UJ	210 U		220 UJ	230 UJ	220 UJ	24
nitrotoluene	UG/KG	0	0%		0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
nitrotoluene	UG/KG	0	0%	1000	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
ronaphthalene	UG/KG	0	0%		0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
rophenol	UG/KG	0	0%	800	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
ylnaphthalene	UG/KG	35	16%	36400	0	14	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
ylphenol	UG/KG	0	0%	100	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
aniline	UG/KG	0	0%	430	0	0	86	UJ	220 UJ	210 UJ	210 U		220 UJ	230 UJ	220 UJ	24
phenol	UG/KG	0	0%	330	0	0	86	UJ	89 UJ	87 UJ	87 UJ		93 UJ	94 UJ	93 UJ	9
chlorobenzidine	UG/KG	0	0%		0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
aniline	UG/KG	0	0%	500	0	0	86	UJ	220 UJ	210 UJ	210 U		220 UJ	230 UJ	220 UJ	24
nitro-2-methylphenol	UG/KG	0	0%		0	0	86	UJ	220 UJ	210 UJ	210 U		220 UJ	230 UJ	220 UJ	24
nophenyl phenyl ether	UG/KG	0	0%		0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
ro-3-methylphenol	UG/KG	0	0%	240	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
roaniline	UG/KG	0	0%	220	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
rophenyl phenyl ether	UG/KG	0	0%		0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
ylphenol	UG/KG	0	0%	900	0	0	86	UJ	89 UJ	87 UJ	87 U		93 UJ	94 UJ	93 UJ	9
aniline	UG/KG	0	0%		0	0	86	UJ	220 UJ	210 UJ	210 U		220 UJ	230 UJ	220 UJ	24
phenol	UG/KG	0	0%	100	0	0	86	UJ	220 UJ	210 UJ	210 U		220 UJ	230 UJ	220 UJ	24

Seneca Army Depot Activity
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								SEAD-4 SS4-78 SOIL 43075 0 0.2 12/6/98 SA		SEAD-4 SS4-79 SOIL 43076 0 0.2 12/6/98 SA		SEAD-4 SS4-8 SOIL 43001 0 0.2 12/1/98 SA		SEAD-4 SS4-8 SOIL 43183 0 0.2 7/11/99 SA		SEAD-4 SS4-80 SOIL 43077 0 0.2 12/6/98 SA		SEAD-4 SS4-81 SOIL 43078 0 0.2 12/6/98 SA		SEAD-4 SS4-82 SOIL 43079 0 0.2 12/6/98 SA		SEAD-4 SS4-83 SOIL 4310 0 12/16/ DU	
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABDVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		HEX CHROME		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase
									N		N		N		N		N		N		N		N	
aphthene	UG/KG	78	9%	50000	0	8	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
aphthylene	UG/KG	32	9%	41000	0	8	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
racene	UG/KG	110	17%	50000	0	15	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
o(a)anthracene	UG/KG	560	83%	224	5	71	86	J	8.5	J	4.6	J	13	J			5.2	J	6.6	J	5.1	J		
o(a)pyrene	UG/KG	450	80%	61	11	69	86	J	11	J	6.3	J	17	J			7.7	J	94	UJ	93	UJ		
o(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	J	23	J	12	J	25	J			14	J	94	UJ	93	UJ		
o(ghi)perylene	UG/KG	310	55%	50000	0	47	86	J	11	J	87	UJ	16	J			7.1	J	94	UJ	93	UJ		
o(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	R	89	R	87	R	18	J			93	R	94	UJ	93	UJ		
-Chloroethoxy)methane	UG/KG	0	0%		0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
-Chloroethyl)ether	UG/KG	0	0%		0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
-Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	J	31	J	11	J	87	UJ			18	J	11	J	9.2	J		
benzylphthalate	UG/KG	12000	12%	50000	0	10	86	UJ	89	UJ	87	UJ	87	UJ			93	UJ	94	UJ	93	UJ		
azole	UG/KG	120	22%		0	19	86	UJ	89	UJ	87	UJ	87	UJ			93	UJ	94	UJ	93	UJ		
sene	UG/KG	570	86%	400	4	74	86	J	13	J	7.6	J	20	J			8.7	J	9.5	J	8.8	J		
butylphthalate	UG/KG	220	44%	8100	0	38	86	UJ	4.6	J	87	UJ	87	U			5	J	94	UJ	93	UJ		
octylphthalate	UG/KG	44	8%	50000	0	7	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
nz(a,h)anthracene	UG/KG	130	22%	14	12	19	86	UJ	89	UJ	87	UJ	6.2	J			93	UJ	94	UJ	93	UJ		
nzofuran	UG/KG	58	16%	6200	0	14	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
yl phthalate	UG/KG	22	16%	7100	0	14	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
thylphthalate	UG/KG	0	0%	2000	0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
anthene	UG/KG	1100	93%	50000	0	80	86	J	22	J	12	J	28	J			14	J	15	J	14	J		
ene	UG/KG	74	6%	50000	0	5	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
chlorobenzene	UG/KG	0	0%	410	0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
chlorobutadiene	UG/KG	0	0%		0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
chlorocyclopentadiene	UG/KG	0	0%		0	0	86	UJ	89	UJ	87	UJ	87	UJ			93	UJ	94	UJ	93	UJ		
chloroethane	UG/KG	0	0%		0	0	86	UJ	89	UJ	87	UJ	87	UJ			93	UJ	94	UJ	93	UJ		
no(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	J	9.5	J	87	UJ	14	J			5.6	J	94	UJ	93	UJ		
borone	UG/KG	0	0%	4400	0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
rosodiphenylamine	UG/KG	19	1%		0	1	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
rosodipropylamine	UG/KG	0	0%		0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
thalene	UG/KG	74	13%	13000	0	11	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
benzene	UG/KG	0	0%	200	0	0	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
achlorophenol	UG/KG	0	0%	1000	0	0	86	UJ	220	UJ	210	UJ	210	U			220	UJ	230	UJ	220	UJ		
anthrene	UG/KG	640	87%	50000	0	75	86	J	12	J	7.5	J	12	J			9.4	J	9.8	J	8.4	J		
ol	UG/KG	17	2%	30	0	2	86	UJ	89	UJ	87	UJ	87	U			93	UJ	94	UJ	93	UJ		
ne	UG/KG	990	88%	50000	0	76	86	J	17	J	10	J	22	J			11	J	9.8	J	10	J		
LOSIVES																								
-Trinitrobenzene	UG/KG	120	1%		0	1	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
Dinitrobenzene	UG/KG	0	0%		0	0	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
-Trinitrotoluene	UG/KG	72	1%		0	1	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
Dinitrotoluene	UG/KG	330	2%		0	2	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
Dinitrotoluene	UG/KG	0	0%	1000	0	0	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
rotoluene	UG/KG	0	0%		0	0	79	U	120	U	120	U	120	U			120	U	120	U	120	U		
ino-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
rotoluene	UG/KG	0	0%		0	0	79	U	120	U	120	U	120	U			120	U	120	U	120	U		
rotoluene	UG/KG	390	1%		0	1	79	U	120	U	120	U	120	U			120	U	120	U	120	U		
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
	UG/KG	0	0%		0	0	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
benzene	UG/KG	0	0%	200	0	0	79	U	120	U	120	U	120	U			120	U	120	U	120	U		
	UG/KG	0	0%		0	0	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
t	UG/KG	0	0%		0	0	86	U	120	U	120	U	120	U			120	U	120	U	120	U		
TICIDES/PCBs																								
DD	UG/KG	190	23%	2900	0	20	86	U	4.4	U	4.3	U	3.4	J			2.5	J	4.7	U	4.6	U		
DE	UG/KG	160	31%	2100	0	27	86		4.4	U	4.3	U	4.3	U			4.6	U	4.7	U	3.9	J		
DT	UG/KG	760	34%	2100	0	29	86	U	4.4	U	4.3	U	4.6	J			4.6	U	4.7	U	4.6	U		
n	UG/KG	2.2	1%	41	0	1	86	U	2.3	U	2.2	U	2.2	U			2.4	U	2.4	U	2.4	U		
a-BHC	UG/KG	2.4	6%	110	0	5	86	J	2.3	U	2.2	U	2.2	U			2.4	U	2.4	U	2.4	U		
a-Chlordane	UG/KG	4.9	9%		0	8	86	U	1.7	J	2.2	U	2.2	U			2.4	U	2.6	J	1.4	J		
or-1016	UG/KG	0	0%		0	0	86	U	44	U	43	U	43	U			46	U	47	U	46	U		
or-1221	UG/KG	0	0%		0	0	86	U	90	U	87	U	88	U			94	U	96	U	94	U		
or-1232	UG/KG	0	0%		0	0	86	U	44	U	43	U	43	U			46	U	47	U	46	U		
or-1242	UG/KG	0	0%		0	0	86	U	44	U	43	U	43	U			46	U	47	U	46	U		

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	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	SEAD-4 SS4-78 SOIL 43075 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-79 SOIL 43076 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-8 SOIL 43001 0 0.2 12/1/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-8 SOIL 43183 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-80 SOIL 43077 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-81 SOIL 43078 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-82 SOIL 43079 0 0.2 12/6/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-83 SOIL 43102 0 0.2 12/16/98 DU RI Phase 1 N
r-1248	UG/KG	0	0%		0	0	86	U	44 U	43 U	43 U		46 U	47 U	46 U	4
r-1254	UG/KG	310	26%	10000	0	22	86	U	44 U	43 U	35 J		46 U	47 U	46 U	4
r-1260	UG/KG	110	3%	10000	0	3	86	U	44 U	43 U	43 U		46 U	47 U	46 U	4
HC	UG/KG	7.6	12%	200	0	10	86	J	2.3 U	2.2 U	2.2 U		2.4 U	2.4 U	2.4 U	2.
BHC	UG/KG	0	0%	300	0	0	86	U	2.3 U	2.2 U	2.2 U		2.4 U	2.4 U	2.4 U	2.
n	UG/KG	7.4	6%	44	0	5	86	U	4.4 U	4.3 U	4.3 U		4.6 U	4.7 U	4.6 U	4.
ulfan I	UG/KG	1.7	5%	900	0	4	86	U	2.3 U	2.2 U	2.2 U		2.4 U	2.4 U	2.4 U	2.
ulfan II	UG/KG	5.2	3%	900	0	3	86	U	4.4 U	4.3 U	4.3 U		4.6 U	2.6 J	4.6 U	4.
ulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	U	4.4 U	4.3 U	4.3 U		4.6 U	4.7 U	4.6 U	4.
	UG/KG	27	3%	100	0	3	86	U	4.4 U	4.3 U	4.3 U		4.6 U	4.7 U	4.6 U	4.
aldehyde	UG/KG	20	12%		0	10	86	U	4.4 U	4.3 U	4.3 U		4.6 U	20 J	4.6 U	4.
ketone	UG/KG	4.2	3%		0	3	86	U	4.4 U	4.3 U	4.3 U		4.6 U	4.7 U	4.6 U	4.
a-BHC/Lindane	UG/KG	0	0%	60	0	0	86	U	2.3 U	2.2 U	2.2 U		2.4 U	2.4 U	2.4 U	2.
a-Chlordane	UG/KG	7.4	9%	540	0	8	86	U	2.3 U	2.2 U	2.2 U		2.4 U	2.4 U	2.4 U	2.
chlor	UG/KG	4.2	3%	100	0	3	86		2.3 U	2.2 U	2.2 U		2.4 U	2.4 U	2.4 U	2.
chlor epoxide	UG/KG	3.6	5%	20	0	4	86	U	2.3 U	2.2 U	2.2 U		2.4 U	2.4 U	2.4 U	2.
xychlor	UG/KG	0	0%		0	0	86	U	23 U	22 U	22 U		24 U	24 U	24 U	2
hene	UG/KG	0	0%		0	0	86	U	230 U	220 U	220 U		240 U	240 U	240 U	25
ICIDES																
	UG/KG	0	0%	1900	0	0	7									
TP/Silvex	UG/KG	0	0%	700	0	0	7									
	UG/KG	0	0%	500	0	0	7									
	UG/KG	0	0%		0	0	7									
on	UG/KG	0	0%		0	0	7									
ba	UG/KG	0	0%		0	0	7									
roprop	UG/KG	0	0%		0	0	7									
eb	UG/KG	0	0%		0	0	7									
	UG/KG	0	0%		0	0	7									
	UG/KG	0	0%		0	0	7									
LS																
um	MG/KG	18800	100%	19520	0	86	86	J	12500 J	9760 J	13200 J		9710 J	14700 J	12600 J	1270
ony	MG/KG	148	40%	6	15	34	86	R	0.81 R	0.5 R	3.6 J		0.83 R	0.84 R	0.83 R	0.7
c	MG/KG	14.6	100%	8.9	4	86	86		4.5	4	5.1		4	4.4	4.2	
n	MG/KG	278	100%	300	0	86	86	J	98.7 J	71.3 J	90.4 J		91.1 J	106 J	92 J	94.
um	MG/KG	1.8	100%	1.13	1	86	86	J	0.72 J	0.57 J	0.46 J		0.64 J	0.93 J	0.76 J	0.5
um	MG/KG	2.3	13%	2.46	0	11	86	U	0.13 U	0.08 U	0.04 U		0.13 U	0.14 U	0.13 U	0.1
m	MG/KG	196000	100%	125300	3	86	86		4760	1080	8580 J		2160	3090	2830	576
ium	MG/KG	18600	100%	30	37	86	86	J	18.4 J	14.4 J	4190 J		13.7 J	21.5 J	18.4 J	29.
	MG/KG	19.9	100%	30	0	86	86	J	8 J	6 J	11.6		8.2 J	10.3 J	9.6 J	
r	MG/KG	7330	100%	33	30	86	86	J	21.7 J	13 J	3890 J		15.9 J	17.5 J	20.4 J	23.
de	MG/KG	0.87	2%	0.35	2	2	86	U	0.71 U	0.67 U	0.76 U		0.76 U	0.73 U	0.77 U	0.8
	MG/KG	64600	100%	37410	2	86	86	J	20200 J	16600 J	28100 J		16500 J	24900 J	21200 J	2500
	MG/KG	11200	92%	24.4	36	79	86		16.4 J	13.5 J	31.4 J		14.6	14.7	14.4	19.
sium	MG/KG	35300	100%	21700	1	86	86	J	3510 J	2420 J	4720 J		2440 J	4120 J	3480 J	376
anese	MG/KG	1540	100%	1100	3	86	86		564	269	497 J		810	760	687	61
ry	MG/KG	1.2	52%	0.1	16	45	86	UJ	0.06 UJ	0.06 UJ	0.3 J		0.07 UJ	0.07 UJ	0.07 UJ	0.0
	MG/KG	228	100%	50	1	86	86		25.3	17.4	29.9 J		19.9	28.8	24.1	23.
sium	MG/KG	2340	100%	2623	0	86	86		1690	896	1450		905 J	2220	1660	202
um	MG/KG	3.4	23%	2	1	20	86	U	0.94 U	0.58 U	0.43 U		0.96 U	0.97 U	0.97 U	0.8
	MG/KG	1.7	6%	0.8	1	5	86	U	0.26 U	0.16 U	0.24 J		0.27 U	0.27 U	0.27 U	0.2
n	MG/KG	1270	34%	188	2	29	86	U	68.4 U	42 U	110 J		70 U	70.9 U	70.5 U	64.
m	MG/KG	5.4	22%	0.855	16	19	86	U	0.94 U	0.76 J	0.77 U		0.96 U	1 J	0.97 U	8.
ium	MG/KG	1250	100%	150	1	86	86	J	21.6 J	18 J	23.4 J		16.6 J	23.9 J	20.8 J	2
	MG/KG	2020	100%	115	29	86	86		79.6	48.8	777 J		55.6	69.7	74.8	78.
ium, Hexavalent	MG/KG	14.7	27%		0	4	15					11.7 U				

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SS4-83 SOIL 43093 0 0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-85 SOIL 43095 0 0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-86 SOIL 43096 0 0.2 12/16/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-9 SOIL 43003 0 0.2 12/1/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-9 SOIL 43180 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-90 SOIL 43100 0 0.2 12/15/98 SA RI Phase 1 Step 1 N	SEAD-4 SS4-90 SOIL 43199 0 0.2 7/11/99 SA HEX CHROME N	SEAD-4 SS4-94 SOIL 43104 0 0.2 12/16/98 SA RI Phase 1 Step N
ATILES															
-Trichloroethane	UG/KG	0	0%	800	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
-Trichloroethane	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
ichloroethane	UG/KG	2	2%	200	0	2	86	15 U	15 U	14 U	13 U		12 U		11 U
ichloroethene	UG/KG	0	0%	400	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
ichloroethane	UG/KG	0	0%	100	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
ichloroethene (total)	UG/KG	4	3%		0	3	86	15 U	15 U	14 U	13 U		12 U		11 U
ichloropropane	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
one	UG/KG	140	31%	200	0	27	86	15 UJ	10 J	14 UJ	13 U		13 U		6 J
ene	UG/KG	1	1%	60	0	1	86	15 U	15 U	14 U	13 U		12 U		11 U
odichloromethane	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
oform	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
on disulfide	UG/KG	0	0%	2700	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
on tetrachloride	UG/KG	0	0%	600	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
obenzene	UG/KG	0	0%	1700	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
odibromomethane	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
oethane	UG/KG	0	0%	1900	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
oform	UG/KG	0	0%	300	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
,3-Dichloropropene	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
benzene	UG/KG	0	0%	5500	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
yl bromide	UG/KG	0	0%		0	0	86	15 UJ	15 UJ	14 UJ	13 U		12 UJ		11 U
yl butyl ketone	UG/KG	9	1%		0	1	86	15 UJ	15 UJ	14 UJ	13 U		12 U		11 UJ
yl chloride	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
yl ethyl ketone	UG/KG	0	0%	300	0	0	86	15 UJ	15 UJ	14 UJ	13 U		12 U		11 UJ
yl isobutyl ketone	UG/KG	0	0%	1000	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
ylene chloride	UG/KG	3	1%	100	0	1	86	15 U	15 U	14 U	13 U		12 U		11 U
ne	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
chloroethene	UG/KG	0	0%	1400	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
ene	UG/KG	14	29%	1500	0	25	86	15 U	15 U	14 U	4 J		12 U		11 U
Xylenes	UG/KG	0	0%	1200	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
loroethene	UG/KG	3	3%	700	0	3	86	15 U	15 U	14 U	13 U		12 U		11 U
chloride	UG/KG	0	0%	200	0	0	86	15 U	15 U	14 U	13 U		12 U		11 U
IVOLATILES															
-Trichlorobenzene	UG/KG	0	0%	3400	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
Dichlorobenzene	UG/KG	0	0%	7900	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
Dichlorobenzene	UG/KG	0	0%	1600	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
Dichlorobenzene	UG/KG	0	0%	8500	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	7								
-Trichlorophenol	UG/KG	0	0%	100	0	0	86	240 U	230 U	220 U	200 U		190 U		180 U
-Trichlorophenol	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
Dichlorophenol	UG/KG	0	0%	400	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
Dimethylphenol	UG/KG	0	0%		0	0	86	98 UJ	94 UJ	93 UJ	81 UJ		80 U		74 UJ
Dinitrophenol	UG/KG	0	0%	200	0	0	86	240 R	230 UJ	220 UJ	200 UJ		190 UJ		180 R
Dinitrotoluene	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
loronaphthalene	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
lorophenol	UG/KG	0	0%	800	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
thylnaphthalene	UG/KG	35	16%	36400	0	14	86	98 U	94 U	93 U	81 U		80 U		74 U
thylphenol	UG/KG	0	0%	100	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
roaniline	UG/KG	0	0%	430	0	0	86	240 U	230 U	220 U	200 U		190 U		180 U
rophenol	UG/KG	0	0%	330	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
Dichlorobenzidine	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
roaniline	UG/KG	0	0%	500	0	0	86	240 U	230 U	220 U	200 UJ		190 U		180 U
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	86	240 UJ	230 U	220 U	200 UJ		190 U		180 UJ
omophenyl phenyl ether	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
loro-3-methylphenol	UG/KG	0	0%	240	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
loroaniline	UG/KG	0	0%	220	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
lorophenyl phenyl ether	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
thylphenol	UG/KG	0	0%	900	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
roaniline	UG/KG	0	0%		0	0	86	240 U	230 U	220 U	200 U		190 U		180 U
rophenol	UG/KG	0	0%	100	0	0	86	240 U	230 U	220 U	200 U		190 U		180 U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SS4-83 SOIL 43093 0 0.2 12/16/98 SA	SEAD-4 SS4-85 SOIL 43095 0 0.2 12/16/98 SA	SEAD-4 SS4-86 SOIL 43096 0 0.2 12/16/98 SA	SEAD-4 SS4-9 SOIL 43003 0 0.2 12/1/98 SA	SEAD-4 SS4-9 SOIL 43180 0 0.2 7/11/99 SA	SEAD-4 SS4-90 SOIL 43100 0 0.2 12/15/98 SA	SEAD-4 SS4-90 SOIL 43199 0 0.2 7/11/99 SA	SEAD-4 SS4-94 SOIL 43104 0 0.2 12/16/98 SA
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	RI Phase 1 Step 1 N	HEX CHROME N	RI Phase 1 Step 1 N	HEX CHROME N	RI Phase 1 Step 1 N
hthene	UG/KG	78	9%	50000	0	8	86	98 U	94 U	93 U	81 U		80 U		74 U
hthylene	UG/KG	32	9%	41000	0	8	86	98 U	94 U	93 U	81 U		80 U		74 U
ene	UG/KG	110	17%	50000	0	15	86	98 U	94 U	93 U	81 U		80 U		74 U
a)anthracene	UG/KG	560	83%	224	5	71	86	9.3 J	8.4 J	7.8 J	11 J		4.3 J		74 U
a)pyrene	UG/KG	450	80%	61	11	69	86	13 J	11 J	8.2 J	15 J		8.7 J		74 U
b)fluoranthene	UG/KG	890	80%	1100	0	69	86	19 J	12 J	9.1 J	23 J		31 J		74 U
ghi)perylene	UG/KG	310	55%	50000	0	47	86	98 U	12 J	10 J	17 J		80 UJ		74 U
k)fluoranthene	UG/KG	510	50%	1100	0	43	86	19 J	14 J	13 J	17 J		80 U		74 U
hloroethoxy)methane	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
hloroethyl)ether	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
hloroisopropyl)ether	UG/KG	0	0%		0	0	79	98 U	94 U	93 U	81 U		80 U		74 U
thylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	98 U	94 U	93 U	81 UJ		80 U		74 U
nzylphthalate	UG/KG	12000	12%	50000	0	10	86	98 U	94 U	93 U	81 UJ		80 U		74 U
ole	UG/KG	120	22%		0	19	86	98 U	94 U	93 U	4.7 J		80 U		74 U
ne	UG/KG	570	86%	400	4	74	86	16 J	14 J	13 J	18 J		7.6 J		74 U
tylphthalate	UG/KG	220	44%	8100	0	38	86	98 U	94 U	93 U	81 UJ		80 U		74 U
tylphthalate	UG/KG	44	8%	50000	0	7	86	98 U	94 U	93 U	81 UJ		80 U		74 U
(a,h)anthracene	UG/KG	130	22%	14	12	19	86	98 U	94 U	93 U	81 U		80 U		74 U
ofuran	UG/KG	58	16%	6200	0	14	86	98 U	94 U	93 U	81 U		80 U		74 U
phthalate	UG/KG	22	16%	7100	0	14	86	98 U	94 U	93 U	81 U		80 U		74 U
ylphthalate	UG/KG	0	0%	2000	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
thene	UG/KG	1100	93%	50000	0	80	86	23 J	18 J	20 J	25 J		10 J		74 U
e	UG/KG	74	6%	50000	0	5	86	98 U	94 U	93 U	81 U		80 U		74 U
lorobenzene	UG/KG	0	0%	410	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
lorobutadiene	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
lorocyclopentadiene	UG/KG	0	0%		0	0	86	98 UJ	94 U	93 U	81 UJ		80 UJ		74 UJ
loroethane	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 UJ		80 U		74 U
(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	7.7 J	8.8 J	7.6 J	15 J		8.2 J		74 U
one	UG/KG	0	0%	4400	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
sodiphenylamine	UG/KG	19	1%		0	1	86	98 U	94 U	93 U	81 U		80 U		74 U
sodipropylamine	UG/KG	0	0%		0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
alene	UG/KG	74	13%	13000	0	11	86	98 U	94 U	93 U	81 U		80 U		74 U
nzene	UG/KG	0	0%	200	0	0	86	98 U	94 U	93 U	81 U		80 U		74 U
hlorophenol	UG/KG	0	0%	1000	0	0	86	240 U	230 U	220 U	200 UJ		190 U		180 U
threne	UG/KG	640	87%	50000	0	75	86	18 J	14 J	12 J	9.9 J		4.6 J		74 U
	UG/KG	17	2%	30	0	2	86	98 U	94 U	93 U	17 J		80 U		74 U
	UG/KG	990	88%	50000	0	76	86	19 J	15 J	15 J	18 J		7.5 J		6.7 J
SIVES															
rinitrobenzene	UG/KG	120	1%		0	1	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
itrobenzene	UG/KG	0	0%		0	0	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
rinitrotoluene	UG/KG	72	1%		0	1	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
itrotoluene	UG/KG	330	2%		0	2	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
itrotoluene	UG/KG	0	0%	1000	0	0	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
oluene	UG/KG	0	0%		0	0	79	120 UJ	120 U	120 UJ	120 U		120 U		120 U
o-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
oluene	UG/KG	0	0%		0	0	79	120 UJ	120 U	120 UJ	120 U		120 U		120 U
oluene	UG/KG	390	1%		0	1	79	120 UJ	120 U	120 UJ	120 U		120 U		120 U
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
	UG/KG	0	0%		0	0	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
nzene	UG/KG	0	0%	200	0	0	79	120 UJ	120 U	120 UJ	120 U		120 U		120 U
	UG/KG	0	0%		0	0	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
	UG/KG	0	0%		0	0	86	120 UJ	120 U	120 UJ	120 U		120 U		120 U
CIDES/PCBs															
DD	UG/KG	190	23%	2900	0	20	86	7.8	4.7 U	4.6 U	3.3 J		4 U		3.7 U
DE	UG/KG	160	31%	2100	0	27	86	4.9 U	4.7 U	4.6 U	4.1 U		4 U		3.7 U
DT	UG/KG	760	34%	2100	0	29	86	4.9 U	4.7 U	4.6 U	3.2 J		4 U		3.7 U
	UG/KG	2.2	1%	41	0	1	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
BHC	UG/KG	2.4	6%	110	0	5	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
Chlordane	UG/KG	4.9	9%		0	8	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
-1016	UG/KG	0	0%		0	0	86	49 U	47 U	46 U	41 U		40 U		37 U
-1221	UG/KG	0	0%		0	0	86	100 U	96 U	94 U	83 U		81 U		75 U
-1232	UG/KG	0	0%		0	0	86	49 U	47 U	46 U	41 U		40 U		37 U
-1242	UG/KG	0	0%		0	0	86	49 U	47 U	46 U	41 U		40 U		37 U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Surface Soil Sample Results

								SEAD-4 SS4-83 SOIL 43093 0 0.2 12/16/98 SA RI Phase 1 Step 1	SEAD-4 SS4-85 SOIL 43095 0 0.2 12/16/98 SA RI Phase 1 Step 1	SEAD-4 SS4-86 SOIL 43096 0 0.2 12/16/98 SA RI Phase 1 Step 1	SEAD-4 SS4-9 SOIL 43003 0 0.2 12/1/98 SA RI Phase 1 Step 1	SEAD-4 SS4-9 SOIL 43180 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-90 SOIL 43100 0 0.2 12/15/98 SA RI Phase 1 Step 1	SEAD-4 SS4-90 SOIL 43199 0 0.2 7/11/99 SA HEX CHROME	SEAD-4 SS4-94 SOIL 43104 0 0.2 12/16/98 SA RI Phase 1 Step 1
	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	N	N	N	N	N	N	N	N
r-1248	UG/KG	0	0%		0	0	86	49 U	47 U	46 U	41 U		40 U		37 U
r-1254	UG/KG	310	26%	10000	0	22	86	49 U	47 U	46 U	29 J		40 U		37 U
r-1260	UG/KG	110	3%	10000	0	3	86	49 U	47 U	46 U	41 U		40 U		37 U
HC	UG/KG	7.6	12%	200	0	10	86	2.5 U	2.4 U	2.4 U	2.2 J		2 U		1.9 U
BHC	UG/KG	0	0%	300	0	0	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
n	UG/KG	7.4	6%	44	0	5	86	4.9 U	4.7 U	4.6 U	4.1 U		4 U		3.7 U
ulfan I	UG/KG	1.7	5%	900	0	4	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
ulfan II	UG/KG	5.2	3%	900	0	3	86	4.9 U	4.7 U	4.6 U	4.1 U		4 U		3.7 U
ulfan sulfate	UG/KG	3.8	1%	1000	0	1	86	4.9 U	4.7 U	4.6 U	4.1 U		4 U		3.7 U
	UG/KG	27	3%	100	0	3	86	4.9 U	4.7 U	4.6 U	4.1 U		4 U		3.7 U
aldehyde	UG/KG	20	12%		0	10	86	4.9 U	4.7 U	4.6 U	4.1 U		4 U		3.7 U
ketone	UG/KG	4.2	3%		0	3	86	4.9 U	4.7 U	4.6 U	4.1 U		4 U		3.7 U
a-BHC/Lindane	UG/KG	0	0%	60	0	0	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
a-Chlordane	UG/KG	7.4	9%	540	0	8	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
chlor	UG/KG	4.2	3%	100	0	3	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
chlor epoxide	UG/KG	3.6	5%	20	0	4	86	2.5 U	2.4 U	2.4 U	2.1 U		2 U		1.9 U
xychlor	UG/KG	0	0%		0	0	86	25 U	24 U	24 U	21 U		20 U		19 U
hene	UG/KG	0	0%		0	0	86	250 U	240 U	240 U	210 U		200 U		190 U
ICIDES															
	UG/KG	0	0%	1900	0	0	7								
TP/Silvex	UG/KG	0	0%	700	0	0	7								
	UG/KG	0	0%	500	0	0	7								
	UG/KG	0	0%		0	0	7								
on	UG/KG	0	0%		0	0	7								
ba	UG/KG	0	0%		0	0	7								
roprop	UG/KG	0	0%		0	0	7								
eb	UG/KG	0	0%		0	0	7								
	UG/KG	0	0%		0	0	7								
	UG/KG	0	0%		0	0	7								
LS															
um	MG/KG	18800	100%	19520	0	86	86	12600	13300	11900	11100 J		8410		11600
ny	MG/KG	148	40%	6	15	34	86	0.66 R	0.62 R	0.59 R	[redacted] J		[redacted] J		0.62 J
c	MG/KG	14.6	100%	8.9	4	86	86	6.3	6.6	5.5	5.9		3.5		7.2
n	MG/KG	278	100%	300	0	86	86	96.2	101	97.5	73.4 J		60.4		45.2
um	MG/KG	1.8	100%	1.13	1	86	86	0.54 J	0.52 J	0.52 J	0.38 J		0.32 J		0.37 J
um	MG/KG	2.3	13%	2.46	0	11	86	0.11 U	0.1 U	0.1 U	0.04 U		0.15 J		0.03 U
m	MG/KG	196000	100%	125300	3	86	86	5580	5770	5510	9360 J		3290		4250
ium	MG/KG	18600	100%	30	37	86	86	29.6	[redacted]	64.9	[redacted] J		[redacted]		[redacted]
	MG/KG	19.9	100%	30	0	86	86	9.1 J	9.7 J	8.6 J	10.9		6.4 J		19.1
r	MG/KG	7330	100%	33	30	86	86	24.4	[redacted]	25.9	[redacted] J		[redacted]		[redacted]
le	MG/KG	0.87	2%	0.35	2	2	86	0.84 U	0.83 U	0.77 U	0.64 U		0.65 U		0.65 U
	MG/KG	64600	100%	37410	2	86	86	25200 J	26200 J	23000 J	24300 J		16600 J		30700
	MG/KG	11200	92%	24.4	36	79	86	19.8	20.3	18.5	[redacted] J		11.3		10.4
sium	MG/KG	35300	100%	21700	1	86	86	3790	4030	3690	4420 J		2490		5210
nese	MG/KG	1540	100%	1100	3	86	86	627	643	559	478 J		502		440
ry	MG/KG	1.2	52%	0.1	16	45	86	0.1 J	[redacted] J	0.15 J	[redacted] J		0.07 J		0.05 UJ
	MG/KG	228	100%	50	1	86	86	23.4	24.9	22.2	27.8 J		19		42
ium	MG/KG	2340	100%	2623	0	86	86	1990	1950	1620	957 J		878 J		890
um	MG/KG	3.4	23%	2	1	20	86	0.77 U	0.73 U	0.68 U	0.75 U		0.74 U		0.32 U
	MG/KG	1.7	6%	0.8	1	5	86	0.21 U	0.2 U	0.19 U	0.31 J		0.21 U		0.16 U
n	MG/KG	1270	34%	188	2	29	86	55.8 U	52.8 U	49.8 U	95.6 J		54.2 U		42.4 U
m	MG/KG	5.4	22%	0.855	16	19	86	7.7 U	7.3 U	6.8 U	[redacted] J		7.4 U		5.8 U
ium	MG/KG	1250	100%	150	1	86	86	23.1	24.5	21.3	20.2 J		16.4		16.7
	MG/KG	2020	100%	115	29	86	86	79.5	103	74.7	[redacted] J		[redacted]		95.2 J
ium, Hexavalent	MG/KG	14.7	27%		0	4	15					14.7		10.5	

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	tep 1
TILES								
richloroethane	UG/KG	0	0%	800	0	0	86	U
-Tetrachloroethane	UG/KG	0	0%	600	0	0	86	UJ
richloroethane	UG/KG	0	0%		0	0	86	U
hloroethane	UG/KG	2	2%	200	0	2	86	U
hloroethene	UG/KG	0	0%	400	0	0	86	U
hloroethane	UG/KG	0	0%	100	0	0	86	U
hloroethene (total)	UG/KG	4	3%		0	3	86	U
hloropropane	UG/KG	0	0%		0	0	86	U
e	UG/KG	140	31%	200	0	27	86	
ne	UG/KG	1	1%	60	0	1	86	U
dichloromethane	UG/KG	0	0%		0	0	86	U
form	UG/KG	0	0%		0	0	86	UJ
disulfide	UG/KG	0	0%	2700	0	0	86	U
tetrachloride	UG/KG	0	0%	600	0	0	86	U
benzene	UG/KG	0	0%	1700	0	0	86	UJ
dibromomethane	UG/KG	0	0%		0	0	86	U
ethane	UG/KG	0	0%	1900	0	0	86	UJ
form	UG/KG	0	0%	300	0	0	86	U
-Dichloropropene	UG/KG	0	0%		0	0	86	U
enzene	UG/KG	0	0%	5500	0	0	86	UJ
bromide	UG/KG	0	0%		0	0	86	U
butyl ketone	UG/KG	9	1%		0	1	86	U
chloride	UG/KG	0	0%		0	0	86	U
ethyl ketone	UG/KG	0	0%	300	0	0	86	UJ
isobutyl ketone	UG/KG	0	0%	1000	0	0	86	U
ene chloride	UG/KG	3	1%	100	0	1	86	U
e	UG/KG	0	0%		0	0	86	UJ
loroethene	UG/KG	0	0%	1400	0	0	86	U
e	UG/KG	14	29%	1500	0	25	86	J
ylenes	UG/KG	0	0%	1200	0	0	86	UJ
1,3-Dichloropropene	UG/KG	0	0%		0	0	86	U
roethene	UG/KG	3	3%	700	0	3	86	U
hloride	UG/KG	0	0%	200	0	0	86	U
OLATILES								
richlorobenzene	UG/KG	0	0%	3400	0	0	86	U
hlorobenzene	UG/KG	0	0%	7900	0	0	86	U
hlorobenzene	UG/KG	0	0%	1600	0	0	86	U
hlorobenzene	UG/KG	0	0%	8500	0	0	86	U
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	7	
richlorophenol	UG/KG	0	0%	100	0	0	86	U
richlorophenol	UG/KG	0	0%		0	0	86	U
hlorophenol	UG/KG	0	0%	400	0	0	86	U
nethylphenol	UG/KG	0	0%		0	0	86	UJ
itrophenol	UG/KG	0	0%	200	0	0	86	R
itrotoluene	UG/KG	0	0%		0	0	86	U
itrotoluene	UG/KG	0	0%	1000	0	0	86	U
ronaphthalene	UG/KG	0	0%		0	0	86	U
rophenol	UG/KG	0	0%	800	0	0	86	U
ylnaphthalene	UG/KG	35	16%	36400	0	14	86	U
ylphenol	UG/KG	0	0%	100	0	0	86	U
aniline	UG/KG	0	0%	430	0	0	86	U
phenol	UG/KG	0	0%	330	0	0	86	U
chlorobenzidine	UG/KG	0	0%		0	0	86	U
aniline	UG/KG	0	0%	500	0	0	86	U
itro-2-methylphenol	UG/KG	0	0%		0	0	86	UJ
ophenyl phenyl ether	UG/KG	0	0%		0	0	86	U
ro-3-methylphenol	UG/KG	0	0%	240	0	0	86	U
roaniline	UG/KG	0	0%	220	0	0	86	U
rophenyl phenyl ether	UG/KG	0	0%		0	0	86	U
ylphenol	UG/KG	0	0%	900	0	0	86	U
aniline	UG/KG	0	0%		0	0	86	U
phenol	UG/KG	0	0%	100	0	0	86	U

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	tep 1
aphthene	UG/KG	78	9%	50000	0	8	86	U
aphthylene	UG/KG	32	9%	41000	0	8	86	U
acene	UG/KG	110	17%	50000	0	15	86	U
o(a)anthracene	UG/KG	560	83%	224	5	71	86	U
o(a)pyrene	UG/KG	450	80%	61	11	69	86	U
o(b)fluoranthene	UG/KG	890	80%	1100	0	69	86	U
o(ghi)perylene	UG/KG	310	55%	50000	0	47	86	U
o(k)fluoranthene	UG/KG	510	50%	1100	0	43	86	U
-Chloroethoxy)methane	UG/KG	0	0%		0	0	86	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	86	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	79	U
-Ethylhexyl)phthalate	UG/KG	13000	59%	50000	0	51	86	U
benzylphthalate	UG/KG	12000	12%	50000	0	10	86	U
azole	UG/KG	120	22%		0	19	86	U
sene	UG/KG	570	86%	400	4	74	86	U
butylphthalate	UG/KG	220	44%	8100	0	38	86	U
octylphthalate	UG/KG	44	8%	50000	0	7	86	U
nz(a,h)anthracene	UG/KG	130	22%	14	12	19	86	U
nzofuran	UG/KG	58	16%	6200	0	14	86	U
yl phthalate	UG/KG	22	16%	7100	0	14	86	U
thylphthalate	UG/KG	0	0%	2000	0	0	86	U
anthene	UG/KG	1100	93%	50000	0	80	86	U
ene	UG/KG	74	6%	50000	0	5	86	U
chlorobenzene	UG/KG	0	0%	410	0	0	86	U
chlorobutadiene	UG/KG	0	0%		0	0	86	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	86	UJ
chloroethane	UG/KG	0	0%		0	0	86	U
o(1,2,3-cd)pyrene	UG/KG	320	53%	3200	0	46	86	U
orone	UG/KG	0	0%	4400	0	0	86	U
rosodiphenylamine	UG/KG	19	1%		0	1	86	U
rosodipropylamine	UG/KG	0	0%		0	0	86	U
thalene	UG/KG	74	13%	13000	0	11	86	U
benzene	UG/KG	0	0%	200	0	0	86	U
achlorophenol	UG/KG	0	0%	1000	0	0	86	U
anthrene	UG/KG	640	87%	50000	0	75	86	U
ol	UG/KG	17	2%	30	0	2	86	U
ne	UG/KG	990	88%	50000	0	76	86	U
LOSIVES								
-Trinitrobenzene	UG/KG	120	1%		0	1	86	U
initrobenzene	UG/KG	0	0%		0	0	86	U
-Trinitrotoluene	UG/KG	72	1%		0	1	86	U
initrotoluene	UG/KG	330	2%		0	2	86	U
initrotoluene	UG/KG	0	0%	1000	0	0	86	U
rotoluene	UG/KG	0	0%		0	0	79	U
ino-4,6-Dinitrotoluene	UG/KG	90	1%		0	1	86	U
rotoluene	UG/KG	0	0%		0	0	79	U
rotoluene	UG/KG	390	1%		0	1	79	U
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	86	U
	UG/KG	0	0%		0	0	86	U
benzene	UG/KG	0	0%	200	0	0	79	U
	UG/KG	0	0%		0	0	86	U
l	UG/KG	0	0%		0	0	86	U
TICIDES/PCBs								
DD	UG/KG	190	23%	2900	0	20	86	U
DE	UG/KG	160	31%	2100	0	27	86	U
DT	UG/KG	760	34%	2100	0	29	86	U
n	UG/KG	2.2	1%	41	0	1	86	U
-BHC	UG/KG	2.4	6%	110	0	5	86	U
-Chlordane	UG/KG	4.9	9%		0	8	86	U
or-1016	UG/KG	0	0%		0	0	86	U
or-1221	UG/KG	0	0%		0	0	86	U
or-1232	UG/KG	0	0%		0	0	86	U
or-1242	UG/KG	0	0%		0	0	86	U

	UNITS	MAXIMUM	FREQ OF DETCTION	NYSDEC TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	tep 1
-1248	UG/KG	0	0%		0	0	86	U
-1254	UG/KG	310	26%	10000	0	22	86	U
-1260	UG/KG	110	3%	10000	0	3	86	U
HC	UG/KG	7 6	12%	200	0	10	86	U
BHC	UG/KG	0	0%	300	0	0	86	U
n	UG/KG	7 4	6%	44	0	5	86	U
lfan I	UG/KG	1 7	5%	900	0	4	86	U
lfan II	UG/KG	5 2	3%	900	0	3	86	U
lfan sulfate	UG/KG	3.8	1%	1000	0	1	86	U
	UG/KG	27	3%	100	0	3	86	U
aldehyde	UG/KG	20	12%		0	10	86	U
ketone	UG/KG	4.2	3%		0	3	86	U
a-BHC/Lindane	UG/KG	0	0%	60	0	0	86	U
a-Chlordane	UG/KG	7 4	9%	540	0	8	86	J
hlor	UG/KG	4.2	3%	100	0	3	86	U
hlor epoxide	UG/KG	3.6	5%	20	0	4	86	U
rychlor	UG/KG	0	0%		0	0	86	U
nene	UG/KG	0	0%		0	0	86	U
CIDES								
	UG/KG	0	0%	1900	0	0	7	
P/Silvex	UG/KG	0	0%	700	0	0	7	
	UG/KG	0	0%	500	0	0	7	
	UG/KG	0	0%		0	0	7	
n	UG/KG	0	0%		0	0	7	
ba	UG/KG	0	0%		0	0	7	
oprop	UG/KG	0	0%		0	0	7	
b	UG/KG	0	0%		0	0	7	
	UG/KG	0	0%		0	0	7	
	UG/KG	0	0%		0	0	7	
LS								
um	MG/KG	18800	100%	19520	0	86	86	
ny	MG/KG	148	40%	6	15	34	86	J
c	MG/KG	14.6	100%	8.9	4	86	86	
n	MG/KG	278	100%	300	0	86	86	
um	MG/KG	1.8	100%	1.13	1	86	86	J
um	MG/KG	2.3	13%	2.46	0	11	86	U
n	MG/KG	196000	100%	125300	3	86	86	
ium	MG/KG	18600	100%	30	37	86	86	
	MG/KG	19.9	100%	30	0	86	86	J
r	MG/KG	7330	100%	33	30	86	86	
le	MG/KG	0.87	2%	0.35	2	2	86	U
	MG/KG	64600	100%	37410	2	86	86	
	MG/KG	11200	92%	24.4	36	79	86	
sium	MG/KG	35300	100%	21700	1	86	86	
nese	MG/KG	1540	100%	1100	3	86	86	
y	MG/KG	1 2	52%	0.1	16	45	86	UJ
	MG/KG	228	100%	50	1	86	86	
ium	MG/KG	2340	100%	2623	0	86	86	
um	MG/KG	3.4	23%	2	1	20	86	U
	MG/KG	1.7	6%	0.8	1	5	86	U
n	MG/KG	1270	34%	188	2	29	86	U
m	MG/KG	5.4	22%	0.855	16	19	86	U
um	MG/KG	1250	100%	150	1	86	86	
	MG/KG	2020	100%	115	29	86	86	J
ium, Hexavalent	MG/KG	14.7	27%		0	4	15	

SEAD-4 Subsurface Soil Chemical Data

Seneca Army Depot
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Seneca Army Depot
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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-1 SOIL 0 2 12/6/1993 SB4-1-5 DU N		ESI MW4-1 SOIL 0 2 12/6/1993 SB4-1-1 SA N		ESI MW4-1 SOIL 4 6 12/6/1993 SB4-1-3 SA N		ESI MW4-1 SOIL 8 10 12/6/1993 SB4-1-6 SA N		RI Phase 1 MW4-11 SOIL 3. 12/20/199 4317 SA N	
hylphenol	UG/KG	0	0%	100	0	0	76	390	U	390	U	390	U	360	U	7	
baniline	UG/KG	0	0%	430	0	0	76	950	U	940	U	940	U	880	U	18	
ophenol	UG/KG	0	0%	330	0	0	76	390	U	390	U	390	U	360	U	7	
ichlorobenzidine	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
baniline	UG/KG	0	0%	500	0	0	76	950	U	940	U	940	U	880	U	18	
nitro-2-methylphenol	UG/KG	0	0%		0	0	76	950	U	940	U	940	U	880	U	18	
mophenyl phenyl ether	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
bro-3-methylphenol	UG/KG	0	0%	240	0	0	76	390	U	390	U	390	U	360	U	7	
broaniline	UG/KG	0	0%	220	0	0	76	390	U	390	U	390	U	360	U	7	
brophenyl phenyl ether	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
hylphenol	UG/KG	0	0%	900	0	0	76	390	U	390	U	390	U	360	U	7	
baniline	UG/KG	0	0%		0	0	76	950	U	940	U	940	U	880	U	18	
ophenol	UG/KG	0	0%	100	0	0	76	950	U	940	U	940	U	880	U	18	
aphthene	UG/KG	88	3%	50000	0	2	76	390	U	390	U	390	U	360	U	7	
aphthylene	UG/KG	170	4%	41000	0	3	76	390	U	390	U	390	U	360	U	7	
acene	UG/KG	340	4%	50000	0	3	76	390	U	390	U	390	U	360	U	7	
o(a)anthracene	UG/KG	1100	7%	224	2	5	76	390	U	390	U	390	U	360	U	7	
o(a)pyrene	UG/KG	880	8%	61	2	6	76	390	U	390	U	390	U	360	U	7	
o(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	390	U	390	U	390	U	360	U	7	
o(ghi)perylene	UG/KG	270	3%	50000	0	2	76	390	U	390	U	390	U	360	U	7	
o(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	390	U	390	U	390	U	360	U	7	
Chloroethoxy)methane	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
Chloroethyl)ether	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
Chloroisopropyl)ether	UG/KG	0	0%		0	0	37									7	
Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	390	U	390	U	390	U	360	U	7	
benzylphthalate	UG/KG	120	1%	50000	0	1	76	390	U	390	U	390	U	360	U	7	
azole	UG/KG	160	1%		0	1	76	390	U	390	U	390	U	360	U	7	
sene	UG/KG	1000	11%	400	2	8	76	390	U	390	U	390	U	360	U	7	
butylphthalate	UG/KG	63	24%	8100	0	18	76	50	J	56	J	52	J	48	J	7	
octylphthalate	UG/KG	37	21%	50000	0	16	76	390	U	390	U	390	U	360	U	7	
z(a,h)anthracene	UG/KG	48	1%	14	1	1	76	390	U	390	U	390	U	360	U	7	
zofuran	UG/KG	33	1%	6200	0	1	76	390	U	390	U	390	U	360	U	7	
yl phthalate	UG/KG	0	0%	7100	0	0	76	390	U	390	U	390	U	360	U	7	
thylphthalate	UG/KG	0	0%	2000	0	0	76	390	U	390	U	390	U	360	U	7	
anthene	UG/KG	2400	11%	50000	0	8	76	390	U	390	U	390	U	360	U	7	
ene	UG/KG	330	4%	50000	0	3	76	390	U	390	U	390	U	360	U	7	
chlorobenzene	UG/KG	0	0%	410	0	0	76	390	U	390	U	390	U	360	U	7	
chlorobutadiene	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
chlorocyclopentadiene	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
chloroethane	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
o(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	390	U	390	U	390	U	360	U	7	
orone	UG/KG	0	0%	4400	0	0	76	390	U	390	U	390	U	360	U	7	
rosodiphenylamine	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
rosodipropylamine	UG/KG	0	0%		0	0	76	390	U	390	U	390	U	360	U	7	
thalene	UG/KG	130	3%	13000	0	2	76	390	U	390	U	390	U	360	U	7	
benzene	UG/KG	0	0%	200	0	0	76	390	U	390	U	390	U	360	U	7	
achlorophenol	UG/KG	0	0%	1000	0	0	76	950	U	940	U	940	U	880	U	18	
anthrene	UG/KG	1400	8%	50000	0	6	76	390	U	390	U	390	U	360	U	7	
ol	UG/KG	0	0%	30	0	0	76	390	U	390	U	390	U	360	U	7	
ne	UG/KG	1800	9%	50000	0	7	76	390	U	390	U	390	U	360	U	7	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-1 SOIL 0 2 12/6/1993 SB4-1-5 DU N		ESI MW4-1 SOIL 0 2 12/6/1993 SB4-1-1 SA N		ESI MW4-1 SOIL 4 6 12/6/1993 SB4-1-3 SA N		ESI MW4-1 SOIL 8 10 12/6/1993 SB4-1-6 SA N		RI Phase 1 MW4-11 SOIL 2 3.3 12/20/1998 43171 SA N	
romatics																	
rinitrobenzene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
itrobenzene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
rinitrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
itrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
itrotoluene	UG/KG	0	0%	1000	0	0	76	130	U	130	U	130	U	130	U	120	
toluene	UG/KG	0	0%		0	0	37									120	
o-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
toluene	UG/KG	0	0%		0	0	37									120	
toluene	UG/KG	0	0%		0	0	37									120	
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
nzene	UG/KG	0	0%	200	0	0	37									120	
	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	120	
	UG/KG	67	1%		0	1	76	130	U	130	U	130	U	130	U	120	
ides/PCBs																	
DD	UG/KG	0	0%	2900	0	0	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
DE	UG/KG	21	4%	2100	0	3	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
DT	UG/KG	2.9	1%	2100	0	1	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
	UG/KG	8.2	1%	41	0	1	76	2	U	2	UJ	2	U	1.9	UJ	2	
BHC	UG/KG	0	0%	110	0	0	76	2	U	2	UJ	2	U	1.9	UJ	2	
Chlordane	UG/KG	10	1%		0	1	76	2	U	2	UJ	2	U	1.9	UJ	2	
r-1016	UG/KG	0	0%		0	0	76	39	U	39	UJ	39	U	36	UJ	38	
r-1221	UG/KG	0	0%		0	0	76	80	U	79	UJ	79	U	74	UJ	78	
r-1232	UG/KG	0	0%		0	0	76	39	U	39	UJ	39	U	36	UJ	38	
r-1242	UG/KG	0	0%		0	0	76	39	U	39	UJ	39	U	36	UJ	38	
r-1248	UG/KG	27	1%		0	1	76	39	U	39	UJ	39	U	36	UJ	38	
r-1254	UG/KG	1600	5%	10000	0	4	76	39	U	39	UJ	39	U	36	UJ	38	
r-1260	UG/KG	0	0%	10000	0	0	76	39	U	39	UJ	39	U	36	UJ	38	
HC	UG/KG	1.4	1%	200	0	1	76	2	U	2	UJ	2	U	1.9	UJ	2	
BHC	UG/KG	5.9	1%	300	0	1	76	2	U	2	UJ	2	U	1.9	UJ	2	
n	UG/KG	0	0%	44	0	0	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
ulfan I	UG/KG	11	1%	900	0	1	76	2	U	2	UJ	2	U	1.9	UJ	2	
ulfan II	UG/KG	0	0%	900	0	0	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
ulfan sulfate	UG/KG	0	0%	1000	0	0	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
	UG/KG	34	1%	100	0	1	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
aldehyde	UG/KG	3.7	1%		0	1	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
ketone	UG/KG	0	0%		0	0	76	3.9	U	3.9	UJ	3.9	U	3.6	UJ	3.8	
a-BHC/Lindane	UG/KG	0	0%	60	0	0	76	2	U	2	UJ	2	U	1.9	UJ	2	
a-Chlordane	UG/KG	0	0%	540	0	0	76	2	U	2	UJ	2	U	1.9	UJ	2	
chlor	UG/KG	0	0%	100	0	0	76	2	U	2	UJ	2	U	1.9	UJ	2	
chlor epoxide	UG/KG	0	0%	20	0	0	76	2	U	2	UJ	2	U	1.9	UJ	2	
xychlor	UG/KG	0	0%		0	0	76	20	U	20	UJ	20	U	19	UJ	20	
hene	UG/KG	0	0%		0	0	76	200	U	200	UJ	200	U	190	UJ	200	
cides																	
T	UG/KG	0	0%	1900	0	0	39	6	U	5.9	U	5.9	U	5.5	U		
TP/Silvex	UG/KG	0	0%	700	0	0	39	6	U	5.9	U	5.9	U	5.5	U		
	UG/KG	0	0%	500	0	0	39	60	U	59	U	59	U	55	U		
3	UG/KG	0	0%		0	0	39	60	U	59	U	59	U	55	U		
on	UG/KG	0	0%		0	0	39	150	U	150	U	150	U	140	U		

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-1 SOIL 0 2 12/6/1993 SB4-1-5 DU N		ESI MW4-1 SOIL 0 2 12/6/1993 SB4-1-1 SA N		ESI MW4-1 SOIL 4 6 12/6/1993 SB4-1-3 SA N		ESI MW4-1 SOIL 8 10 12/6/1993 SB4-1-6 SA N		RI Phase 1 MW4-11 SOIL 2 3.3 12/20/1998 4317 SA N
ba	UG/KG	23	3%		0	1	39	6	U	5.9	U	5.9	U	5.5	U	
roprop	UG/KG	0	0%		0	0	39	60	U	59	U	59	U	55	U	
eb	UG/KG	0	0%		0	0	39	30	U	30	U	30	U	28	U	
	UG/KG	0	0%		0	0	39	6000	U	5900	U	5900	U	5500	U	
	UG/KG	0	0%		0	0	39	6000	U	5900	U	5900	U	5500	U	
s																
num	MG/KG	21000	100%	19520	3	76	76	21000		14800		15300		19200		10500
ony	MG/KG	57.8	28%	6	10	21	76	3.8	UJ	4.8	UJ	5	UJ	2.8	UJ	0.8
c	MG/KG	21.5	100%	8.9	4	76	76	4.2		6.2		3.9		11.5		3.3
n	MG/KG	133	100%	300	0	76	76	97.7		72		40.4	J	81.2		75.4
um	MG/KG	1	99%	1.13	0	75	76	0.64	J	0.73	J	0.74	J	1		0.4
ium	MG/KG	1.5	4%	2.46	0	3	76	0.37	U	0.47	U	0.49	U	0.27	U	0.1
m	MG/KG	102000	100%	125300	0	76	76	2460		4280		30900		14400		8650
ium	MG/KG	3820	80%	30	17	61	76	27.9		23.2		27.6		37.7		18.1
t	MG/KG	29.1	100%	30	0	76	76	5.9	J	11.3		16.5		29.1		9.8
er	MG/KG	2250	100%	33	14	76	76	15.1		14.1		51.3		21.6		37
de	MG/KG	0	0%	0.35	0	0	76	0.53	U	0.52	U	0.53	U	0.47	U	0.5
	MG/KG	40900	100%	37410	6	76	76	19500		27500		34300		37900		2200
	MG/KG	251	100%	24.4	6	76	76	9.8	J	17.7	J	7.5	J	9.1	J	11.1
esium	MG/KG	32000	100%	21700	3	76	76	4460		4270		7130		8040		1040
anese	MG/KG	2100	78%	1100	5	59	76	119	JR	615	JR	337	R	795	R	45
ry	MG/KG	0.12	45%	0.1	1	34	76	0.04	J	0.05	J	0.04	J	0.04	J	0.0
	MG/KG	62.3	100%	50	8	76	76	25.1		27.8		47.6		61.3		29.4
sium	MG/KG	2490	100%	2623	0	76	76	2490		1250		1300		2030		111
ium	MG/KG	0.86	33%	2	0	25	76	0.23	J	0.4	J	0.09	U	0.14	U	0.7
	MG/KG	1.2	8%	0.8	4	6	76	0.74	U	0.93	U	0.98	U	0.64	J	0.2
m	MG/KG	134	61%	188	0	46	76	39.2	J	43.8	U	105	J	91.6	J	55.6
um	MG/KG	0	0%	0.855	0	0	76	0.23	U	0.23	U	0.16	U	0.24	U	0.6
dium	MG/KG	31	100%	150	0	76	76	31		28.6		22.2		29.3		17.
	MG/KG	1010	100%	115	12	76	76	72.1		79.6		102		115		56.

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								RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		ESI
								MW4-11		MW4-12		MW4-12		MW4-13		MW4-
								SOIL		SOIL		SOIL		SOIL		SOIL
								4		2		2		2		
								5.5		3.4		3.4		2.6		
	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	12/20/1998 43172 SA N		12/21/1998 43168 SA N		12/21/1998 43169 SA N		12/20/1998 43163 SA N		11/10 SB4-2 SA N
es																
richloroethane	UG/KG	0	0%	800	0	0	76	11	U	11	U	11	U	11	U	
-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	11	U	
richloroethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
hloroethane	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	11	U	
hloroethene	UG/KG	0	0%	400	0	0	76	11	U	11	U	11	U	11	U	
hloroethane	UG/KG	0	0%	100	0	0	76	11	U	11	U	11	U	11	U	
hloroethene (total)	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
hloropropane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
e	UG/KG	31	9%	200	0	7	76	13		11	U	13	U	11	U	
ne	UG/KG	0	0%	60	0	0	76	11	U	11	U	11	U	11	U	
dichloromethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
form	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
disulfide	UG/KG	0	0%	2700	0	0	76	11	U	11	U	11	U	11	U	
tetrachloride	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	11	U	
benzene	UG/KG	0	0%	1700	0	0	76	11	U	11	U	11	U	11	U	
dibromomethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
ethane	UG/KG	0	0%	1900	0	0	76	11	U	11	U	11	U	11	U	
form	UG/KG	15	8%	300	0	6	76	11	U	11	U	11	U	11	U	
-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
enzene	UG/KG	1	1%	5500	0	1	76	11	U	11	U	11	U	11	U	
bromide	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
butyl ketone	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
chloride	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
ethyl ketone	UG/KG	0	0%	300	0	0	76	11	U	11	U	11	U	11	U	
isobutyl ketone	UG/KG	0	0%	1000	0	0	76	11	U	11	U	11	U	11	U	
ene chloride	UG/KG	2	3%	100	0	2	76	2	J	11	U	11	U	11	U	
e	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
loroethene	UG/KG	0	0%	1400	0	0	76	11	U	11	U	11	U	11	U	
e	UG/KG	13	28%	1500	0	21	76	3	J	11	U	5	J	3	J	
ylenes	UG/KG	8	4%	1200	0	3	76	11	U	11	U	11	U	11	U	
,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
roethene	UG/KG	0	0%	700	0	0	76	11	U	11	U	11	U	11	U	
loride	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	11	U	
olatile Organics																
richlorobenzene	UG/KG	0	0%	3400	0	0	76	72	U	240	UJ	72	UJ	72	U	
hlorobenzene	UG/KG	0	0%	7900	0	0	76	72	U	240	UJ	72	UJ	72	U	
hlorobenzene	UG/KG	0	0%	1600	0	0	76	72	U	240	UJ	72	UJ	72	U	
hlorobenzene	UG/KG	0	0%	8500	0	0	76	72	U	240	UJ	72	UJ	72	U	
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	39									
richlorophenol	UG/KG	0	0%	100	0	0	76	170	U	580	UJ	170	UJ	180	U	
richlorophenol	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U	
hlorophenol	UG/KG	0	0%	400	0	0	76	72	U	240	UJ	72	UJ	72	U	
nethylphenol	UG/KG	0	0%		0	0	76	72	UJ	240	UJ	72	UJ	72	UJ	
itrophenol	UG/KG	0	0%	200	0	0	76	170	R	580	UJ	170	R	180	UJ	
itrotoluene	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U	
itrotoluene	UG/KG	0	0%	1000	0	0	76	72	U	240	UJ	72	UJ	72	U	
ronaphthalene	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U	
rophenol	UG/KG	0	0%	800	0	0	76	72	U	240	UJ	72	UJ	72	U	
ylnaphthalene	UG/KG	260	4%	36400	0	3	76	72	U	260	J	12	J	72	U	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 MW4-11 SOIL 4 5.5 12/20/1998 43172 SA N		RI Phase 1 Step 1 MW4-12 SOIL 2 3.4 12/21/1998 43168 SA N		RI Phase 1 Step 1 MW4-12 SOIL 2 3.4 12/21/1998 43169 SA N		RI Phase 1 Step 1 MW4-13 SOIL 2 2.6 12/20/1998 43163 SA N		ESI MW4 SOIL 11/1 SB4- SA N	
ilorophenol	UG/KG	0	0%	100	0	0	76	72	U	240	UJ	72	UJ	72	U		
oaniline	UG/KG	0	0%	430	0	0	76	170	U	580	UJ	170	UJ	180	U		
ophenol	UG/KG	0	0%	330	0	0	76	72	U	240	UJ	72	UJ	72	U		
ichlorobenzidine	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
oaniline	UG/KG	0	0%	500	0	0	76	170	U	580	UJ	170	UJ	180	U		
initro-2-methylphenol	UG/KG	0	0%		0	0	76	170	UJ	580	UJ	170	UJ	180	U		
mophenyl phenyl ether	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
oro-3-methylphenol	UG/KG	0	0%	240	0	0	76	72	U	240	UJ	72	UJ	72	U		
oroaniline	UG/KG	0	0%	220	0	0	76	72	U	240	UJ	72	UJ	72	U		
orophenyl phenyl ether	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
hylphenol	UG/KG	0	0%	900	0	0	76	72	U	240	UJ	72	UJ	72	U		
oaniline	UG/KG	0	0%		0	0	76	170	U	580	UJ	170	UJ	180	U		
ophenol	UG/KG	0	0%	100	0	0	76	170	U	580	UJ	170	UJ	180	U		
aphthene	UG/KG	88	3%	50000	0	2	76	72	U	88	J	72	UJ	72	U		
aphthylene	UG/KG	170	4%	41000	0	3	76	72	U	170	J	5.9	J	72	U		
acene	UG/KG	340	4%	50000	0	3	76	72	U	290	J	8.4	J	72	U		
o(a)anthracene	UG/KG	1100	7%	224	2	5	76	72	U	110	J	9.4	J	72	U		
o(a)pyrene	UG/KG	880	8%	61	2	6	76	72	U	260	J	7.6	J	72	U		
o(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	72	U	320	J	72	UJ	72	U		
o(ghi)perylene	UG/KG	270	3%	50000	0	2	76	72	U	150	J	72	UJ	72	U		
o(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	72	U	240	R	72	UJ	72	U		
-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
-Chloroethyl)ether	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37	72	U	240	UJ	72	UJ	72	U		
-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	72	U	240	UJ	72	UJ	72	U		
benzylphthalate	UG/KG	120	1%	50000	0	1	76	72	U	240	UJ	72	UJ	72	U		
azole	UG/KG	160	1%		0	1	76	72	U	240	UJ	72	UJ	72	U		
sene	UG/KG	1000	11%	400	2	8	76	72	U	170	J	15	J	72	U		
butylphthalate	UG/KG	63	24%	8100	0	18	76	72	U	240	UJ	72	UJ	72	U		
octylphthalate	UG/KG	37	21%	50000	0	16	76	5.6	J	240	UJ	6.1	J	13	J		
z(a,h)anthracene	UG/KG	48	1%	14	1	1	76	72	U	48	J	72	UJ	72	U		
zofuran	UG/KG	33	1%	6200	0	1	76	72	U	240	UJ	72	UJ	72	U		
l phthalate	UG/KG	0	0%	7100	0	0	76	72	U	240	UJ	72	UJ	72	U		
thylphthalate	UG/KG	0	0%	2000	0	0	76	72	U	240	UJ	72	UJ	72	U		
anthene	UG/KG	2400	11%	50000	0	8	76	72	U	480	J	15	J	72	U		
ene	UG/KG	330	4%	50000	0	3	76	72	U	330	J	12	J	72	U		
chlorobenzene	UG/KG	0	0%	410	0	0	76	72	U	240	UJ	72	UJ	72	U		
chlorobutadiene	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
chlorocyclopentadiene	UG/KG	0	0%		0	0	76	72	UJ	240	UJ	72	UJ	72	U		
chloroethane	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
o(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	72	U	100	J	72	UJ	72	U		
orone	UG/KG	0	0%	4400	0	0	76	72	U	240	UJ	72	UJ	72	U		
rosodiphenylamine	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
rosodipropylamine	UG/KG	0	0%		0	0	76	72	U	240	UJ	72	UJ	72	U		
thalene	UG/KG	130	3%	13000	0	2	76	72	U	130	J	72	UJ	72	U		
benzene	UG/KG	0	0%	200	0	0	76	72	U	240	UJ	72	UJ	72	U		
achlorophenol	UG/KG	0	0%	1000	0	0	76	170	U	580	UJ	170	UJ	180	U		
anthrene	UG/KG	1400	8%	50000	0	6	76	72	U	1400	J	43	J	72	U		
ol	UG/KG	0	0%	30	0	0	76	72	U	240	UJ	72	UJ	72	U		
ne	UG/KG	1800	9%	50000	0	7	76	72	U	1000	J	30	J	72	U		

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 MW4-11 SOIL 4 5.5 12/20/1998 43172 SA N		RI Phase 1 Step 1 MW4-12 SOIL 2 3.4 12/21/1998 43168 SA N		RI Phase 1 Step 1 MW4-12 SOIL 2 3.4 12/21/1998 43169 SA N		RI Phase 1 Step 1 MW4-13 SOIL 2 2.6 12/20/1998 43163 SA N		ESI MW4 SOIL 11/10 SB4-2 SA N
matics																
Trinitrobenzene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
itrobenzene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
Trinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
itrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
itrotoluene	UG/KG	0	0%	1000	0	0	76	120	U	120	U	120	U	120	U	
otoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	U	
o-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
otoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	U	
otoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	U	
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
enzene	UG/KG	0	0%	200	0	0	37	120	U	120	U	120	U	120	U	
	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
	UG/KG	67	1%		0	1	76	120	U	120	U	120	U	120	U	
ides/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	3.6	U	3.6	U	3.6	U	3.6	U	
DE	UG/KG	21	4%	2100	0	3	76	3.6	U	3.6	U	3.6	U	3.6	U	
DT	UG/KG	2.9	1%	2100	0	1	76	3.6	U	2.9	J	3.6	U	3.6	U	
	UG/KG	8.2	1%	41	0	1	76	1.8	U	1.9	U	1.8	U	1.9	U	
-BHC	UG/KG	0	0%	110	0	0	76	1.8	U	1.9	U	1.8	U	1.9	U	
Chlordane	UG/KG	10	1%		0	1	76	1.8	U	1.9	U	1.8	U	1.9	U	
r-1016	UG/KG	0	0%		0	0	76	36	U	36	U	36	U	36	U	
r-1221	UG/KG	0	0%		0	0	76	73	U	74	U	73	U	74	U	
r-1232	UG/KG	0	0%		0	0	76	36	U	36	U	36	U	36	U	
r-1242	UG/KG	0	0%		0	0	76	36	U	36	U	36	U	36	U	
r-1248	UG/KG	27	1%		0	1	76	36	U	36	U	36	U	36	U	
r-1254	UG/KG	1600	5%	10000	0	4	76	36	U	36	U	36	U	36	U	
r-1260	UG/KG	0	0%	10000	0	0	76	36	U	36	U	36	U	36	U	
BHC	UG/KG	1.4	1%	200	0	1	76	1.8	U	1.9	U	1.8	U	1.9	U	
BHC	UG/KG	5.9	1%	300	0	1	76	1.8	U	1.9	U	1.8	U	1.9	U	
n	UG/KG	0	0%	44	0	0	76	3.6	U	3.6	U	3.6	U	3.6	U	
ulfan I	UG/KG	11	1%	900	0	1	76	1.8	U	1.9	U	1.8	U	1.9	U	
ulfan II	UG/KG	0	0%	900	0	0	76	3.6	U	3.6	U	3.6	U	3.6	U	
ulfan sulfate	UG/KG	0	0%	1000	0	0	76	3.6	U	3.6	U	3.6	U	3.6	U	
	UG/KG	34	1%	100	0	1	76	3.6	U	3.6	U	3.6	U	3.6	U	
aldehyde	UG/KG	3.7	1%		0	1	76	3.6	U	3.7	J	3.6	U	3.6	U	
ketone	UG/KG	0	0%		0	0	76	3.6	U	3.6	U	3.6	U	3.6	U	
a-BHC/Lindane	UG/KG	0	0%	60	0	0	76	1.8	U	1.9	U	1.8	U	1.9	U	
a-Chlordane	UG/KG	0	0%	540	0	0	76	1.8	U	1.9	U	1.8	U	1.9	U	
chlor	UG/KG	0	0%	100	0	0	76	1.8	U	1.9	U	1.8	U	1.9	U	
chlor epoxide	UG/KG	0	0%	20	0	0	76	1.8	U	1.9	U	1.8	U	1.9	U	
xychlor	UG/KG	0	0%		0	0	76	18	U	19	U	18	U	19	U	
hene	UG/KG	0	0%		0	0	76	180	U	190	U	180	U	190	U	
cides																
T	UG/KG	0	0%	1900	0	0	39									
TP/Silvex	UG/KG	0	0%	700	0	0	39									
	UG/KG	0	0%	500	0	0	39									
3	UG/KG	0	0%		0	0	39									
on	UG/KG	0	0%		0	0	39									

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 MW4-11 SOIL 4 5.5 12/20/1998 43172 SA N		RI Phase 1 Step 1 MW4-12 SOIL 2 3.4 12/21/1998 43168 SA N		RI Phase 1 Step 1 MW4-12 SOIL 2 3.4 12/21/1998 43169 SA N		RI Phase 1 Step 1 MW4-13 SOIL 2 2.6 12/20/1998 43163 SA N		ESI MW4 SOIL 11/1 SB4- SA N	
~~ides~~	UG/KG	23	3%		0	1	39										
oroprop	UG/KG	0	0%		0	0	39										
seb	UG/KG	0	0%		0	0	39										
A	UG/KG	0	0%		0	0	39										
P	UG/KG	0	0%		0	0	39										
ls																	
inum	MG/KG	21000	100%	19520	3	76	76	13300		11700		16100		13900			
nony	MG/KG	57.8	28%	6	10	21	76	1.2	J	0.63	J	0.67	J	0.68	R		
nic	MG/KG	21.5	100%	8.9	4	76	76	5		3.8		3.6		4.9			
m	MG/KG	133	100%	300	0	76	76	49.1		87.3		47		56.4			
lium	MG/KG	1	99%	1.13	0	75	76	0.6	J	0.43	J	0.69	J	0.55	J		
nium	MG/KG	1.5	4%	2.46	0	3	76	0.1	U	0.04	U	0.04	U	0.09	U		
um	MG/KG	102000	100%	125300	0	76	76	21600		37500		3220		2790			
mium	MG/KG	3820	80%	30	17	61	76	23.2		16.5	J	27.6	J	22.5			
lt	MG/KG	29.1	100%	30	0	76	76	11.8		8.4	J	14.6		12.5			
per	MG/KG	2250	100%	33	14	76	76	22.8		15.3		24		17			
nide	MG/KG	0	0%	0.35	0	0	76	0.62	U	0.64	U	0.65	U	0.63	U		
	MG/KG	40900	100%	37410	6	76	76	28300		20300		33700		28800	J		
	MG/KG	251	100%	24.4	6	76	76	10.1	J	18.8		7.8		12.4	J		
nesium	MG/KG	32000	100%	21700	3	76	76	7720		4030		7330		5180			
ganese	MG/KG	2100	78%	1100	5	59	76	285		566		340		426			
cury	MG/KG	0.12	45%	0.1	1	34	76	0.05	U	0.06	J	0.05	U	0.07	J		
el	MG/KG	62.3	100%	50	8	76	76	40.4		20		47.1		33.2			
ssium	MG/KG	2490	100%	2623	0	76	76	1500		1090		1430		1210			
nium	MG/KG	0.86	33%	2	0	25	76	0.73	U	0.73	UJ	0.78	UJ	0.63	U		
r	MG/KG	1.2	8%	0.8	4	6	76	0.2	U	0.2	U	0.22	U	0.18	U		
um	MG/KG	134	61%	188	0	46	76	53.2	U	53.2	U	56.5	U	45.9	U		
lium	MG/KG	0	0%	0.855	0	0	76	0.63	U	7.3	R	0.78	R	0.54	U		
adium	MG/KG	31	100%	150	0	76	76	19.8		21.6		22.5		20.2			
	MG/KG	1010	100%	115	12	76	76	94.1	J	62.5	J	99.1	J	94.9	J		

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI MW4-2 SOIL 2 4 11/10/1993 SB4-2-2 SA N		ESI MW4-3 SOIL 0 2 11/10/1993 SB4-3-1 SA N		ESI MW4-3 SOIL 4 6 11/10/1993 SB4-3-3 SA N		ESI MW4-3 SOIL 6 8 11/10/1993 SB4-3-4 SA N	
es																
richloroethane	UG/KG	0	0%	800	0	0	76	U	11	U	11	U	11	U	10	U
-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	11	U	11	U	11	U	10	U
richloroethane	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
hloroethane	UG/KG	0	0%	200	0	0	76	U	11	U	11	U	11	U	10	U
hloroethene	UG/KG	0	0%	400	0	0	76	U	11	U	11	U	11	U	10	U
hloroethane	UG/KG	0	0%	100	0	0	76	U	11	U	11	U	11	U	10	U
hloroethene (total)	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
hloropropane	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
e	UG/KG	31	9%	200	0	7	76	U	11	U	11	U	11	U	10	U
ne	UG/KG	0	0%	60	0	0	76	U	11	U	11	U	11	U	10	U
dichloromethane	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
form	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
disulfide	UG/KG	0	0%	2700	0	0	76	U	11	U	11	U	11	U	10	U
tetrachloride	UG/KG	0	0%	600	0	0	76	U	11	U	11	U	11	U	10	U
benzene	UG/KG	0	0%	1700	0	0	76	U	11	U	11	U	11	U	10	U
dibromomethane	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
ethane	UG/KG	0	0%	1900	0	0	76	U	11	U	11	U	11	U	10	U
form	UG/KG	15	8%	300	0	6	76	U	11	U	11	U	11	U	10	U
-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
enzene	UG/KG	1	1%	5500	0	1	76	U	11	U	11	U	11	U	10	U
bromide	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
butyl ketone	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
chloride	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
ethyl ketone	UG/KG	0	0%	300	0	0	76	U	11	U	11	U	11	U	10	U
isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	11	U	11	U	11	U	10	U
ene chloride	UG/KG	2	3%	100	0	2	76	U	11	U	11	U	11	U	10	U
e	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
hloroethene	UG/KG	0	0%	1400	0	0	76	U	11	U	11	U	11	U	10	U
e	UG/KG	13	28%	1500	0	21	76	U	11	U	11	U	11	U	10	U
ylenes	UG/KG	8	4%	1200	0	3	76	U	11	U	11	U	11	U	10	U
1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	11	U	11	U	10	U
roethene	UG/KG	0	0%	700	0	0	76	U	11	U	11	U	11	U	10	U
hloride	UG/KG	0	0%	200	0	0	76	U	11	U	11	U	11	U	10	U
olatile Organics																
richlorobenzene	UG/KG	0	0%	3400	0	0	76	U	340	U	360	U	350	U	350	U
hlorobenzene	UG/KG	0	0%	7900	0	0	76	U	340	U	360	U	350	U	350	U
hlorobenzene	UG/KG	0	0%	1600	0	0	76	U	340	U	360	U	350	U	350	U
hlorobenzene	UG/KG	0	0%	8500	0	0	76	U	340	U	360	U	350	U	350	U
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	39	U	340	U	360	U	350	U	350	U
richlorophenol	UG/KG	0	0%	100	0	0	76	U	830	U	870	U	860	U	850	U
richlorophenol	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
hlorophenol	UG/KG	0	0%	400	0	0	76	U	340	U	360	U	350	U	350	U
nethylphenol	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
itrophenol	UG/KG	0	0%	200	0	0	76	U	830	U	870	U	860	U	850	U
itrotoluene	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
itrotoluene	UG/KG	0	0%	1000	0	0	76	U	340	U	360	U	350	U	350	U
ronaphthalene	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
rophenol	UG/KG	0	0%	800	0	0	76	U	340	U	360	U	350	U	350	U
ylnaphthalene	UG/KG	260	4%	36400	0	3	76	U	340	U	360	U	350	U	350	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI MW4-2 SOIL 2 4 11/10/1993 SB4-2-2 SA N		ESI MW4-3 SOIL 0 2 11/10/1993 SB4-3-1 SA N		ESI MW4-3 SOIL 4 6 11/10/1993 SB4-3-3 SA N		ESI MW4-3 SOIL 6 8 11/10/1993 SB4-3-4 SA N	
ilor phenol	UG/KG	0	0%	100	0	0	76	U	340	U	360	U	350	U	350	U
oaniline	UG/KG	0	0%	430	0	0	76	U	830	U	870	U	860	U	850	U
ophenol	UG/KG	0	0%	330	0	0	76	U	340	U	360	U	350	U	350	U
ichlorobenzidine	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
oaniline	UG/KG	0	0%	500	0	0	76	U	830	U	870	U	860	U	850	U
initro-2-methylphenol	UG/KG	0	0%		0	0	76	U	830	U	870	U	860	U	850	U
mophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
oro-3-methylphenol	UG/KG	0	0%	240	0	0	76	U	340	U	360	U	350	U	350	U
oroaniline	UG/KG	0	0%	220	0	0	76	U	340	U	360	U	350	U	350	U
orophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
hylphenol	UG/KG	0	0%	900	0	0	76	U	340	U	360	U	350	U	350	U
oaniline	UG/KG	0	0%		0	0	76	U	830	U	870	U	860	U	850	U
ophenol	UG/KG	0	0%	100	0	0	76	U	830	U	870	U	860	U	850	U
aphthene	UG/KG	88	3%	50000	0	2	76	U	340	U	360	U	350	U	350	U
aphthylene	UG/KG	170	4%	41000	0	3	76	U	340	U	360	U	350	U	350	U
acene	UG/KG	340	4%	50000	0	3	76	U	340	U	360	U	350	U	350	U
o(a)anthracene	UG/KG	1100	7%	224	2	5	76	U	340	U	26	J	350	U	350	U
o(a)pyrene	UG/KG	880	8%	61	2	6	76	U	340	U	27	J	350	U	350	U
o(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	U	340	U	32	J	350	U	350	U
o(ghi)perylene	UG/KG	270	3%	50000	0	2	76	U	340	U	360	U	350	U	350	U
o(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	U	340	U	31	J	350	U	350	U
-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37									
-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76		1100		2000		1500		1400	
benzylphthalate	UG/KG	120	1%	50000	0	1	76	U	340	U	360	U	350	U	350	U
azole	UG/KG	160	1%		0	1	76	U	340	U	360	U	350	U	350	U
sene	UG/KG	1000	11%	400	2	8	76	U	340	U	39	J	350	U	350	U
butylphthalate	UG/KG	63	24%	8100	0	18	76	J	18	J	29	J	19	J	19	J
octylphthalate	UG/KG	37	21%	50000	0	16	76	U	340	U	360	U	350	U	350	U
nz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	U	340	U	360	U	350	U	350	U
nzofuran	UG/KG	33	1%	6200	0	1	76	U	340	U	360	U	350	U	350	U
yl phthalate	UG/KG	0	0%	7100	0	0	76	U	340	U	360	U	350	U	350	U
thylphthalate	UG/KG	0	0%	2000	0	0	76	U	340	U	360	U	350	U	350	U
anthene	UG/KG	2400	11%	50000	0	8	76	U	340	U	62	J	350	U	350	U
ene	UG/KG	330	4%	50000	0	3	76	U	340	U	360	U	350	U	350	U
chlorobenzene	UG/KG	0	0%	410	0	0	76	U	340	U	360	U	350	U	350	U
chlorobutadiene	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
chloroethane	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
no(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	U	340	U	360	U	350	U	350	U
horone	UG/KG	0	0%	4400	0	0	76	U	340	U	360	U	350	U	350	U
rosodiphenylamine	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
rosodipropylamine	UG/KG	0	0%		0	0	76	U	340	U	360	U	350	U	350	U
thalene	UG/KG	130	3%	13000	0	2	76	U	340	U	360	U	350	U	350	U
benzene	UG/KG	0	0%	200	0	0	76	U	340	U	360	U	350	U	350	U
achlorophenol	UG/KG	0	0%	1000	0	0	76	U	830	U	870	U	860	U	850	U
anthrene	UG/KG	1400	8%	50000	0	6	76	U	340	U	26	J	350	U	350	U
ol	UG/KG	0	0%	30	0	0	76	U	340	U	360	U	350	U	350	U
ne	UG/KG	1800	9%	50000	0	7	76	U	340	U	52	J	350	U	350	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI MW4-2 SOIL 2 4 11/10/1993 SB4-2-2 SA N		ESI MW4-3 SOIL 0 2 11/10/1993 SB4-3-1 SA N		ESI MW4-3 SOIL 4 6 11/10/1993 SB4-3-3 SA N		ESI MW4-3 SOIL 6 8 11/10/1993 SB4-3-4 SA N	
[illegible]matics																
Trinitrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
nitrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
Trinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
nitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
nitrotoluene	UG/KG	0	0%	1000	0	0	76	U	130	U	130	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37									
no-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37									
otoluene	UG/KG	0	0%		0	0	37									
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
enzene	UG/KG	0	0%	200	0	0	37									
	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
	UG/KG	67	1%		0	1	76	U	130	U	130	U	130	U	130	U
cides/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	U	3.5	U	3.6	U	3.6	U	3.5	U
DE	UG/KG	21	4%	2100	0	3	76	U	3.5	U	3.2	J	3.6	U	3.5	U
DT	UG/KG	2.9	1%	2100	0	1	76	U	3.5	U	3.6	U	3.6	U	3.5	U
	UG/KG	8.2	1%	41	0	1	76	U	1.8	U	1.9	U	1.8	U	1.8	U
-BHC	UG/KG	0	0%	110	0	0	76	U	1.8	U	1.9	U	1.8	U	1.8	U
-Chlordane	UG/KG	10	1%		0	1	76	U	1.8	U	1.9	U	1.8	U	1.8	U
or-1016	UG/KG	0	0%		0	0	76	U	35	U	36	U	36	U	35	U
or-1221	UG/KG	0	0%		0	0	76	U	71	U	74	U	73	U	71	U
or-1232	UG/KG	0	0%		0	0	76	U	35	U	36	U	36	U	35	U
or-1242	UG/KG	0	0%		0	0	76	U	35	U	36	U	36	U	35	U
or-1248	UG/KG	27	1%		0	1	76	U	27	J	36	U	36	U	35	U
or-1254	UG/KG	1600	5%	10000	0	4	76	U	35	U	28	J	36	U	35	U
or-1260	UG/KG	0	0%	10000	0	0	76	U	35	U	36	U	36	U	35	U
BHC	UG/KG	1.4	1%	200	0	1	76	U	1.8	U	1.9	U	1.8	U	1.8	U
BHC	UG/KG	5.9	1%	300	0	1	76	U	1.8	U	1.9	U	1.8	U	1.8	U
in	UG/KG	0	0%	44	0	0	76	U	3.5	U	3.6	U	3.6	U	3.5	U
sulfan I	UG/KG	11	1%	900	0	1	76	U	1.8	U	1.9	U	1.8	U	1.8	U
sulfan II	UG/KG	0	0%	900	0	0	76	U	3.5	U	3.6	U	3.6	U	3.5	U
sulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	3.5	U	3.6	U	3.6	U	3.5	U
n	UG/KG	34	1%	100	0	1	76	U	3.5	U	3.6	U	3.6	U	3.5	U
n aldehyde	UG/KG	3.7	1%		0	1	76	U	3.5	U	3.6	U	3.6	U	3.5	U
n ketone	UG/KG	0	0%		0	0	76	U	3.5	U	3.6	U	3.6	U	3.5	U
na-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	1.8	U	1.9	U	1.8	U	1.8	U
na-Chlordane	UG/KG	0	0%	540	0	0	76	U	1.8	U	1.9	U	1.8	U	1.8	U
chlor	UG/KG	0	0%	100	0	0	76	U	1.8	U	1.9	U	1.8	U	1.8	U
chlor epoxide	UG/KG	0	0%	20	0	0	76	U	1.8	U	1.9	U	1.8	U	1.8	U
oxychlor	UG/KG	0	0%		0	0	76	U	18	U	19	U	18	U	18	U
ophene	UG/KG	0	0%		0	0	76	U	180	U	190	U	180	U	180	U
cides																
T	UG/KG	0	0%	1900	0	0	39	U	5.3	U	5.5	U	5.5	UJ	5.4	U
TP/Silvex	UG/KG	0	0%	700	0	0	39	U	5.3	U	5.5	U	5.5	UJ	5.4	U
	UG/KG	0	0%	500	0	0	39	U	53	U	55	U	55	UJ	54	U
B	UG/KG	0	0%		0	0	39	U	53	U	55	U	55	UJ	54	U
on	UG/KG	0	0%		0	0	39	U	130	U	140	U	130	UJ	130	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI MW4-2 SOIL 2 4 11/10/1993 SB4-2-2 SA N		ESI MW4-3 SOIL 0 2 11/10/1993 SB4-3-1 SA N		ESI MW4-3 SOIL 4 6 11/10/1993 SB4-3-3 SA N		ESI MW4-3 SOIL 6 8 11/10/1993 SB4-3-4 SA N	
[illegible]	UG/KG	23	3%		0	1	39	U	5.3	U	5.5	U	5.5	UJ	5.4	U
roprop	UG/KG	0	0%		0	0	39	U	53	U	55	U	55	UJ	54	U
eb	UG/KG	0	0%		0	0	39	U	27	U	28	U	28	UJ	27	U
A	UG/KG	0	0%		0	0	39	U	5300	U	5500	U	5500	UJ	5400	U
	UG/KG	0	0%		0	0	39	U	5300	U	5500	U	5500	UJ	5400	U
s																
num	MG/KG	21000	100%	19520	3	76	76		15600		9590		9680		9730	
ony	MG/KG	57.8	28%	6	10	21	76	U	7.6	U	5.8	U	10.1	U	5.8	U
ic	MG/KG	21.5	100%	8.9	4	76	76	J	4.2	J	4.9	J	6.8	J	[illegible]	J
m	MG/KG	133	100%	300	0	76	76		46		29.8		49.6		39.7	
ium	MG/KG	1	99%	1.13	0	75	76		0.72	J	0.48	J	0.43	J	0.52	J
ium	MG/KG	1.5	4%	2.46	0	3	76	UR	0.48	UR	0.37	UR	0.63	UR	0.36	UR
um	MG/KG	102000	100%	125300	0	76	76		12700		24700		59600		31400	
nium	MG/KG	3820	80%	30	17	61	76		27.5		19.1		17.3		17.2	
lt	MG/KG	29.1	100%	30	0	76	76		14.3		11.1		9.9		12.5	
er	MG/KG	2250	100%	33	14	76	76	J	27.5	J	27.8	J	19.1	J	17.5	J
de	MG/KG	0	0%	0.35	0	0	76	U	0.49	U	0.52	U	0.51	U	0.52	U
	MG/KG	40900	100%	37410	6	76	76		33900		21900		22300		21200	
	MG/KG	251	100%	24.4	6	76	76		8.3		19.7		5.4		10.1	
esium	MG/KG	32000	100%	21700	3	76	76		7160		4920		12100		5610	
anese	MG/KG	2100	78%	1100	5	59	76		436		338		388		373	
ury	MG/KG	0.12	45%	0.1	1	34	76	U	0.02	U	0.03	J	0.02	U	0.04	U
l	MG/KG	62.3	100%	50	8	76	76		42.7		36.6		28.6		28.5	
ssium	MG/KG	2490	100%	2623	0	76	76		1210		923		1090		1050	
ium	MG/KG	0.86	33%	2	0	25	76	J	0.21	UJ	0.36	J	0.2	UJ	0.22	UJ
	MG/KG	1.2	8%	0.8	4	6	76	UJ	0.97	UJ	0.74	UJ	1.3	UJ	0.73	UJ
um	MG/KG	134	61%	188	0	46	76	J	71.1	J	78.8	J	126	J	96	J
um	MG/KG	0	0%	0.855	0	0	76	UJ	0.22	UJ	0.24	UJ	0.21	UJ	0.24	UJ
dium	MG/KG	31	100%	150	0	76	76		22.5		15		15.5		13.8	
	MG/KG	1010	100%	115	12	76	76	J	95	J	45.5	J	87.3	J	69.4	J

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-5 DU N		ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-1 SA N		ESI MW4-4 SOIL 4 6 12/5/1993 SB4-4-2 SA N		ESI MW4-4 SOIL 6 8 12/5/1993 SB4-4-3 SA N		ESI MW4-5 SOIL 0 2 12/5/1993 SB4-5-1 SA N	
les																	
Trichloroethane	UG/KG	0	0%	800	0	0	76	13	U	13	U	11	U	11	U	11	
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	13	U	13	U	11	U	11	U	11	
Trichloroethane	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
chloroethane	UG/KG	0	0%	200	0	0	76	13	U	13	U	11	U	11	U	11	
chloroethene	UG/KG	0	0%	400	0	0	76	13	U	13	U	11	U	11	U	11	
chloroethane	UG/KG	0	0%	100	0	0	76	13	U	13	U	11	U	11	U	11	
chloroethene (total)	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
chloropropane	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
ne	UG/KG	31	9%	200	0	7	76	13	U	2	J	11	U	11	U	11	
ene	UG/KG	0	0%	60	0	0	76	13	U	13	U	11	U	11	U	11	
odichloromethane	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
oform	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
n disulfide	UG/KG	0	0%	2700	0	0	76	13	U	13	U	11	U	11	U	11	
n tetrachloride	UG/KG	0	0%	600	0	0	76	13	U	13	U	11	U	11	U	11	
obenzene	UG/KG	0	0%	1700	0	0	76	13	U	13	U	11	U	11	U	11	
odibromomethane	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
oethane	UG/KG	0	0%	1900	0	0	76	13	U	13	U	11	U	11	U	11	
oform	UG/KG	15	8%	300	0	6	76	13	U	13	U	11	U	11	U	11	
3-Dichloropropene	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
oenzene	UG/KG	1	1%	5500	0	1	76	13	U	13	U	11	U	11	U	11	
l bromide	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
l butyl ketone	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
l chloride	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
l ethyl ketone	UG/KG	0	0%	300	0	0	76	13	U	13	U	11	U	11	U	11	
l isobutyl ketone	UG/KG	0	0%	1000	0	0	76	13	U	13	U	11	U	11	U	11	
lene chloride	UG/KG	2	3%	100	0	2	76	13	U	13	U	11	U	11	U	11	
ne	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
chloroethene	UG/KG	0	0%	1400	0	0	76	13	U	13	U	11	U	11	U	11	
ne	UG/KG	13	28%	1500	0	21	76	13	U	13	U	11	U	11	U	11	
Xylenes	UG/KG	8	4%	1200	0	3	76	13	U	13	U	11	U	11	U	11	
-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	13	U	13	U	11	U	11	U	11	
oroethene	UG/KG	0	0%	700	0	0	76	13	U	13	U	11	U	11	U	11	
chloride	UG/KG	0	0%	200	0	0	76	13	U	13	U	11	U	11	U	11	
volatile Organics																	
Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	850	U	450	U	360	U	370	U	390	
ichlorobenzene	UG/KG	0	0%	7900	0	0	76	850	U	450	U	360	U	370	U	390	
ichlorobenzene	UG/KG	0	0%	1600	0	0	76	850	U	450	U	360	U	370	U	390	
ichlorobenzene	UG/KG	0	0%	8500	0	0	76	850	U	450	U	360	U	370	U	390	
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	39	850	U	450	U	360	U	370	U	390	
Trichlorophenol	UG/KG	0	0%	100	0	0	76	2000	U	1100	U	870	U	890	U	940	
Trichlorophenol	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
ichlorophenol	UG/KG	0	0%	400	0	0	76	850	U	450	U	360	U	370	U	390	
imethylphenol	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
initrophenol	UG/KG	0	0%	200	0	0	76	2000	U	1100	U	870	U	890	U	940	
initrotoluene	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
initrotoluene	UG/KG	0	0%	1000	0	0	76	850	U	450	U	360	U	370	U	390	
oronaphthalene	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
orophenol	UG/KG	0	0%	800	0	0	76	850	U	450	U	360	U	370	U	390	
hylnaphthalene	UG/KG	260	4%	36400	0	3	76	850	U	450	U	360	U	370	U	390	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-5 DU N		ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-1 SA N		ESI MW4-4 SOIL 4 6 12/5/1993 SB4-4-2 SA N		ESI MW4-4 SOIL 6 8 12/5/1993 SB4-4-3 SA N		ESI MW4-5 SOIL 0 2 12/5/1993 SB4-5-1 SA N	
ilorophenol	UG/KG	0	0%	100	0	0	76	850	U	450	U	360	U	370	U	390	U
roaniline	UG/KG	0	0%	430	0	0	76	2000	U	1100	U	870	U	890	U	940	U
rophenol	UG/KG	0	0%	330	0	0	76	850	U	450	U	360	U	370	U	390	U
Dichlorobenzidine	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	U
roaniline	UG/KG	0	0%	500	0	0	76	2000	U	1100	U	870	U	890	U	940	U
initro-2-methylphenol	UG/KG	0	0%		0	0	76	2000	U	1100	U	870	U	890	U	940	U
mophenyl phenyl ether	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	U
loro-3-methylphenol	UG/KG	0	0%	240	0	0	76	850	U	450	U	360	U	370	U	390	U
loroaniline	UG/KG	0	0%	220	0	0	76	850	U	450	U	360	U	370	U	390	U
lorophenyl phenyl ether	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	U
thylphenol	UG/KG	0	0%	900	0	0	76	850	U	450	U	360	U	370	U	390	U
roaniline	UG/KG	0	0%		0	0	76	2000	U	1100	U	870	U	890	U	940	U
rophenol	UG/KG	0	0%	100	0	0	76	2000	U	1100	U	870	U	890	U	940	U
aphthene	UG/KG	88	3%	50000	0	2	76	850	U	450	U	360	U	370	U	390	U
aphthylene	UG/KG	170	4%	41000	0	3	76	850	U	450	U	360	U	370	U	390	U
racene	UG/KG	340	4%	50000	0	3	76	850	U	450	U	360	U	370	U	390	U
o(a)anthracene	UG/KG	1100	7%	224	2	5	76	850	U	450	U	360	U	370	U	53	
o(a)pyrene	UG/KG	880	8%	61	2	6	76	850	U	450	U	360	U	370	U	53	
o(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	850	U	450	U	360	U	370	U	41	
o(ghi)perylene	UG/KG	270	3%	50000	0	2	76	850	U	450	U	360	U	370	U	390	U
o(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	850	U	450	U	360	U	370	U	52	
-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37										
-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	31	JR	180	JR	66	JR	130	JR	31	
benzylphthalate	UG/KG	120	1%	50000	0	1	76	390	UR	450	UR	360	UR	370	UR	390	
azole	UG/KG	160	1%		0	1	76	850	U	450	U	360	U	370	U	390	
sene	UG/KG	1000	11%	400	2	8	76	850	U	450	U	360	U	370	U	74	
butylphthalate	UG/KG	63	24%	8100	0	18	76	390	UR	450	UR	360	UR	370	UR	390	
octylphthalate	UG/KG	37	21%	50000	0	16	76	850	U	450	U	360	U	370	U	390	
nz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	850	U	450	U	360	U	370	U	390	
nzofuran	UG/KG	33	1%	6200	0	1	76	850	U	450	U	360	U	370	U	390	
yl phthalate	UG/KG	0	0%	7100	0	0	76	850	U	450	U	360	U	370	U	390	
thylphthalate	UG/KG	0	0%	2000	0	0	76	850	U	450	U	360	U	370	U	390	
ranthene	UG/KG	2400	11%	50000	0	8	76	850	U	450	U	360	U	370	U	60	
rene	UG/KG	330	4%	50000	0	3	76	850	U	450	U	360	U	370	U	390	
chlorobenzene	UG/KG	0	0%	410	0	0	76	850	U	450	U	360	U	370	U	390	
chlorobutadiene	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
chlorocyclopentadiene	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
chloroethane	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
no(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	850	U	450	U	360	U	370	U	390	
horone	UG/KG	0	0%	4400	0	0	76	850	U	450	U	360	U	370	U	390	
trosodiphenylamine	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
trosodipropylamine	UG/KG	0	0%		0	0	76	850	U	450	U	360	U	370	U	390	
thalene	UG/KG	130	3%	13000	0	2	76	850	U	450	U	360	U	370	U	390	
benzene	UG/KG	0	0%	200	0	0	76	850	U	450	U	360	U	370	U	390	
achlorophenol	UG/KG	0	0%	1000	0	0	76	2000	U	1100	U	870	U	890	U	940	
nanthrene	UG/KG	1400	8%	50000	0	6	76	850	U	450	U	360	U	370	U	45	
hol	UG/KG	0	0%	30	0	0	76	850	U	450	U	360	U	370	U	390	
ne	UG/KG	1800	9%	50000	0	7	76	850	U	450	U	360	U	370	U	140	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-5 DU N		ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-1 SA N		ESI MW4-4 SOIL 4 6 12/5/1993 SB4-4-2 SA N		ESI MW4-4 SOIL 6 8 12/5/1993 SB4-4-3 SA N		ESI MW4-5 SOIL 12/5/1993 SB4-5-1 SA N	
Aromatics																	
-Trinitrobenzene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
initrobenzene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
-Trinitrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
initrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
initrotoluene	UG/KG	0	0%	1000	0	0	76	130	U	130	U	130	U	130	U	130	
otoluene	UG/KG	0	0%		0	0	37										
ino-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
otoluene	UG/KG	0	0%		0	0	37										
otoluene	UG/KG	0	0%		0	0	37										
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
benzene	UG/KG	0	0%	200	0	0	37										
	UG/KG	0	0%		0	0	76	130	U	130	U	130	U	130	U	130	
l	UG/KG	67	1%		0	1	76	130	U	130	U	130	U	130	U	130	
cides/PCBs																	
DD	UG/KG	0	0%	2900	0	0	76	4.2	UJ	4.5	U	3.6	U	3.7	U	1	
DE	UG/KG	21	4%	2100	0	3	76	4.2	UJ	4.5	U	3.6	U	3.7	U	2	
DT	UG/KG	2.9	1%	2100	0	1	76	4.2	UJ	4.5	U	3.6	U	3.7	U	1	
n	UG/KG	8.2	1%	41	0	1	76	2.2	UJ	2.3	U	1.8	U	1.9	U	8.	
a-BHC	UG/KG	0	0%	110	0	0	76	2.2	UJ	2.3	U	1.8	U	1.9	U	9.	
a-Chlordane	UG/KG	10	1%		0	1	76	2.2	UJ	2.3	U	1.8	U	1.9	U	1	
or-1016	UG/KG	0	0%		0	0	76	42	UJ	45	U	36	U	37	U	19	
or-1221	UG/KG	0	0%		0	0	76	85	UJ	91	U	73	U	74	U	39	
or-1232	UG/KG	0	0%		0	0	76	42	UJ	45	U	36	U	37	U	19	
or-1242	UG/KG	0	0%		0	0	76	42	UJ	45	U	36	U	37	U	19	
or-1248	UG/KG	27	1%		0	1	76	42	UJ	45	U	36	U	37	U	19	
or-1254	UG/KG	1600	5%	10000	0	4	76	42	UJ	29	J	36	U	37	U	160	
or-1260	UG/KG	0	0%	10000	0	0	76	42	UJ	45	U	36	U	37	U	19	
-BHC	UG/KG	1.4	1%	200	0	1	76	2.2	UJ	2.3	U	1.8	U	1.9	U	9.	
-BHC	UG/KG	5.9	1%	300	0	1	76	2.2	UJ	2.3	U	1.8	U	1.9	U	5.	
drin	UG/KG	0	0%	44	0	0	76	4.2	UJ	4.5	U	3.6	U	3.7	U	1	
osulfan I	UG/KG	11	1%	900	0	1	76	2.2	UJ	2.3	U	1.8	U	1.9	U	1	
osulfan II	UG/KG	0	0%	900	0	0	76	4.2	UJ	4.5	U	3.6	U	3.7	U	1	
osulfan sulfate	UG/KG	0	0%	1000	0	0	76	4.2	UJ	4.5	U	3.6	U	3.7	U	1	
drin	UG/KG	34	1%	100	0	1	76	4.2	UJ	4.5	U	3.6	U	3.7	U	3	
drin aldehyde	UG/KG	3.7	1%		0	1	76	4.2	UJ	4.5	U	3.6	U	3.7	U	1	
drin ketone	UG/KG	0	0%		0	0	76	4.2	UJ	4.5	U	3.6	U	3.7	U	1	
mma-BHC/Lindane	UG/KG	0	0%	60	0	0	76	2.2	UJ	2.3	U	1.8	U	1.9	U	9.	
mma-Chlordane	UG/KG	0	0%	540	0	0	76	2.2	UJ	2.3	U	1.8	U	1.9	U	9.	
achlor	UG/KG	0	0%	100	0	0	76	2.2	UJ	2.3	U	1.8	U	1.9	U	9.	
achlor epoxide	UG/KG	0	0%	20	0	0	76	2.2	UJ	2.3	U	1.8	U	1.9	U	9.	
oxychlor	UG/KG	0	0%		0	0	76	22	UJ	23	U	18	U	19	U	9	
aphene	UG/KG	0	0%		0	0	76	220	UJ	230	U	180	U	190	U	98	
icides																	
5-T	UG/KG	0	0%	1900	0	0	39	6.4	U	6.9	U	5.4	U	5.5	U	5.	
5-TP/Silvex	UG/KG	0	0%	700	0	0	39	6.4	U	6.9	U	5.4	U	5.5	U	5.	
D	UG/KG	0	0%	500	0	0	39	64	U	69	U	54	U	55	U	5	
DB	UG/KG	0	0%		0	0	39	64	U	69	U	54	U	55	U	5	
apon	UG/KG	0	0%		0	0	39	160	U	170	U	130	U	140	U	15	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-5 DU N		ESI MW4-4 SOIL 0 2 12/5/1993 SB4-4-1 SA N		ESI MW4-4 SOIL 4 6 12/5/1993 SB4-4-2 SA N		ESI MW4-4 SOIL 6 8 12/5/1993 SB4-4-3 SA N		ESI MW4-5 SOIL 12/5/199 SB4-5-1 SA N	
nics	UG/KG	23	3%		0	1	39	6.4	U	23		5.4	U	5.5	U	5.	
loroprop	UG/KG	0	0%		0	0	39	64	U	69	U	54	U	55	U	5	
seb	UG/KG	0	0%		0	0	39	32	U	35	U	27	UJ	28	U	3	
PA	UG/KG	0	0%		0	0	39	6400	U	6900	U	5400	U	5500	U	590	
PP	UG/KG	0	0%		0	0	39	6400	U	6900	U	5400	U	5500	U	590	
als																	
inum	MG/KG	21000	100%	19520	3	76	76	16200		16100		9500		10200		1500	
mony	MG/KG	57.8	28%	6	10	21	76	57.8	J	16.1	J	3.4	UJ	4.4	UJ		
enic	MG/KG	21.5	100%	8.9	4	76	76	7.1		6.9		4.5		5		3.	
um	MG/KG	133	100%	300	0	76	76	122		107		45.4		50.5		92.	
yllium	MG/KG	1	99%	1.13	0	75	76	0.8	J	0.8	J	0.37	J	0.38	J	0.6	
mium	MG/KG	1.5	4%	2.46	0	3	76	0.34	U	0.51	U	0.33	U	0.42	U	0.6	
cium	MG/KG	102000	100%	125300	0	76	76	6840		4500		65300		61300		4280	
omium	MG/KG	3820	80%	30	17	61	76	2670	R	936	R	21.8	R	75.8	R	23.	
alt	MG/KG	29.1	100%	30	0	76	76	15.2		11.8	J	10.5		9.8	J	12.	
per	MG/KG	2250	100%	33	14	76	76	1520	J	1190	J	19.6	J	54.8	J	26.	
nide	MG/KG	0	0%	0.35	0	0	76	0.63	U	0.73	U	0.62	U	0.54	U	0.5	
	MG/KG	40900	100%	37410	6	76	76	33700		28400		20500		24400		2790	
d	MG/KG	251	100%	24.4	6	76	76	19.1	J	20.9	J	8.7	J	6.8	J		
nesium	MG/KG	32000	100%	21700	3	76	76	5110		4380		11700		8390		1020	
ganese	MG/KG	2100	78%	1100	5	59	76	917		564		543		540		64	
cury	MG/KG	0.12	45%	0.1	1	34	76	0.04	J	0.03	U	0.03	J	0.04	U	0.0	
kel	MG/KG	62.3	100%	50	8	76	76	35.4		39.6		24.6		27.2		34.	
assium	MG/KG	2490	100%	2623	0	76	76	1430		1510		1040		1090		172	
enium	MG/KG	0.86	33%	2	0	25	76	0.76	J	0.73	J	0.1	UJ	0.23	J	0.3	
er	MG/KG	1.2	8%	0.8	4	6	76	0.68	U	1	U	0.67	U	0.85	U	0.7	
ium	MG/KG	134	61%	188	0	46	76	49.2	J	51.3	J	116	J	132	J	90.	
llium	MG/KG	0	0%	0.855	0	0	76	0.24	U	0.18	U	0.16	U	0.2	U	0.2	
adium	MG/KG	31	100%	150	0	76	76	27.7		25.3		13.1		14.4		23.	
	MG/KG	1010	100%	115	12	76	76	423		1010		61.6		112			

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-5 SOIL 2 4 12/5/1993 SB4-5-2 SA N		RI Phase 1 Step 1 MW4-6 SOIL 2 3.5 12/19/1998 43154 SA N		RI Phase 1 Step 1 MW4-6 SOIL 6 6.5 12/19/1998 43155 SA N		RI Phase 1 Step 1 MW4-7 SOIL 0.5 1.5 12/20/1998 43159 SA N		RI P MW4 SOIL 12/1 SA N
atiles																
1-Trichloroethane	UG/KG	0	0%	800	0	0	76	11	U	11	U	11	U	11	U	
2,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	11	U	
2-Trichloroethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
-Dichloroethane	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	11	U	
-Dichloroethene	UG/KG	0	0%	400	0	0	76	11	U	11	U	11	U	11	U	
-Dichloroethane	UG/KG	0	0%	100	0	0	76	11	U	11	U	11	U	11	U	
-Dichloroethene (total)	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
-Dichloropropane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
tone	UG/KG	31	9%	200	0	7	76	11	U	24	U	20	U	16	U	
zene	UG/KG	0	0%	60	0	0	76	11	U	11	U	11	U	11	U	
modichloromethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
moform	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
bon disulfide	UG/KG	0	0%	2700	0	0	76	11	U	11	U	11	U	11	U	
bon tetrachloride	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	11	U	
orobenzene	UG/KG	0	0%	1700	0	0	76	11	U	11	U	11	U	11	U	
orodibromomethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
oroethane	UG/KG	0	0%	1900	0	0	76	11	U	11	U	11	U	11	U	
oroform	UG/KG	15	8%	300	0	6	76	11	U	11	U	11	U	11	U	
-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
yl benzene	UG/KG	1	1%	5500	0	1	76	11	U	11	U	11	U	11	U	
hyl bromide	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
hyl butyl ketone	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
hyl chloride	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
hyl ethyl ketone	UG/KG	0	0%	300	0	0	76	11	U	11	U	11	U	11	U	
hyl isobutyl ketone	UG/KG	0	0%	1000	0	0	76	11	U	11	U	11	U	11	U	
hylene chloride	UG/KG	2	3%	100	0	2	76	11	U	11	U	2	J	11	U	
rene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
rachloroethene	UG/KG	0	0%	1400	0	0	76	11	U	11	U	11	U	11	U	
uene	UG/KG	13	28%	1500	0	21	76	11	U	2	J	13		1	J	
al Xylenes	UG/KG	8	4%	1200	0	3	76	11	U	11	U	11	U	11	U	
ns-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U	
hloroethene	UG/KG	0	0%	700	0	0	76	11	U	11	U	11	U	11	U	
yl chloride	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	11	U	
nivolatile Organics																
4-Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	380	U	72	U	71	U	76	U	
-Dichlorobenzene	UG/KG	0	0%	7900	0	0	76	380	U	72	U	71	U	76	U	
-Dichlorobenzene	UG/KG	0	0%	1600	0	0	76	380	U	72	U	71	U	76	U	
-Dichlorobenzene	UG/KG	0	0%	8500	0	0	76	380	U	72	U	71	U	76	U	
-oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	39	380	U							
5-Trichlorophenol	UG/KG	0	0%	100	0	0	76	930	U	170	U	170	U	180	U	
6-Trichlorophenol	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
-Dichlorophenol	UG/KG	0	0%	400	0	0	76	380	U	72	U	71	U	76	U	
-Dimethylphenol	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	UJ	
-Dinitrophenol	UG/KG	0	0%	200	0	0	76	930	U	170	U	170	U	180	R	
-Dinitrotoluene	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
-Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	380	U	72	U	71	U	76	U	
hloronaphthalene	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
hlorophenol	UG/KG	0	0%	800	0	0	76	380	U	72	U	71	U	76	U	
lethylnaphthalene	UG/KG	260	4%	36400	0	3	76	380	U	72	U	71	U	76	U	

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								ESI		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI
								MW4-5		MW4-6		MW4-6		MW4-7		MW
								SOIL		SOIL		SOIL		SOIL		SO
								2		2		6		0.5		
								4		3.5		6.5		1.5		
			FREQUENCY OF		NUMBER ABOVE	NUMBER OF	NUMBER OF	12/5/1993		12/19/1998		12/19/1998		12/20/1998		12
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES	SB4-5-2		43154		43155		43159		
								SA		SA		SA		SA		SA
								N		N		N		N		N
Methylphenol	UG/KG	0	0%	100	0	0	76	380	U	72	U	71	U	76	U	
Nitroaniline	UG/KG	0	0%	430	0	0	76	930	U	170	U	170	U	180	U	
Nitrophenol	UG/KG	0	0%	330	0	0	76	380	U	72	U	71	U	76	U	
3'-Dichlorobenzidine	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
Nitroaniline	UG/KG	0	0%	500	0	0	76	930	U	170	U	170	U	180	U	
6-Dinitro-2-methylphenol	UG/KG	0	0%		0	0	76	930	U	170	U	170	U	180	UJ	
Bromophenyl phenyl ether	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
Chloro-3-methylphenol	UG/KG	0	0%	240	0	0	76	380	U	72	U	71	U	76	U	
Chloroaniline	UG/KG	0	0%	220	0	0	76	380	U	72	U	71	U	76	U	
Chlorophenyl phenyl ether	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
Methylphenol	UG/KG	0	0%	900	0	0	76	380	U	72	U	71	U	76	U	
Nitroaniline	UG/KG	0	0%		0	0	76	930	U	170	U	170	U	180	U	
Nitrophenol	UG/KG	0	0%	100	0	0	76	930	U	170	U	170	U	180	U	
cenaphthene	UG/KG	88	3%	50000	0	2	76	380	U	72	U	71	U	76	U	
cenaphthylene	UG/KG	170	4%	41000	0	3	76	380	U	72	U	71	U	76	U	
nthracene	UG/KG	340	4%	50000	0	3	76	380	U	72	U	71	U	76	U	
enzo(a)anthracene	UG/KG	1100	7%	224	2	5	76	380	U	72	U	71	U	76	U	
enzo(a)pyrene	UG/KG	880	8%	61	2	6	76	380	U	72	U	71	U	76	U	
enzo(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	380	U	72	U	71	U	76	U	
enzo(ghi)perylene	UG/KG	270	3%	50000	0	2	76	380	U	72	U	71	U	76	U	
enzo(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	380	U	72	U	71	U	76	U	
is(2-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
is(2-Chloroethyl)ether	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
is(2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37			72	U	71	U	76	U	
is(2-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	380	UR	72	U	71	U	76	U	
utylbenzylphthalate	UG/KG	120	1%	50000	0	1	76	380	UR	72	U	71	U	76	U	
arbazole	UG/KG	160	1%		0	1	76	380	U	72	U	71	U	76	U	
hrysene	UG/KG	1000	11%	400	2	8	76	380	U	72	U	71	U	76	U	
i-n-butylphthalate	UG/KG	63	24%	8100	0	18	76	380	UR	72	U	71	U	76	U	
i-n-octylphthalate	UG/KG	37	21%	50000	0	16	76	380	U	72	U	37	J	76	U	
ibenz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	380	U	72	U	71	U	76	U	
ibenzofuran	UG/KG	33	1%	6200	0	1	76	380	U	72	U	71	U	76	U	
iethyl phthalate	UG/KG	0	0%	7100	0	0	76	380	U	72	U	71	U	76	U	
imethylphthalate	UG/KG	0	0%	2000	0	0	76	380	U	72	U	71	U	76	U	
luoranthene	UG/KG	2400	11%	50000	0	8	76	380	U	72	U	71	U	76	U	
luorene	UG/KG	330	4%	50000	0	3	76	380	U	72	U	71	U	76	U	
exachlorobenzene	UG/KG	0	0%	410	0	0	76	380	U	72	U	71	U	76	U	
exachlorobutadiene	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
exachlorocyclopentadiene	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	UJ	
exachloroethane	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
deno(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	380	U	72	U	71	U	76	U	
ophorone	UG/KG	0	0%	4400	0	0	76	380	U	72	U	71	U	76	U	
-Nitrosodiphenylamine	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
-Nitrosodipropylamine	UG/KG	0	0%		0	0	76	380	U	72	U	71	U	76	U	
aphthalene	UG/KG	130	3%	13000	0	2	76	380	U	72	U	71	U	76	U	
itrobenzene	UG/KG	0	0%	200	0	0	76	380	U	72	U	71	U	76	U	
entachlorophenol	UG/KG	0	0%	1000	0	0	76	930	U	170	U	170	U	180	U	
henanthrene	UG/KG	1400	8%	50000	0	6	76	380	U	72	U	71	U	76	U	
henol	UG/KG	0	0%	30	0	0	76	380	U	72	U	71	U	76	U	
yrene	UG/KG	1800	9%	50000	0	7	76	380	U	72	U	71	U	76	U	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-5 SOIL 2 4 12/5/1993 SB4-5-2 SA N		RI Phase 1 Step 1 MW4-6 SOIL 2 3.5 12/19/1998 43154 SA N		RI Phase 1 Step 1 MW4-6 SOIL 6 6.5 12/19/1998 43155 SA N		RI Phase 1 Step 1 MW4-7 SOIL 0.5 1.5 12/20/1998 43159 SA N		RI Pha MW4-8 SOIL 12/19/ 4 SA N	
matics																	
Trinitrobenzene	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
nitrobenzene	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
Trinitrotoluene	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
nitrotoluene	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
nitrotoluene	UG/KG	0	0%	1000	0	0	76	130	U	120	U	120	U	120	U		
otoluene	UG/KG	0	0%		0	0	37			120	U	120	U	120	U		
no-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
otoluene	UG/KG	0	0%		0	0	37			120	U	120	U	120	U		
otoluene	UG/KG	0	0%		0	0	37			120	U	120	U	120	U		
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
enzene	UG/KG	0	0%	200	0	0	37			120	U	120	U	120	U		
	UG/KG	0	0%		0	0	76	130	U	120	U	120	U	120	U		
	UG/KG	67	1%		0	1	76	130	U	120	U	120	U	120	U		
cides/PCBs																	
DD	UG/KG	0	0%	2900	0	0	76	3.8	U	3.6	U	3.5	U	3.8	U		
DE	UG/KG	21	4%	2100	0	3	76	3.8	U	3.6	U	3.5	U	3.8	U		
DT	UG/KG	2.9	1%	2100	0	1	76	3.8	U	3.6	U	3.5	U	3.8	U		
	UG/KG	8.2	1%	41	0	1	76	2	U	1.8	U	1.8	U	2	U		
-BHC	UG/KG	0	0%	110	0	0	76	2	U	1.8	U	1.8	U	2	U		
-Chlordane	UG/KG	10	1%		0	1	76	2	U	1.8	U	1.8	U	2	U		
r-1016	UG/KG	0	0%		0	0	76	38	U	36	U	35	U	38	U		
r-1221	UG/KG	0	0%		0	0	76	77	U	73	U	72	U	78	U		
r-1232	UG/KG	0	0%		0	0	76	38	U	36	U	35	U	38	U		
r-1242	UG/KG	0	0%		0	0	76	38	U	36	U	35	U	38	U		
r-1248	UG/KG	27	1%		0	1	76	38	U	36	U	35	U	38	U		
r-1254	UG/KG	1600	5%	10000	0	4	76	38	U	36	U	35	U	38	U		
r-1260	UG/KG	0	0%	10000	0	0	76	38	U	36	U	35	U	38	U		
BHC	UG/KG	1.4	1%	200	0	1	76	2	U	1.8	U	1.8	U	2	U		
BHC	UG/KG	5.9	1%	300	0	1	76	2	U	1.8	U	1.8	U	2	U		
in	UG/KG	0	0%	44	0	0	76	3.8	U	3.6	U	3.5	U	3.8	U		
ulfan I	UG/KG	11	1%	900	0	1	76	2	U	1.8	U	1.8	U	2	U		
ulfan II	UG/KG	0	0%	900	0	0	76	3.8	U	3.6	U	3.5	U	3.8	U		
ulfan sulfate	UG/KG	0	0%	1000	0	0	76	3.8	U	3.6	U	3.5	U	3.8	U		
n	UG/KG	34	1%	100	0	1	76	3.8	U	3.6	U	3.5	U	3.8	U		
n aldehyde	UG/KG	3.7	1%		0	1	76	3.8	U	3.6	U	3.5	U	3.8	U		
n ketone	UG/KG	0	0%		0	0	76	3.8	U	3.6	U	3.5	U	3.8	U		
na-BHC/Lindane	UG/KG	0	0%	60	0	0	76	2	U	1.8	U	1.8	U	2	U		
na-Chlordane	UG/KG	0	0%	540	0	0	76	2	U	1.8	U	1.8	U	2	U		
chlor	UG/KG	0	0%	100	0	0	76	2	U	1.8	U	1.8	U	2	U		
chlor epoxide	UG/KG	0	0%	20	0	0	76	2	U	1.8	U	1.8	U	2	U		
xychlor	UG/KG	0	0%		0	0	76	20	U	18	U	18	U	20	U		
hene	UG/KG	0	0%		0	0	76	200	U	180	U	180	U	200	U		
cides																	
T	UG/KG	0	0%	1900	0	0	39	5.8	U								
TP/Silvex	UG/KG	0	0%	700	0	0	39	5.8	U								
	UG/KG	0	0%	500	0	0	39	58	U								
B	UG/KG	0	0%		0	0	39	58	U								
on	UG/KG	0	0%		0	0	39	140	U								

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	ESI MW4-5 SOIL 2 4 12/5/1993 SB4-5-2 SA N		RI Phase 1 Step 1 MW4-6 SOIL 2 3.5 12/19/1998 43154 SA N		RI Phase 1 Step 1 MW4-6 SOIL 6 6.5 12/19/1998 43155 SA N		RI Phase 1 Step 1 MW4-7 SOIL 0.5 1.5 12/20/1998 43159 SA N		RI Pha MW4- SOIL 12/19/ 4 SA N
iles	UG/KG	23	3%		0	1	39	5.8	U							
oproprop	UG/KG	0	0%		0	0	39	58	U							
eb	UG/KG	0	0%		0	0	39	29	U							
A	UG/KG	0	0%		0	0	39	5800	U							
P	UG/KG	0	0%		0	0	39	5800	U							
ls																
inum	MG/KG	21000	100%	19520	3	76	76	15700		7600		8160		12000		1
ony	MG/KG	57.8	28%	6	10	21	76	3.5	J	1	J	0.64	R	0.8	R	
ic	MG/KG	21.5	100%	8.9	4	76	76	6.9		4		3.7		5.7		
m	MG/KG	133	100%	300	0	76	76	99.8		51.9		37.7		90.6		
lium	MG/KG	1	99%	1.13	0	75	76	0.65	J	0.36	J	0.39	J	0.37	J	
nium	MG/KG	1.5	4%	2.46	0	3	76	0.3	U	0.08	U	0.08	U	0.1	U	
um	MG/KG	102000	100%	125300	0	76	76	55000		7590		29100		2730		1
mium	MG/KG	3820	80%	30	17	61	76	26.5	R	34		14.3		17.5		
lt	MG/KG	29.1	100%	30	0	76	76	9.5		11		8.9		13.8		
er	MG/KG	2250	100%	33	14	76	76	28.1	J	19		15.5		19		
ide	MG/KG	0	0%	0.35	0	0	76	0.58	U	0.64	U	0.57	U	0.58	U	
	MG/KG	40900	100%	37410	6	76	76	26700		17900		20400		25500		3
	MG/KG	251	100%	24.4	6	76	76	11.8	J	11.7		6.3		12.9	J	
esium	MG/KG	32000	100%	21700	3	76	76	11800		3430		4910		3670		
ganese	MG/KG	2100	78%	1100	5	59	76	436		881	J	329	J	1120		
ury	MG/KG	0.12	45%	0.1	1	34	76	0.04	U	0.05	UJ	0.04	UJ	0.06	J	
l	MG/KG	62.3	100%	50	8	76	76	32.4		24.7		23.8		31		
ssium	MG/KG	2490	100%	2623	0	76	76	1400		535	J	692	J	1280		
nium	MG/KG	0.86	33%	2	0	25	76	0.45	J	0.56	U	0.59	U	0.74	U	
r	MG/KG	1.2	8%	0.8	4	6	76	0.6	U	0.16	U	0.17	U	0.2	U	
um	MG/KG	134	61%	188	0	46	76	106	J	52.9	U	56	U	53.6	U	
ium	MG/KG	0	0%	0.855	0	0	76	0.22	U	0.48	U	0.51	U	0.63	U	
dium	MG/KG	31	100%	150	0	76	76	24.4		10.6		12		23.5		
	MG/KG	1010	100%	115	12	76	76	67.3		197		84.8		62.9	J	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 MW4-8 SOIL 6 6.5 12/19/1998 43152 SA N		RI Phase 1 Step 1 MW4-9 SOIL 0.6 1.6 12/20/1998 43166 SA N		ESI SB4-1 SOIL 0 2 12/6/1993 SB4-1-10 DU N		ESI SB4-1 SOIL 4 6 12/6/1993 SB4-1-2 SA N	
es																
richloroethane	UG/KG	0	0%	800	0	0	76	U	11	U	12	U	12	U	12	U
-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	11	U	12	U	12	U	12	U
richloroethane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
hloroethane	UG/KG	0	0%	200	0	0	76	U	11	U	12	U	12	U	12	U
hloroethene	UG/KG	0	0%	400	0	0	76	U	11	U	12	U	12	U	12	U
hloroethane	UG/KG	0	0%	100	0	0	76	U	11	U	12	U	12	U	12	U
hloroethene (total)	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
hloropropane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
e	UG/KG	31	9%	200	0	7	76	U	24	U	12	U	12	U	12	U
ne	UG/KG	0	0%	60	0	0	76	U	11	U	12	U	12	U	12	U
dichloromethane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
orm	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
disulfide	UG/KG	0	0%	2700	0	0	76	U	11	U	12	U	12	U	12	U
tetrachloride	UG/KG	0	0%	600	0	0	76	U	11	U	12	U	12	U	12	U
benzene	UG/KG	0	0%	1700	0	0	76	U	11	U	12	U	12	U	12	U
dibromomethane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
ethane	UG/KG	0	0%	1900	0	0	76	U	11	U	12	U	12	U	12	U
orm	UG/KG	15	8%	300	0	6	76	U	11	U	12	U	12	U	12	U
-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
enzene	UG/KG	1	1%	5500	0	1	76	U	11	U	12	U	12	U	12	U
bromide	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
butyl ketone	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
chloride	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
ethyl ketone	UG/KG	0	0%	300	0	0	76	U	11	U	12	U	12	U	12	U
isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	11	U	12	U	12	U	12	U
ene chloride	UG/KG	2	3%	100	0	2	76	U	11	U	12	U	12	U	12	U
e	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
loroethene	UG/KG	0	0%	1400	0	0	76	U	11	U	12	U	12	U	12	U
e	UG/KG	13	28%	1500	0	21	76	J	11		12	U	12	U	12	U
ylenes	UG/KG	8	4%	1200	0	3	76	U	6	J	12	U	12	U	12	U
,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	12	U
roethene	UG/KG	0	0%	700	0	0	76	U	11	U	12	U	12	U	12	U
nloride	UG/KG	0	0%	200	0	0	76	U	11	U	12	U	12	U	12	U
olatile Organics																
richlorobenzene	UG/KG	0	0%	3400	0	0	76	U	72	U	76	U	390	U	390	U
hlorobenzene	UG/KG	0	0%	7900	0	0	76	U	72	U	76	U	390	U	390	U
hlorobenzene	UG/KG	0	0%	1600	0	0	76	U	72	U	76	U	390	U	390	U
hlorobenzene	UG/KG	0	0%	8500	0	0	76	U	72	U	76	U	390	U	390	U
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	39						390	U	390	U
richlorophenol	UG/KG	0	0%	100	0	0	76	U	180	U	180	U	950	U	940	U
richlorophenol	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
hlorophenol	UG/KG	0	0%	400	0	0	76	U	72	U	76	U	390	U	390	U
ethylphenol	UG/KG	0	0%		0	0	76	U	72	U	76	UJ	390	U	390	U
itrophenol	UG/KG	0	0%	200	0	0	76	U	180	U	180	R	950	U	940	U
itrotoluene	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
itrotoluene	UG/KG	0	0%	1000	0	0	76	U	72	U	76	U	390	U	390	U
ronaphthalene	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
rophenol	UG/KG	0	0%	800	0	0	76	U	72	U	76	U	390	U	390	U
ylnaphthalene	UG/KG	260	4%	36400	0	3	76	U	72	U	76	U	390	U	390	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 MW4-8 SOIL 6 6.5 12/19/1998 43152 SA N		RI Phase 1 Step 1 MW4-9 SOIL 0.6 1.6 12/20/1998 43166 SA N		ESI SB4-1 SOIL 0 2 12/6/1993 SB4-1-10 DU N		ESI SB4-1 SOIL 4 6 12/6/1993 SB4-1-2 SA N	
[illegible]phenol	UG/KG	0	0%	100	0	0	76	U	72	U	76	U	390	U	390	U
oaniline	UG/KG	0	0%	430	0	0	76	U	180	U	180	U	950	U	940	U
ophenol	UG/KG	0	0%	330	0	0	76	U	72	U	76	U	390	U	390	U
ichlorobenzidine	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
oaniline	UG/KG	0	0%	500	0	0	76	U	180	U	180	U	950	U	940	U
initro-2-methylphenol	UG/KG	0	0%		0	0	76	U	180	U	180	UJ	950	U	940	U
mophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
oro-3-methylphenol	UG/KG	0	0%	240	0	0	76	U	72	U	76	U	390	U	390	U
oroaniline	UG/KG	0	0%	220	0	0	76	U	72	U	76	U	390	U	390	U
orophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
hylphenol	UG/KG	0	0%	900	0	0	76	U	72	U	76	U	390	U	390	U
oaniline	UG/KG	0	0%		0	0	76	U	180	U	180	U	950	U	940	U
ophenol	UG/KG	0	0%	100	0	0	76	U	180	U	180	U	950	U	940	U
aphthene	UG/KG	88	3%	50000	0	2	76	U	72	U	76	U	390	U	390	U
aphthylene	UG/KG	170	4%	41000	0	3	76	U	72	U	76	U	390	U	390	U
acene	UG/KG	340	4%	50000	0	3	76	U	72	U	76	U	390	U	390	U
o(a)anthracene	UG/KG	1100	7%	224	2	5	76	U	72	U	76	U	390	U	390	U
o(a)pyrene	UG/KG	880	8%	61	2	6	76	U	72	U	76	U	390	U	390	U
o(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	U	72	U	76	U	390	U	390	U
o(ghi)perylene	UG/KG	270	3%	50000	0	2	76	U	72	U	76	U	390	U	390	U
o(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	U	72	U	76	U	390	U	390	U
-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37	U	72	U	76	U				
-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	U	72	U	76	U	390	U	390	U
enzylphthalate	UG/KG	120	1%	50000	0	1	76	U	72	U	76	U	390	U	390	U
azole	UG/KG	160	1%		0	1	76	U	72	U	76	U	390	U	390	U
ene	UG/KG	1000	11%	400	2	8	76	U	72	U	76	U	390	U	390	U
utylphthalate	UG/KG	63	24%	8100	0	18	76	U	72	U	76	U	50	J	52	J
ctylphthalate	UG/KG	37	21%	50000	0	16	76	J	26	J	76	U	390	U	390	U
z(a,h)anthracene	UG/KG	48	1%	14	1	1	76	U	72	U	76	U	390	U	390	U
zofuran	UG/KG	33	1%	6200	0	1	76	U	72	U	76	U	390	U	390	U
l phthalate	UG/KG	0	0%	7100	0	0	76	U	72	U	76	U	390	U	390	U
hylphthalate	UG/KG	0	0%	2000	0	0	76	U	72	U	76	U	390	U	390	U
anthene	UG/KG	2400	11%	50000	0	8	76	U	72	U	76	U	390	U	390	U
ene	UG/KG	330	4%	50000	0	3	76	U	72	U	76	U	390	U	390	U
chlorobenzene	UG/KG	0	0%	410	0	0	76	U	72	U	76	U	390	U	390	U
chlorobutadiene	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	76	U	72	U	76	UJ	390	U	390	U
chloroethane	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
o(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	U	72	U	76	U	390	U	390	U
orone	UG/KG	0	0%	4400	0	0	76	U	72	U	76	U	390	U	390	U
rosodiphenylamine	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
rosodipropylamine	UG/KG	0	0%		0	0	76	U	72	U	76	U	390	U	390	U
thalene	UG/KG	130	3%	13000	0	2	76	U	72	U	76	U	390	U	390	U
enzene	UG/KG	0	0%	200	0	0	76	U	72	U	76	U	390	U	390	U
chlorophenol	UG/KG	0	0%	1000	0	0	76	U	180	U	180	U	950	U	940	U
anthrene	UG/KG	1400	8%	50000	0	6	76	U	72	U	76	U	390	U	390	U
ol	UG/KG	0	0%	30	0	0	76	U	72	U	76	U	390	U	390	U
ne	UG/KG	1800	9%	50000	0	7	76	U	72	U	76	U	390	U	390	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 MW4-8 SOIL 6 6.5 12/19/1998 43152 SA N		RI Phase 1 Step 1 MW4-9 SOIL 0.6 1.6 12/20/1998 43166 SA N		ESI SB4-1 SOIL 0 2 12/6/1993 SB4-1-10 DU N		ESI SB4-1 SOIL 4 6 12/6/1993 SB4-1-2 SA N	
matics																
Trinitrobenzene	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
itrobenzene	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
Trinitrotoluene	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
itrotoluene	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
itrotoluene	UG/KG	0	0%	1000	0	0	76	U	120	U	120	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37	U	120	U	120	U				
o-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37	U	120	U	120	U				
otoluene	UG/KG	0	0%		0	0	37	U	120	U	120	U				
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
enzene	UG/KG	0	0%	200	0	0	37	U	120	U	120	U				
	UG/KG	0	0%		0	0	76	U	120	U	120	U	130	U	130	U
	UG/KG	67	1%		0	1	76	U	120	U	120	U	130	U	130	U
cides/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	U	3.6	U	3.8	U	3.9	U	3.9	U
DE	UG/KG	21	4%	2100	0	3	76	U	3.6	U	3.8	U	3.9	U	3.9	U
DT	UG/KG	2.9	1%	2100	0	1	76	U	3.6	U	3.8	U	3.9	U	3.9	U
	UG/KG	8.2	1%	41	0	1	76	U	1.9	U	2	U	2	U	2	U
-BHC	UG/KG	0	0%	110	0	0	76	U	1.9	U	2	U	2	U	2	U
-Chlordane	UG/KG	10	1%		0	1	76	U	1.9	U	2	U	2	U	2	U
r-1016	UG/KG	0	0%		0	0	76	U	36	U	38	U	39	U	39	U
r-1221	UG/KG	0	0%		0	0	76	U	74	U	78	U	80	U	79	U
r-1232	UG/KG	0	0%		0	0	76	U	36	U	38	U	39	U	39	U
r-1242	UG/KG	0	0%		0	0	76	U	36	U	38	U	39	U	39	U
r-1248	UG/KG	27	1%		0	1	76	U	36	U	38	U	39	U	39	U
r-1254	UG/KG	1600	5%	10000	0	4	76	U	36	U	38	U	39	U	39	U
r-1260	UG/KG	0	0%	10000	0	0	76	U	36	U	38	U	39	U	39	U
BHC	UG/KG	1.4	1%	200	0	1	76	U	1.9	U	2	U	2	U	2	U
BHC	UG/KG	5.9	1%	300	0	1	76	U	1.9	U	2	U	2	U	2	U
in	UG/KG	0	0%	44	0	0	76	U	3.6	U	3.8	U	3.9	U	3.9	U
ulfan I	UG/KG	11	1%	900	0	1	76	U	1.9	U	2	U	2	U	2	U
ulfan II	UG/KG	0	0%	900	0	0	76	U	3.6	U	3.8	U	3.9	U	3.9	U
ulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	3.6	U	3.8	U	3.9	U	3.9	U
n	UG/KG	34	1%	100	0	1	76	U	3.6	U	3.8	U	3.9	U	3.9	U
n aldehyde	UG/KG	3.7	1%		0	1	76	U	3.6	U	3.8	U	3.9	U	3.9	U
n ketone	UG/KG	0	0%		0	0	76	U	3.6	U	3.8	U	3.9	U	3.9	U
na-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	1.9	U	2	U	2	U	2	U
na-Chlordane	UG/KG	0	0%	540	0	0	76	U	1.9	U	2	U	2	U	2	U
chlor	UG/KG	0	0%	100	0	0	76	U	1.9	U	2	U	2	U	2	U
chlor epoxide	UG/KG	0	0%	20	0	0	76	U	1.9	U	2	U	2	U	2	U
xychlor	UG/KG	0	0%		0	0	76	U	19	U	20	U	20	U	20	U
phene	UG/KG	0	0%		0	0	76	U	190	U	200	U	200	U	200	U
cides																
T	UG/KG	0	0%	1900	0	0	39						6	U	5.9	U
TP/Silvex	UG/KG	0	0%	700	0	0	39						6	U	5.9	U
	UG/KG	0	0%	500	0	0	39						60	U	59	U
B	UG/KG	0	0%		0	0	39						60	U	59	U
on	UG/KG	0	0%		0	0	39						150	U	150	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 MW4-8 SOIL 6 6.5 12/19/1998 43152 SA N		RI Phase 1 Step 1 MW4-9 SOIL 0.6 1.6 12/20/1998 43166 SA N		ESI SB4-1 SOIL 0 2 12/6/1993 SB4-1-10 DU N		ESI SB4-1 SOIL 4 6 12/6/1993 SB4-1-2 SA N	
ides	UG/KG	23	3%		0	1	39						6	U	5.9	U
oproprop	UG/KG	0	0%		0	0	39						60	U	59	U
eb	UG/KG	0	0%		0	0	39						30	U	30	U
A	UG/KG	0	0%		0	0	39						6000	U	5900	U
	UG/KG	0	0%		0	0	39						6000	U	5900	U
s																
num	MG/KG	21000	100%	19520	3	76	76		5340		13300		21000		15300	
ony	MG/KG	57.8	28%	6	10	21	76	R	21.3	J	1.7	J	3.8	UJ	5	UJ
ic	MG/KG	21.5	100%	8.9	4	76	76		2.6		4.5		4.2		3.9	
m	MG/KG	133	100%	300	0	76	76		44.4		68.6		97.7		40.4	J
ium	MG/KG	1	99%	1.13	0	75	76	J	0.29	J	0.54	J	0.64	J	0.74	J
nium	MG/KG	1.5	4%	2.46	0	3	76	U	0.09	U	0.11	U	0.37	U	0.49	U
um	MG/KG	102000	100%	125300	0	76	76		4020		1050	J	2460		30900	
mium	MG/KG	3820	80%	30	17	61	76		2000		21.5		27.9		27.6	
lt	MG/KG	29.1	100%	30	0	76	76		3.4	J	8.7	J	5.9	J	16.5	
er	MG/KG	2250	100%	33	14	76	76		210		22.3		15.1		68.4	
ide	MG/KG	0	0%	0.35	0	0	76	U	0.64	U	0.59	U	0.53	U	0.53	U
	MG/KG	40900	100%	37410	6	76	76		9900		30500		19500		34300	
	MG/KG	251	100%	24.4	6	76	76		14.9		13	J	9.8	J	7.5	J
esium	MG/KG	32000	100%	21700	3	76	76		1750		3400		4460		7130	
ganese	MG/KG	2100	78%	1100	5	59	76	J	148	J	309		119	JR	337	R
ury	MG/KG	0.12	45%	0.1	1	34	76	UJ	0.05	UJ	0.07	J	0.04	J	0.04	J
l	MG/KG	62.3	100%	50	8	76	76		11.6		21.1		25.1		47.6	
ssium	MG/KG	2490	100%	2623	0	76	76	J	824	J	1220		2490		1300	
nium	MG/KG	0.86	33%	2	0	25	76	U	0.84	J	0.76	U	0.23	J	0.09	U
	MG/KG	1.2	8%	0.8	4	6	76	U	0.17	U	0.21	U	0.74	U	0.98	U
um	MG/KG	134	61%	188	0	46	76	U	57.8	U	55.5	U	39.2	J	105	J
ium	MG/KG	0	0%	0.855	0	0	76	U	0.53	U	0.66	U	0.23	U	0.16	U
dium	MG/KG	31	100%	150	0	76	76		9.5		26.9		31		22.2	
	MG/KG	1010	100%	115	12	76	76		89.8		50	J	72.1		102	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-10 SOIL 2 4 12/6/1993 SB4-10-2 SA N		ESI SB4-10 SOIL 4 6 12/6/1993 SB4-10-3 SA N		RI Phase 1 Step 1 SB4-12 SOIL 4 4.6 12/16/1998 43114 SA N		RI Phase 1 Step 1 SB4-12 SOIL 6 6.4 12/16/1998 43115 SA N	
tiles																
-Trichloroethane	UG/KG	0	0%	800	0	0	76	U	11	U	11	U	12	U	11	U
,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	11	U	11	U	12	U	11	U
-Trichloroethane	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
Dichloroethane	UG/KG	0	0%	200	0	0	76	U	11	U	11	U	12	U	11	U
Dichloroethene	UG/KG	0	0%	400	0	0	76	U	11	U	11	U	12	U	11	U
Dichloroethane	UG/KG	0	0%	100	0	0	76	U	11	U	11	U	12	U	11	U
Dichloroethene (total)	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
Dichloropropane	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
ne	UG/KG	31	9%	200	0	7	76	U	11	U	11	U	12	UJ	11	UJ
ene	UG/KG	0	0%	60	0	0	76	U	11	U	11	U	12	U	11	U
odichloromethane	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
oform	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
on disulfide	UG/KG	0	0%	2700	0	0	76	U	11	U	11	U	12	U	11	U
on tetrachloride	UG/KG	0	0%	600	0	0	76	U	11	U	11	U	12	U	11	U
robenzene	UG/KG	0	0%	1700	0	0	76	U	11	U	11	U	12	U	11	U
rodibromomethane	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
roethane	UG/KG	0	0%	1900	0	0	76	U	11	U	11	U	12	U	11	U
roform	UG/KG	15	8%	300	0	6	76	U	11	U	11	U	12	U	11	U
,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
benzene	UG/KG	1	1%	5500	0	1	76	U	11	U	11	U	12	U	11	U
yl bromide	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
yl butyl ketone	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	UJ	11	UJ
yl chloride	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
yl ethyl ketone	UG/KG	0	0%	300	0	0	76	U	11	U	11	U	12	UJ	11	UJ
yl isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	11	U	11	U	12	U	11	U
ylene chloride	UG/KG	2	3%	100	0	2	76	U	11	U	11	U	12	U	11	U
ne	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
chloroethene	UG/KG	0	0%	1400	0	0	76	U	11	U	11	U	12	U	11	U
ene	UG/KG	13	28%	1500	0	21	76	U	11	U	11	U	12	U	5	J
Xylenes	UG/KG	8	4%	1200	0	3	76	U	11	U	11	U	12	U	11	U
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	11	U	12	U	11	U
loroethene	UG/KG	0	0%	700	0	0	76	U	11	U	11	U	12	U	11	U
chloride	UG/KG	0	0%	200	0	0	76	U	11	U	11	U	12	U	11	U
ivolatile Organics																
-Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	U	350	U	350	U	77	U	73	U
Dichlorobenzene	UG/KG	0	0%	7900	0	0	76	U	350	U	350	U	77	U	73	U
Dichlorobenzene	UG/KG	0	0%	1600	0	0	76	U	350	U	350	U	77	U	73	U
Dichlorobenzene	UG/KG	0	0%	8500	0	0	76	U	350	U	350	U	77	U	73	U
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	39	U	350	U	350	U				
-Trichlorophenol	UG/KG	0	0%	100	0	0	76	U	860	U	860	U	190	U	180	U
-Trichlorophenol	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
Dichlorophenol	UG/KG	0	0%	400	0	0	76	U	350	U	350	U	77	U	73	U
Dimethylphenol	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	UJ	73	UJ
Dinitrophenol	UG/KG	0	0%	200	0	0	76	U	860	U	860	U	190	UJ	180	UJ
Dinitrotoluene	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	U	350	U	350	U	77	U	73	U
loronaphthalene	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
lorophenol	UG/KG	0	0%	800	0	0	76	U	350	U	350	U	77	U	73	U
ethylnaphthalene	UG/KG	260	4%	36400	0	3	76	U	350	U	350	U	77	U	73	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-10 SOIL 2 4 12/6/1993 SB4-10-2 SA N		ESI SB4-10 SOIL 4 6 12/6/1993 SB4-10-3 SA N		RI Phase 1 Step 1 SB4-12 SOIL 4 4.6 12/16/1998 43114 SA N		RI Phase 1 Step 1 SB4-12 SOIL 6 6.4 12/16/1998 43115 SA N	
ethylphenol	UG/KG	0	0%	100	0	0	76	U	350	U	350	U	77	U	73	U
troaniline	UG/KG	0	0%	430	0	0	76	U	860	U	860	U	190	U	180	U
trophenol	UG/KG	0	0%	330	0	0	76	U	350	U	350	U	77	U	73	U
Dichlorobenzidine	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	UJ	73	UJ
troaniline	UG/KG	0	0%	500	0	0	76	U	860	U	860	U	190	UJ	180	UJ
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	76	U	860	U	860	U	190	UJ	180	UJ
romophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
hloro-3-methylphenol	UG/KG	0	0%	240	0	0	76	U	350	U	350	U	77	U	73	U
hloroaniline	UG/KG	0	0%	220	0	0	76	U	350	U	350	U	77	U	73	U
hlorophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
ethylphenol	UG/KG	0	0%	900	0	0	76	U	350	U	350	U	77	U	73	U
troaniline	UG/KG	0	0%		0	0	76	U	860	U	860	U	190	U	180	U
trophenol	UG/KG	0	0%	100	0	0	76	U	860	U	860	U	190	U	180	U
naphthene	UG/KG	88	3%	50000	0	2	76	U	350	U	350	U	77	U	73	U
naphthylene	UG/KG	170	4%	41000	0	3	76	U	350	U	350	U	77	U	73	U
nracene	UG/KG	340	4%	50000	0	3	76	U	350	U	350	U	77	U	73	U
zo(a)anthracene	UG/KG	1100	7%	224	2	5	76	U	350	U	350	U	77	U	73	U
zo(a)pyrene	UG/KG	880	8%	61	2	6	76	U	350	U	350	U	77	U	73	U
zo(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	U	350	U	350	U	77	U	73	U
zo(ghi)perylene	UG/KG	270	3%	50000	0	2	76	U	350	U	350	U	77	UJ	73	UJ
zo(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	U	350	U	350	U	77	U	73	U
2-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
2-Chloroethyl)ether	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37						77	U	73	U
2-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	U	350	U	350	U	77	U	73	U
lbenzylphthalate	UG/KG	120	1%	50000	0	1	76	U	350	U	350	U	77	U	73	U
bazole	UG/KG	160	1%		0	1	76	U	350	U	350	U	77	U	73	U
sene	UG/KG	1000	11%	400	2	8	76	U	350	U	350	U	77	U	73	U
-butylphthalate	UG/KG	63	24%	8100	0	18	76	J	41	J	63	J	77	U	73	U
-octylphthalate	UG/KG	37	21%	50000	0	16	76	U	350	U	350	U	11	J	17	J
enz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	U	350	U	350	U	77	U	73	U
nzofuran	UG/KG	33	1%	6200	0	1	76	U	350	U	350	U	77	U	73	U
hyl phthalate	UG/KG	0	0%	7100	0	0	76	U	350	U	350	U	77	U	73	U
ethylphthalate	UG/KG	0	0%	2000	0	0	76	U	350	U	350	U	77	U	73	U
ranthene	UG/KG	2400	11%	50000	0	8	76	U	350	U	350	U	77	U	73	U
rene	UG/KG	330	4%	50000	0	3	76	U	350	U	350	U	77	U	73	U
achlorobenzene	UG/KG	0	0%	410	0	0	76	U	350	U	350	U	77	U	73	U
achlorobutadiene	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
achlorocyclopentadiene	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	UJ	73	UJ
achloroethane	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
no(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	U	350	U	350	U	77	U	73	U
horone	UG/KG	0	0%	4400	0	0	76	U	350	U	350	U	77	U	73	U
trosodiphenylamine	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
trosodipropylamine	UG/KG	0	0%		0	0	76	U	350	U	350	U	77	U	73	U
hthalene	UG/KG	130	3%	13000	0	2	76	U	350	U	350	U	77	U	73	U
benzene	UG/KG	0	0%	200	0	0	76	U	350	U	350	U	77	U	73	U
tachlorophenol	UG/KG	0	0%	1000	0	0	76	U	860	U	860	U	190	U	180	U
nanthrene	UG/KG	1400	8%	50000	0	6	76	U	350	U	350	U	77	U	73	U
nol	UG/KG	0	0%	30	0	0	76	U	350	U	350	U	77	U	73	U
ne	UG/KG	1800	9%	50000	0	7	76	U	350	U	350	U	77	U	73	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-10 SOIL 2 4 12/6/1993 SB4-10-2 SA N		ESI SB4-10 SOIL 4 6 12/6/1993 SB4-10-3 SA N		RI Phase 1 Step 1 SB4-12 SOIL 4 4.6 12/16/1998 43114 SA N		RI Phase 1 Step 1 SB4-12 SOIL 6 6.4 12/16/1998 43115 SA N	
matics																
rinitrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
itrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
rinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
itrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
itrotoluene	UG/KG	0	0%	1000	0	0	76	U	130	U	130	U	120	U	120	U
toluene	UG/KG	0	0%		0	0	37						120	U	120	U
o-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
toluene	UG/KG	0	0%		0	0	37						120	U	120	U
toluene	UG/KG	0	0%		0	0	37						120	U	120	U
o-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
nzene	UG/KG	0	0%	200	0	0	37						120	U	120	U
	UG/KG	0	0%		0	0	76	U	130	U	130	U	120	U	120	U
	UG/KG	67	1%		0	1	76	U	130	U	130	U	120	U	120	U
des/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	U	3.5	U	3.5	U	3.8	U	3.7	U
DE	UG/KG	21	4%	2100	0	3	76	U	3.5	U	3.5	U	3.8	U	3.7	U
DT	UG/KG	2.9	1%	2100	0	1	76	U	3.5	U	3.5	U	3.8	U	3.7	U
	UG/KG	8.2	1%	41	0	1	76	U	1.8	U	1.8	U	2	U	1.9	U
BHC	UG/KG	0	0%	110	0	0	76	U	1.8	U	1.8	U	2	U	1.9	U
Chlordane	UG/KG	10	1%		0	1	76	U	1.8	U	1.8	U	2	U	1.9	U
-1016	UG/KG	0	0%		0	0	76	U	35	U	35	U	38	U	37	U
-1221	UG/KG	0	0%		0	0	76	U	72	U	72	U	78	U	74	U
-1232	UG/KG	0	0%		0	0	76	U	35	U	35	U	38	U	37	U
-1242	UG/KG	0	0%		0	0	76	U	35	U	35	U	38	U	37	U
-1248	UG/KG	27	1%		0	1	76	U	35	U	35	U	38	U	37	U
-1254	UG/KG	1600	5%	10000	0	4	76	U	35	U	35	U	38	U	37	U
-1260	UG/KG	0	0%	10000	0	0	76	U	35	U	35	U	38	U	37	U
HC	UG/KG	1.4	1%	200	0	1	76	U	1.8	U	1.8	U	2	U	1.4	J
BHC	UG/KG	5.9	1%	300	0	1	76	U	1.8	U	1.8	U	2	U	1.9	U
n	UG/KG	0	0%	44	0	0	76	U	3.5	U	3.5	U	3.8	U	3.7	U
ulfan I	UG/KG	11	1%	900	0	1	76	U	1.8	U	1.8	U	2	U	1.9	U
ulfan II	UG/KG	0	0%	900	0	0	76	U	3.5	U	3.5	U	3.8	U	3.7	U
ulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	3.5	U	3.5	U	3.8	U	3.7	U
	UG/KG	34	1%	100	0	1	76	U	3.5	U	3.5	U	3.8	U	3.7	U
aldehyde	UG/KG	3.7	1%		0	1	76	U	3.5	U	3.5	U	3.8	U	3.7	U
ketone	UG/KG	0	0%		0	0	76	U	3.5	U	3.5	U	3.8	U	3.7	U
a-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	1.8	U	1.8	U	2	U	1.9	U
a-Chlordane	UG/KG	0	0%	540	0	0	76	U	1.8	U	1.8	U	2	U	1.9	U
hlor	UG/KG	0	0%	100	0	0	76	U	1.8	U	1.8	U	2	U	1.9	U
hlor epoxide	UG/KG	0	0%	20	0	0	76	U	1.8	U	1.8	U	2	U	1.9	U
ychlor	UG/KG	0	0%		0	0	76	U	18	U	18	U	20	U	19	U
nene	UG/KG	0	0%		0	0	76	U	180	U	180	U	200	U	190	U
ides																
	UG/KG	0	0%	1900	0	0	39	U	5.3	U	5.4	U				
P/Silvex	UG/KG	0	0%	700	0	0	39	U	5.3	U	5.4	U				
	UG/KG	0	0%	500	0	0	39	U	53	U	54	U				
	UG/KG	0	0%		0	0	39	U	53	U	54	U				
n	UG/KG	0	0%		0	0	39	U	130	U	130	U				

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-10 SOIL 2 4 12/6/1993 SB4-10-2 SA N		ESI SB4-10 SOIL 4 6 12/6/1993 SB4-10-3 SA N		RI Phase 1 Step 1 SB4-12 SOIL 4 4.6 12/16/1998 43114 SA N		RI Phase 1 Step 1 SB4-12 SOIL 6 6.4 12/16/1998 43115 SA N	
les	UG/KG	23	3%		0	1	39	U	5.3	U	5.4	U				
roprop	UG/KG	0	0%		0	0	39	U	53	U	54	U				
eb	UG/KG	0	0%		0	0	39	U	27	U	27	U				
	UG/KG	0	0%		0	0	39	U	5300	U	5400	U				
	UG/KG	0	0%		0	0	39	U	5300	U	5400	U				
s																
num	MG/KG	21000	100%	19520	3	76	76		17000		17200		13800		10200	
ony	MG/KG	57.8	28%	6	10	21	76	UJ	43.8	J	40.9	J	0.57	UJ	0.55	UJ
ic	MG/KG	21.5	100%	8.9	4	76	76		5.8		6.4		6.5		2.8	
n	MG/KG	133	100%	300	0	76	76		58.4		54.3		67.7		35.8	
um	MG/KG	1	99%	1.13	0	75	76	J	0.87	J	0.83		0.34	J	0.31	J
ium	MG/KG	1.5	4%	2.46	0	3	76	U	0.37	U	0.34	U	0.04	U	0.04	U
m	MG/KG	102000	100%	125300	0	76	76		6540		2140		1890		4580	
nium	MG/KG	3820	80%	30	17	61	76		2560		2470		25.3		27.3	
t	MG/KG	29.1	100%	30	0	76	76		18.7		14.7		17.8		11	
er	MG/KG	2250	100%	33	14	76	76		1790		2030		25.8		9.8	
de	MG/KG	0	0%	0.35	0	0	76	U	0.45	U	0.52	U	0.59	U	0.59	U
	MG/KG	40900	100%	37410	6	76	76		37200		35100		31800		23200	
	MG/KG	251	100%	24.4	6	76	76	J	9	J	5.2	J	14.7		6.2	
esium	MG/KG	32000	100%	21700	3	76	76		7870		7530		5370		4760	
anese	MG/KG	2100	78%	1100	5	59	76	R	299	R	267	R	1150	J	519	J
ury	MG/KG	0.12	45%	0.1	1	34	76	J	0.03	J	0.02	J	0.05	UJ	0.06	UJ
l	MG/KG	62.3	100%	50	8	76	76		56		49.8		38.1		28	
sium	MG/KG	2490	100%	2623	0	76	76		1090		1320		1460		958	
ium	MG/KG	0.86	33%	2	0	25	76	J	0.31	J	0.21	J	0.39	J	0.4	J
	MG/KG	1.2	8%	0.8	4	6	76	U	0.73	U	0.91	J	0.18	U	0.18	U
m	MG/KG	134	61%	188	0	46	76	U	55.7	J	57.6	J	48.3	U	46.7	U
um	MG/KG	0	0%	0.855	0	0	76	U	0.14	U	0.24	U	6.6	UJ	6.4	UJ
dium	MG/KG	31	100%	150	0	76	76		24.6		25.1		23.4		14.3	
	MG/KG	1010	100%	115	12	76	76		576		448		91.5		49.1	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 SB4-14 SOIL 2 3 12/16/1998 43112 SA N		RI Phase 1 Step 1 SB4-15 SOIL 4 6 12/17/1998 43148 SA N		RI Phase 1 Step 1 SB4-16 SOIL 2 3 12/21/1998 43124 SA N		RI Phase 1 Step 1 SB4-17 SOIL 2 3.2 12/16/1998 43121 SA N		RI Ph SB4- SOIL 12/1 SA N	
les																	
Trichloroethane	UG/KG	0	0%	800	0	0	76	11	U	11	U	11	U	11	U		
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	11	U		
Trichloroethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
chloroethane	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	11	U		
chloroethene	UG/KG	0	0%	400	0	0	76	11	U	11	U	11	U	11	U		
chloroethane	UG/KG	0	0%	100	0	0	76	11	U	11	U	11	U	11	U		
chloroethene (total)	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
chloropropane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
ne	UG/KG	31	9%	200	0	7	76	11	U	11	U	6	J	11	UJ		
ene	UG/KG	0	0%	60	0	0	76	11	U	11	U	11	U	11	U		
odichloromethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
oform	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
n disulfide	UG/KG	0	0%	2700	0	0	76	11	U	11	U	11	U	11	U		
n tetrachloride	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	11	U		
obenzene	UG/KG	0	0%	1700	0	0	76	11	U	11	U	11	U	11	U		
odibromomethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
oethane	UG/KG	0	0%	1900	0	0	76	11	U	11	U	11	U	11	U		
oform	UG/KG	15	8%	300	0	6	76	11	U	11	U	11	U	11	U		
3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
benzene	UG/KG	1	1%	5500	0	1	76	1	J	11	U	11	U	11	U		
l bromide	UG/KG	0	0%		0	0	76	11	UJ	11	U	11	U	11	UJ		
l butyl ketone	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	UJ		
l chloride	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
l ethyl ketone	UG/KG	0	0%	300	0	0	76	11	U	11	U	11	U	11	UJ		
l isobutyl ketone	UG/KG	0	0%	1000	0	0	76	11	U	11	U	11	U	11	U		
lene chloride	UG/KG	2	3%	100	0	2	76	11	U	11	U	11	U	11	U		
ne	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
chloroethene	UG/KG	0	0%	1400	0	0	76	11	U	11	U	11	U	11	U		
ne	UG/KG	13	28%	1500	0	21	76	5	J	2	J	2	J	2	J		
Xylenes	UG/KG	8	4%	1200	0	3	76	8	J	11	U	11	U	11	U		
-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	11	U		
oroethene	UG/KG	0	0%	700	0	0	76	11	U	11	U	11	U	11	U		
chloride	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	11	U		
volatile Organics																	
Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	71	U	75	U	72	U	72	U		
chlorobenzene	UG/KG	0	0%	7900	0	0	76	71	U	75	U	72	U	72	U		
chlorobenzene	UG/KG	0	0%	1600	0	0	76	71	U	75	U	72	U	72	U		
chlorobenzene	UG/KG	0	0%	8500	0	0	76	71	U	75	U	72	U	72	U		
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	39										
Trichlorophenol	UG/KG	0	0%	100	0	0	76	170	U	180	U	170	U	170	U		
Trichlorophenol	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U		
chlorophenol	UG/KG	0	0%	400	0	0	76	71	U	75	U	72	U	72	U		
methylphenol	UG/KG	0	0%		0	0	76	71	UJ	75	UJ	72	UJ	72	UJ		
initrophenol	UG/KG	0	0%	200	0	0	76	170	UJ	180	U	170	UJ	170	UJ		
initrotoluene	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U		
initrotoluene	UG/KG	0	0%	1000	0	0	76	71	U	75	U	72	U	72	U		
pronaphthalene	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U		
prophenol	UG/KG	0	0%	800	0	0	76	71	U	75	U	72	U	72	U		
hylnaphthalene	UG/KG	260	4%	36400	0	3	76	20	J	75	U	72	U	72	U		

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								RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Ph
								SB4-14		SB4-15		SB4-16		SB4-17		SB4-
								SOIL		SOIL		SOIL		SOIL		SOIL
								2		4		2		2		
								3		6		3		3.2		
			FREQUENCY		NUMBER	NUMBER	NUMBER	12/16/1998		12/17/1998		12/21/1998		12/16/1998		12/1
	UNIT	MAXIMUM	OF DETECTION	TAGM	ABOVE TAGM	OF DETECTS	OF ANALYSES	43112		43148		43124		43121		
								SA		SA		SA		SA		SA
								N		N		N		N		N
...phenol	UG/KG	0	0%	100	0	0	76	71	U	75	U	72	U	72	U	
oaniline	UG/KG	0	0%	430	0	0	76	170	U	180	U	170	U	170	U	
ophenol	UG/KG	0	0%	330	0	0	76	71	U	75	U	72	U	72	U	
Dichlorobenzidine	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
oaniline	UG/KG	0	0%	500	0	0	76	170	U	180	U	170	U	170	UJ	
initro-2-methylphenol	UG/KG	0	0%		0	0	76	170	U	180	U	170	U	170	U	
mophenyl phenyl ether	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
oro-3-methylphenol	UG/KG	0	0%	240	0	0	76	71	U	75	U	72	U	72	U	
oroaniline	UG/KG	0	0%	220	0	0	76	71	U	75	U	72	U	72	U	
orophenyl phenyl ether	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
thylphenol	UG/KG	0	0%	900	0	0	76	71	U	75	U	72	U	72	U	
oaniline	UG/KG	0	0%		0	0	76	170	U	180	U	170	U	170	U	
ophenol	UG/KG	0	0%	100	0	0	76	170	U	180	U	170	U	170	U	
aphthene	UG/KG	88	3%	50000	0	2	76	71	U	75	U	72	U	72	U	
aphthylene	UG/KG	170	4%	41000	0	3	76	71	U	75	U	72	U	72	U	
acene	UG/KG	340	4%	50000	0	3	76	71	U	75	U	72	U	72	U	
o(a)anthracene	UG/KG	1100	7%	224	2	5	76	71	U	75	U	72	U	72	U	
o(a)pyrene	UG/KG	880	8%	61	2	6	76	71	UJ	75	U	72	U	72	U	
o(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	71	UJ	75	U	72	U	6.4	J	
o(ghi)perylene	UG/KG	270	3%	50000	0	2	76	71	UJ	75	U	72	U	72	U	
o(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	71	UJ	75	U	72	U	72	R	
-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
-Chloroethyl)ether	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37	71	U	75	U	72	U	72	U	
-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	370		22	J	72	U	72	U	
benzylphthalate	UG/KG	120	1%	50000	0	1	76	120		75	U	72	U	72	U	
azole	UG/KG	160	1%		0	1	76	71	U	75	U	72	U	72	U	
sene	UG/KG	1000	11%	400	2	8	76	4.7	J	75	U	72	U	6.3	J	
butylphthalate	UG/KG	63	24%	8100	0	18	76	71	U	75	U	72	U	72	U	
octylphthalate	UG/KG	37	21%	50000	0	16	76	19	J	7.3	J	72	U	29	J	
nz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	71	UJ	75	U	72	U	72	U	
nzofuran	UG/KG	33	1%	6200	0	1	76	71	U	75	U	72	U	72	U	
yl phthalate	UG/KG	0	0%	7100	0	0	76	71	U	75	U	72	U	72	U	
thylphthalate	UG/KG	0	0%	2000	0	0	76	71	U	75	U	72	U	72	U	
anthene	UG/KG	2400	11%	50000	0	8	76	71	U	75	U	72	U	72	U	
ene	UG/KG	330	4%	50000	0	3	76	71	U	75	U	72	U	72	U	
chlorobenzene	UG/KG	0	0%	410	0	0	76	71	U	75	U	72	U	72	U	
chlorobutadiene	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
chlorocyclopentadiene	UG/KG	0	0%		0	0	76	71	U	75	UJ	72	U	72	UJ	
chloroethane	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
o(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	71	U	75	U	72	U	72	U	
orone	UG/KG	0	0%	4400	0	0	76	71	U	75	U	72	U	72	U	
rosodiphenylamine	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
rosodipropylamine	UG/KG	0	0%		0	0	76	71	U	75	U	72	U	72	U	
thalene	UG/KG	130	3%	13000	0	2	76	69	J	75	U	72	U	72	U	
benzene	UG/KG	0	0%	200	0	0	76	71	U	75	U	72	U	72	U	
achlorophenol	UG/KG	0	0%	1000	0	0	76	170	U	180	U	170	U	170	U	
anthrene	UG/KG	1400	8%	50000	0	6	76	4.8	J	75	U	72	U	72	U	
ol	UG/KG	0	0%	30	0	0	76	71	U	75	U	72	U	72	U	
ne	UG/KG	1800	9%	50000	0	7	76	71	U	75	U	72	U	72	U	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 SB4-14 SOIL 2 3 12/16/1998 43112 SA N		RI Phase 1 Step 1 SB4-15 SOIL 4 6 12/17/1998 43148 SA N		RI Phase 1 Step 1 SB4-16 SOIL 2 3 12/21/1998 43124 SA N		RI Phase 1 Step 1 SB4-17 SOIL 2 3.2 12/16/1998 43121 SA N		RI Ph SB4- SOIL 12/1 SA N
Aromatics																
Trinitrobenzene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
initrobenzene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
Trinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
initrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
initrotoluene	UG/KG	0	0%	1000	0	0	76	120	U	120	U	120	U	120	U	
otoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	U	
no-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
otoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	U	
otoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	U	
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
enzene	UG/KG	0	0%	200	0	0	37	120	U	120	U	120	U	120	U	
	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	U	
	UG/KG	67	1%		0	1	76	120	U	120	U	120	U	120	U	
cides/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	3.5	U	3.8	U	3.6	U	3.6	U	
DE	UG/KG	21	4%	2100	0	3	76	3.5	U	3.8	U	3.6	U	3.6	U	
DT	UG/KG	2.9	1%	2100	0	1	76	3.5	U	3.8	U	3.6	U	3.6	U	
	UG/KG	8.2	1%	41	0	1	76	1.8	U	1.9	U	1.8	U	1.8	U	
-BHC	UG/KG	0	0%	110	0	0	76	1.8	U	1.9	U	1.8	U	1.8	U	
-Chlordane	UG/KG	10	1%		0	1	76	1.8	U	1.9	U	1.8	U	1.8	U	
or-1016	UG/KG	0	0%		0	0	76	35	U	38	U	36	U	36	U	
or-1221	UG/KG	0	0%		0	0	76	72	U	76	U	73	U	73	U	
or-1232	UG/KG	0	0%		0	0	76	35	U	38	U	36	U	36	U	
or-1242	UG/KG	0	0%		0	0	76	35	U	38	U	36	U	36	U	
or-1248	UG/KG	27	1%		0	1	76	35	U	38	U	36	U	36	U	
or-1254	UG/KG	1600	5%	10000	0	4	76	35	U	38	U	36	U	36	U	
or-1260	UG/KG	0	0%	10000	0	0	76	35	U	38	U	36	U	36	U	
BHC	UG/KG	1.4	1%	200	0	1	76	1.8	U	1.9	U	1.8	U	1.8	U	
-BHC	UG/KG	5.9	1%	300	0	1	76	1.8	U	1.9	U	1.8	U	1.8	U	
in	UG/KG	0	0%	44	0	0	76	3.5	U	3.8	U	3.6	U	3.6	U	
sulfan I	UG/KG	11	1%	900	0	1	76	1.8	U	1.9	U	1.8	U	1.8	U	
sulfan II	UG/KG	0	0%	900	0	0	76	3.5	U	3.8	U	3.6	U	3.6	U	
sulfan sulfate	UG/KG	0	0%	1000	0	0	76	3.5	U	3.8	U	3.6	U	3.6	U	
n	UG/KG	34	1%	100	0	1	76	3.5	U	3.8	U	3.6	U	3.6	U	
n aldehyde	UG/KG	3.7	1%		0	1	76	3.5	U	3.8	U	3.6	U	3.6	U	
n ketone	UG/KG	0	0%		0	0	76	3.5	U	3.8	U	3.6	U	3.6	U	
ma-BHC/Lindane	UG/KG	0	0%	60	0	0	76	1.8	U	1.9	U	1.8	U	1.8	U	
ma-Chlordane	UG/KG	0	0%	540	0	0	76	1.8	U	1.9	U	1.8	U	1.8	U	
achlor	UG/KG	0	0%	100	0	0	76	1.8	U	1.9	U	1.8	U	1.8	U	
achlor epoxide	UG/KG	0	0%	20	0	0	76	1.8	U	1.9	U	1.8	U	1.8	U	
oxychlor	UG/KG	0	0%		0	0	76	18	U	19	U	18	U	18	U	
ophene	UG/KG	0	0%		0	0	76	180	U	190	U	180	U	180	U	
icides																
-T	UG/KG	0	0%	1900	0	0	39									
-TP/Silvex	UG/KG	0	0%	700	0	0	39									
	UG/KG	0	0%	500	0	0	39									
B	UG/KG	0	0%		0	0	39									
oon	UG/KG	0	0%		0	0	39									

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 SB4-14 SOIL 2-3 12/16/1998 43112 SA N	RI Phase 1 Step 1 SB4-15 SOIL 4-6 12/17/1998 43148 SA N	RI Phase 1 Step 1 SB4-16 SOIL 2-3 12/21/1998 43124 SA N	RI Phase 1 Step 1 SB4-17 SOIL 2-3.2 12/16/1998 43121 SA N	RI Ph SB4- SOIL 12/1 SA N
Pesticides												
Endosulfan II	UG/KG	23	3%		0	1	39					
Endosulfan sulfate	UG/KG	0	0%		0	0	39					
Endrin	UG/KG	0	0%		0	0	39					
Endrin aldehyde	UG/KG	0	0%		0	0	39					
Endrin ketone	UG/KG	0	0%		0	0	39					
Metals												
Aluminum	MG/KG	21000	108%	19520	3	76	76	19400	11400	11600	15300	
Antimony	MG/KG	57.8	28%	6	10	21	76	0.66 UJ	0.67 R	0.72 R	0.55 UJ	
Arsenic	MG/KG	21.5	100%	8.9	4	76	76	7.8	4.1	4	7.3	
Barium	MG/KG	133	100%	300	0	76	76	67.8	39.6	55	54.1	
Beryllium	MG/KG	1	99%	1.13	0	75	76	0.94 J	0.61 J	0.45 J	0.66 J	
Cadmium	MG/KG	1.5	4%	2.46	0	3	76	0.04 U	0.09 U	0.09 U	0.04 U	
Calcium	MG/KG	102000	100%	125300	0	76	76	2860	1720	61900	22300	
Chromium	MG/KG	3820	80%	30	17	61	76	74.4	20	20.5	27.5	
Cobalt	MG/KG	29.1	100%	30	0	76	76	20.1	11.7	11.7	16.9	
Copper	MG/KG	2250	100%	33	14	76	76	22.7	12.6	23.2	27	
Cyanide	MG/KG	0	0%	0.35	0	0	76	0.55 U	0.58 U	0.59 U	0.58 U	
Iron	MG/KG	40900	100%	37410	6	76	76	40900	23900	26100	35200	
Lead	MG/KG	251	100%	24.4	6	76	76	251	4.7	12.9 J	18.1	
Magnesium	MG/KG	32000	100%	21700	3	76	76	8390	5040	11600	7200	
Manganese	MG/KG	2100	78%	1100	5	59	76	337 J	241 J	450	432 J	
Mercury	MG/KG	0.12	45%	0.1	1	34	76	0.05 UJ	0.05 UJ	0.05 U	0.05 UJ	
Nickel	MG/KG	62.3	100%	50	8	76	76	59.2	36	31.6	47.2	
Potassium	MG/KG	2490	100%	2623	0	76	76	1620	1050	1270	1490	
Selenium	MG/KG	0.86	33%	2	0	25	76	0.43 U	0.62 U	0.66 U	0.35 U	
Silver	MG/KG	1.2	8%	0.8	4	6	76	0.21 U	0.17 U	0.18 U	0.18 U	
Sodium	MG/KG	134	61%	188	0	46	76	56 U	58.4 U	50.5 J	81.7 J	
Thallium	MG/KG	0	0%	0.855	0	0	76	0.77 UJ	0.53 U	0.57 U	0.64 UJ	
Vanadium	MG/KG	31	100%	150	0	76	76	27.5	15.4	17.9	22.1	
Zinc	MG/KG	1010	100%	115	12	76	76	149	68.5	71.7 J	113	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 SB4-18 SOIL 4 5.8 12/15/1998 43082 SA N		RI Phase 1 Step 1 SB4-19 SOIL 2 3.2 12/15/1998 43084 SA N		RI Phase 1 Step 1 SB4-19 SOIL 4 5.2 12/15/1998 43085 SA N		RI Phase 1 Step 1 SB4-20 SOIL 2 3.5 12/18/1998 43136 SA N	
les																
Trichloroethane	UG/KG	0	0%	800	0	0	76	U	12	U	11	U	11	U	12	U
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	12	U	11	U	11	U	12	U
Trichloroethane	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
chloroethane	UG/KG	0	0%	200	0	0	76	U	12	U	11	U	11	U	12	U
chloroethane	UG/KG	0	0%	400	0	0	76	U	12	U	11	U	11	U	12	U
chloroethane	UG/KG	0	0%	100	0	0	76	U	12	U	11	U	11	U	12	U
chloroethene (total)	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
chloropropane	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
ne	UG/KG	31	9%	200	0	7	76	J	10	J	11	U	11	U	12	UJ
ne	UG/KG	0	0%	60	0	0	76	U	12	U	11	U	11	U	12	U
odichloromethane	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
oform	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
n disulfide	UG/KG	0	0%	2700	0	0	76	U	12	U	11	U	11	U	12	U
n tetrachloride	UG/KG	0	0%	600	0	0	76	U	12	U	11	U	11	U	12	U
obenzene	UG/KG	0	0%	1700	0	0	76	U	12	U	11	U	11	U	12	U
odibromomethane	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
oethane	UG/KG	0	0%	1900	0	0	76	U	12	U	11	UJ	11	UJ	12	U
oform	UG/KG	15	8%	300	0	6	76	U	12	U	11	U	11	U	12	U
3-Dichloropropene	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
benzene	UG/KG	1	1%	5500	0	1	76	U	12	U	11	U	11	U	12	U
l bromide	UG/KG	0	0%		0	0	76	UJ	12	UJ	11	U	11	U	12	U
l butyl ketone	UG/KG	0	0%		0	0	76	UJ	12	UJ	11	U	11	U	12	UJ
l chloride	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
l ethyl ketone	UG/KG	0	0%	300	0	0	76	UJ	12	UJ	11	UJ	11	UJ	12	UJ
i isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	12	U	11	U	11	U	12	U
lene chloride	UG/KG	2	3%	100	0	2	76	U	12	U	11	U	11	U	12	U
e	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
chloroethene	UG/KG	0	0%	1400	0	0	76	U	12	U	11	U	11	U	12	U
ne	UG/KG	13	28%	1500	0	21	76	U	12	U	11	U	11	U	1	J
Xylenes	UG/KG	8	4%	1200	0	3	76	U	12	U	11	U	11	U	12	U
-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	12	U	11	U	11	U	12	U
proethene	UG/KG	0	0%	700	0	0	76	U	12	U	11	U	11	U	12	U
chloride	UG/KG	0	0%	200	0	0	76	U	12	U	11	U	11	U	12	U
volatile Organics																
Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	U	74	U	72	U	73	U	72	U
chlorobenzene	UG/KG	0	0%	7900	0	0	76	U	74	U	72	U	73	U	72	U
chlorobenzene	UG/KG	0	0%	1600	0	0	76	U	74	U	72	U	73	U	72	U
chlorobenzene	UG/KG	0	0%	8500	0	0	76	U	74	U	72	U	73	U	72	U
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	39									
Trichlorophenol	UG/KG	0	0%	100	0	0	76	U	180	U	180	U	180	U	170	U
Trichlorophenol	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
chlorophenol	UG/KG	0	0%	400	0	0	76	U	74	U	72	U	73	U	72	U
methylphenol	UG/KG	0	0%		0	0	76	UJ	74	UJ	72	UJ	73	UJ	72	UJ
nitrophenol	UG/KG	0	0%	200	0	0	76	R	180	R	180	R	180	R	170	UJ
nitrotoluene	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
nitrotoluene	UG/KG	0	0%	1000	0	0	76	U	74	U	72	U	73	U	72	U
pronaphthalene	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
prophenol	UG/KG	0	0%	800	0	0	76	U	74	U	72	U	73	U	72	U
hylnaphthalene	UG/KG	260	4%	36400	0	3	76	U	74	U	72	U	73	U	72	U

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								Step 1	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step
									SB4-18		SB4-19		SB4-19		SB4-20	
									SOIL		SOIL		SOIL		SOIL	
									4		2		4		2	
									5.8		3.2		5.2		3.5	
			FREQUENCY OF		NUMBER ABOVE	NUMBER OF	NUMBER OF		12/15/1998		12/15/1998		12/15/1998		12/18/1998	
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES		43082		43084		43085		43136	
									SA		SA		SA		SA	
									N		N		N		N	
...ophenol	UG/KG	0	0%	100	0	0	76	U	74	U	72	U	73	U	72	U
roaniline	UG/KG	0	0%	430	0	0	76	U	180	U	180	U	180	U	170	U
rophenol	UG/KG	0	0%	330	0	0	76	U	74	U	72	U	73	U	72	U
Dichlorobenzidine	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	UJ
roaniline	UG/KG	0	0%	500	0	0	76	U	180	U	180	U	180	U	170	UJ
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	76	UJ	180	UJ	180	UJ	180	UJ	170	UJ
omophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
loro-3-methylphenol	UG/KG	0	0%	240	0	0	76	U	74	U	72	U	73	U	72	U
loroaniline	UG/KG	0	0%	220	0	0	76	U	74	U	72	U	73	U	72	U
lorophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
thylphenol	UG/KG	0	0%	900	0	0	76	U	74	U	72	U	73	U	72	U
roaniline	UG/KG	0	0%		0	0	76	U	180	U	180	U	180	U	170	U
rophenol	UG/KG	0	0%	100	0	0	76	U	180	U	180	U	180	U	170	U
aphthene	UG/KG	88	3%	50000	0	2	76	U	74	U	72	U	73	U	72	U
aphthylene	UG/KG	170	4%	41000	0	3	76	U	74	U	72	U	73	U	72	U
racene	UG/KG	340	4%	50000	0	3	76	U	74	U	72	U	73	U	72	U
zo(a)anthracene	UG/KG	1100	7%	224	2	5	76	U	74	U	72	U	73	U	72	U
zo(a)pyrene	UG/KG	880	8%	61	2	6	76	U	74	U	72	U	73	U	72	U
zo(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	U	74	U	72	U	73	U	72	U
zo(ghi)perylene	UG/KG	270	3%	50000	0	2	76	U	74	U	72	U	73	U	72	UJ
zo(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	U	74	U	72	U	73	U	72	U
-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37	U	74	U	72	U	73	U	72	U
-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	U	74	U	72	U	73	U	72	U
lbenzylphthalate	UG/KG	120	1%	50000	0	1	76	U	74	U	72	U	73	U	72	U
azole	UG/KG	160	1%		0	1	76	U	74	U	72	U	73	U	72	U
sene	UG/KG	1000	11%	400	2	8	76	U	74	U	72	U	73	U	72	U
butylphthalate	UG/KG	63	24%	8100	0	18	76	U	74	U	72	U	73	U	72	U
octylphthalate	UG/KG	37	21%	50000	0	16	76	U	74	U	72	U	73	U	72	U
nz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	U	74	U	72	U	73	U	72	U
nzofuran	UG/KG	33	1%	6200	0	1	76	U	74	U	72	U	73	U	72	U
yl phthalate	UG/KG	0	0%	7100	0	0	76	U	74	U	72	U	73	U	72	U
thylphthalate	UG/KG	0	0%	2000	0	0	76	U	74	U	72	U	73	U	72	U
ranthene	UG/KG	2400	11%	50000	0	8	76	U	74	U	72	U	73	U	72	U
rene	UG/KG	330	4%	50000	0	3	76	U	74	U	72	U	73	U	72	U
achlorobenzene	UG/KG	0	0%	410	0	0	76	U	74	U	72	U	73	U	72	U
achlorobutadiene	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
achlorocyclopentadiene	UG/KG	0	0%		0	0	76	UJ	74	UJ	72	UJ	73	UJ	72	UJ
achloroethane	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
no(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	U	74	U	72	U	73	U	72	U
horone	UG/KG	0	0%	4400	0	0	76	U	74	U	72	U	73	U	72	U
trosodiphenylamine	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
trosodipropylamine	UG/KG	0	0%		0	0	76	U	74	U	72	U	73	U	72	U
thalene	UG/KG	130	3%	13000	0	2	76	U	74	U	72	U	73	U	72	U
benzene	UG/KG	0	0%	200	0	0	76	U	74	U	72	U	73	U	72	U
achlorophenol	UG/KG	0	0%	1000	0	0	76	U	180	U	180	U	180	U	170	U
nanthrene	UG/KG	1400	8%	50000	0	6	76	U	74	U	72	U	73	U	72	U
ol	UG/KG	0	0%	30	0	0	76	U	74	U	72	U	73	U	72	U
ne	UG/KG	1800	9%	50000	0	7	76	U	74	U	72	U	73	U	72	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 SB4-18 SOIL 4 5.8 12/15/1998 43082 SA N		RI Phase 1 Step 1 SB4-19 SOIL 2 3.2 12/15/1998 43084 SA N		RI Phase 1 Step 1 SB4-19 SOIL 4 5.2 12/15/1998 43085 SA N		RI Phase 1 Step 1 SB4-20 SOIL 2 3.5 12/18/1998 43136 SA N	
matics																
Trinitrobenzene	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
nitrobenzene	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
Trinitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
nitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
nitrotoluene	UG/KG	0	0%	1000	0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
toluene	UG/KG	0	0%		0	0	37	U	120	UJ	120	UJ	120	U	120	UJ
no-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
toluene	UG/KG	0	0%		0	0	37	U	120	UJ	120	UJ	120	U	120	UJ
toluene	UG/KG	0	0%		0	0	37	U	120	UJ	120	UJ	120	U	120	UJ
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
enzene	UG/KG	0	0%	200	0	0	37	U	120	UJ	120	UJ	120	U	120	UJ
	UG/KG	0	0%		0	0	76	U	120	UJ	120	UJ	120	U	120	UJ
	UG/KG	67	1%		0	1	76	U	120	UJ	120	UJ	120	U	120	UJ
cides/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	U	3.7	U	3.6	U	3.7	U	3.6	U
DE	UG/KG	21	4%	2100	0	3	76	U	3.7	U	3.6	U	3.7	U	3.6	U
DT	UG/KG	2.9	1%	2100	0	1	76	U	3.7	U	3.6	U	3.7	U	3.6	U
	UG/KG	8.2	1%	41	0	1	76	U	1.9	U	1.9	U	1.9	U	1.8	U
-BHC	UG/KG	0	0%	110	0	0	76	U	1.9	U	1.9	U	1.9	U	1.8	U
-Chlordane	UG/KG	10	1%		0	1	76	U	1.9	U	1.9	U	1.9	U	1.8	U
r-1016	UG/KG	0	0%		0	0	76	U	37	U	36	U	37	U	36	U
r-1221	UG/KG	0	0%		0	0	76	U	75	U	74	U	74	U	73	U
r-1232	UG/KG	0	0%		0	0	76	U	37	U	36	U	37	U	36	U
r-1242	UG/KG	0	0%		0	0	76	U	37	U	36	U	37	U	36	U
r-1248	UG/KG	27	1%		0	1	76	U	37	U	36	U	37	U	36	U
r-1254	UG/KG	1600	5%	10000	0	4	76	U	37	U	36	U	37	U	36	U
r-1260	UG/KG	0	0%	10000	0	0	76	U	37	U	36	U	37	U	36	U
BHC	UG/KG	1.4	1%	200	0	1	76	U	1.9	U	1.9	U	1.9	U	1.8	U
BHC	UG/KG	5.9	1%	300	0	1	76	U	1.9	U	1.9	U	1.9	U	1.8	U
in	UG/KG	0	0%	44	0	0	76	U	3.7	U	3.6	U	3.7	U	3.6	U
ulfan I	UG/KG	11	1%	900	0	1	76	U	1.9	U	1.9	U	1.9	U	1.8	U
ulfan II	UG/KG	0	0%	900	0	0	76	U	3.7	U	3.6	U	3.7	U	3.6	U
ulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	3.7	U	3.6	U	3.7	U	3.6	U
	UG/KG	34	1%	100	0	1	76	U	3.7	U	3.6	U	3.7	U	3.6	U
aldehyde	UG/KG	3.7	1%		0	1	76	U	3.7	U	3.6	U	3.7	U	3.6	U
ketone	UG/KG	0	0%		0	0	76	U	3.7	U	3.6	U	3.7	U	3.6	U
na-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	1.9	U	1.9	U	1.9	U	1.8	U
na-Chlordane	UG/KG	0	0%	540	0	0	76	U	1.9	U	1.9	U	1.9	U	1.8	U
chlor	UG/KG	0	0%	100	0	0	76	U	1.9	U	1.9	U	1.9	U	1.8	U
chlor epoxide	UG/KG	0	0%	20	0	0	76	U	1.9	U	1.9	U	1.9	U	1.8	U
xychlor	UG/KG	0	0%		0	0	76	U	19	U	19	U	19	U	18	U
hene	UG/KG	0	0%		0	0	76	U	190	U	190	U	190	U	180	U
cides																
T	UG/KG	0	0%	1900	0	0	39									
TP/Silvex	UG/KG	0	0%	700	0	0	39									
	UG/KG	0	0%	500	0	0	39									
B	UG/KG	0	0%		0	0	39									
on	UG/KG	0	0%		0	0	39									

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								Step 1	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
									SB4-18		SB4-19		SB4-19		SB4-20	
									SOIL		SOIL		SOIL		SOIL	
									4		2		4		2	
									5.8		3.2		5.2		3.5	
			FREQUENCY		NUMBER	NUMBER	NUMBER		12/15/1998		12/15/1998		12/15/1998		12/18/1998	
			OF		ABOVE	OF	OF		43082		43084		43085		43136	
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES		SA		SA		SA		SA	
									N		N		N		N	
ides	UG/KG	23	3%		0	1	39									
oroprop	UG/KG	0	0%		0	0	39									
seb	UG/KG	0	0%		0	0	39									
A	UG/KG	0	0%		0	0	39									
P	UG/KG	0	0%		0	0	39									
ls																
inum	MG/KG	21000	100%	19520	3	76	76		12800		12600		11400		12500	
nony	MG/KG	57.8	28%	6	10	21	76	UJ	0.58	UJ	0.65	UJ	0.65	UJ	0.55	UJ
nic	MG/KG	21.5	100%	8.9	4	76	76		6.9		4.6		7.2		4.9	
m	MG/KG	133	100%	300	0	76	76		65.9		103		117		55.1	
lium	MG/KG	1	99%	1.13	0	75	76	J	0.58	J	0.6	J	0.51	J	0.39	J
nium	MG/KG	1.5	4%	2.46	0	3	76	U	0.04	U	0.04	U	0.04	U	0.04	U
um	MG/KG	102000	100%	125300	0	76	76		66400		74200		90100		3570	
mium	MG/KG	3820	80%	30	17	61	76		24.6		21.1		21.4		7.3	
lt	MG/KG	29.1	100%	30	0	76	76		12.4		10.3	J	12		14.5	
er	MG/KG	2250	100%	33	14	76	76		17.1		23.7		23.7		41.8	
ide	MG/KG	0	0%	0.35	0	0	76	U	0.64	U	0.6	U	0.61	U	0.59	U
	MG/KG	40900	100%	37410	6	76	76		30100		24600		27100		29100	
	MG/KG	251	100%	24.4	6	76	76		10.1		14.2		10.9		8	
nesium	MG/KG	32000	100%	21700	3	76	76		6660		8430		11300		5350	
ganese	MG/KG	2100	78%	1100	5	59	76		527		438		501		671	J
ury	MG/KG	0.12	45%	0.1	1	34	76	UJ	0.06	UJ	0.05	UJ	0.05	UJ	0.05	UJ
el	MG/KG	62.3	100%	50	8	76	76		41.4		32.3		36.6		36.9	
ssium	MG/KG	2490	100%	2623	0	76	76	J	1290		1220		1330		1150	
nium	MG/KG	0.86	33%	2	0	25	76	U	0.38	U	0.42	U	0.42	U	0.36	U
r	MG/KG	1.2	8%	0.8	4	6	76	U	0.19	U	0.21	U	0.21	U	0.18	U
um	MG/KG	134	61%	188	0	46	76	U	84	J	56.9	J	55.3	U	46.6	U
ium	MG/KG	0	0%	0.855	0	0	76	U	6.8	U	7.5	U	7.6	U	6.4	UJ
dium	MG/KG	31	100%	150	0	76	76		20.8		21.2		20.2		18.9	
	MG/KG	1010	100%	115	12	76	76		99.7		69.8		106		71.2	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 SB4-20 SOIL 6 6.8 12/18/1998 43149 SA N		RI Phase 1 Step 1 SB4-21 SOIL 2 3.4 12/18/1998 43137 SA N		RI Phase 1 Step 1 SB4-21 SOIL 8 8.7 12/18/1998 43138 SA N		RI Phase 1 Step 1 SB4-22 SOIL 4 5.7 12/22/1998 43139 SA N		RI P SB4 SOIL 12/2 SA N
tiles																
-Trichloroethane	UG/KG	0	0%	800	0	0	76	11	U	11	U	11	U	12	U	
,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	12	U	
-Trichloroethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
ichloroethane	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	12	U	
ichloroethene	UG/KG	0	0%	400	0	0	76	11	U	11	U	11	U	12	U	
ichloroethane	UG/KG	0	0%	100	0	0	76	11	U	11	U	11	U	12	U	
ichloroethene (total)	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
ichloropropane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
ne	UG/KG	31	9%	200	0	7	76	24	U	11	UJ	11	UJ	12	U	
ene	UG/KG	0	0%	60	0	0	76	11	U	11	U	11	U	12	U	
odichloromethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
oform	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
on disulfide	UG/KG	0	0%	2700	0	0	76	11	U	11	U	11	U	12	U	
on tetrachloride	UG/KG	0	0%	600	0	0	76	11	U	11	U	11	U	12	U	
obenzene	UG/KG	0	0%	1700	0	0	76	11	U	11	U	11	U	12	U	
odibromomethane	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
oethane	UG/KG	0	0%	1900	0	0	76	11	U	11	U	11	U	12	U	
oform	UG/KG	15	8%	300	0	6	76	11	U	11	U	11	U	12	U	
,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
benzene	UG/KG	1	1%	5500	0	1	76	11	U	11	U	11	U	12	U	
yl bromide	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
yl butyl ketone	UG/KG	0	0%		0	0	76	11	U	11	UJ	11	UJ	12	U	
yl chloride	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
yl ethyl ketone	UG/KG	0	0%	300	0	0	76	11	U	11	U	11	UJ	12	U	
yl isobutyl ketone	UG/KG	0	0%	1000	0	0	76	11	U	11	UJ	11	U	12	U	
ylene chloride	UG/KG	2	3%	100	0	2	76	11	U	11	U	11	U	12	U	
ne	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
chloroethene	UG/KG	0	0%	1400	0	0	76	11	U	11	U	11	U	12	U	
ne	UG/KG	13	28%	1500	0	21	76	3	J	3	J	2	J	12	U	
Xylenes	UG/KG	8	4%	1200	0	3	76	11	U	11	U	11	U	12	U	
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	11	U	11	U	12	U	
loroethene	UG/KG	0	0%	700	0	0	76	11	U	11	U	11	U	12	U	
chloride	UG/KG	0	0%	200	0	0	76	11	U	11	U	11	U	12	U	
ivolatile Organics																
-Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	72	U	74	U	71	U	72	UJ	
ichlorobenzene	UG/KG	0	0%	7900	0	0	76	72	U	74	U	71	U	72	UJ	
ichlorobenzene	UG/KG	0	0%	1600	0	0	76	72	U	74	U	71	U	72	UJ	
ichlorobenzene	UG/KG	0	0%	8500	0	0	76	72	U	74	U	71	U	72	UJ	
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	39									
-Trichlorophenol	UG/KG	0	0%	100	0	0	76	170	U	180	U	170	U	170	UJ	
-Trichlorophenol	UG/KG	0	0%		0	0	76	72	U	74	U	71	U	72	UJ	
ichlorophenol	UG/KG	0	0%	400	0	0	76	72	U	74	U	71	U	72	UJ	
imethylphenol	UG/KG	0	0%		0	0	76	72	UJ	74	UJ	71	UJ	72	UJ	
initrophenol	UG/KG	0	0%	200	0	0	76	170	U	180	UJ	170	UJ	170	R	
initrotoluene	UG/KG	0	0%		0	0	76	72	U	74	U	71	U	72	UJ	
initrotoluene	UG/KG	0	0%	1000	0	0	76	72	U	74	U	71	U	72	UJ	
loronaphthalene	UG/KG	0	0%		0	0	76	72	U	74	U	71	U	72	UJ	
lorophenol	UG/KG	0	0%	800	0	0	76	72	U	74	U	71	U	72	UJ	
thylnaphthalene	UG/KG	260	4%	36400	0	3	76	72	U	74	U	71	U	72	UJ	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 SB4-20 SOIL 6 6.8 12/18/1998 43149 SA N	RI Phase 1 Step 1 SB4-21 SOIL 2 3.4 12/18/1998 43137 SA N	RI Phase 1 Step 1 SB4-21 SOIL 8 8.7 12/18/1998 43138 SA N	RI Phase 1 Step 1 SB4-22 SOIL 4 5.7 12/22/1998 43139 SA N	RI P SB4 SOI 12/ SA N
[illegible]	UG/KG	23	3%		0	1	39					
hloroprop	UG/KG	0	0%		0	0	39					
oseb	UG/KG	0	0%		0	0	39					
PA	UG/KG	0	0%		0	0	39					
PP	UG/KG	0	0%		0	0	39					
als												
minum	MG/KG	21000	100%	19520	3	76	76	12000	9450	7670	9230	
mony	MG/KG	57.8	28%	6	10	21	76	0.73 R	0.57 UJ	0.64 UJ	0.68 UJ	
enic	MG/KG	21.5	100%	8.9	4	76	76	5.2	3.9	4.9	4.1	
um	MG/KG	133	100%	300	0	76	76	43.9	51.9	46.7	63.3	
llium	MG/KG	1	99%	1.13	0	75	76	0.56 J	0.35 J	0.24 J	0.26 J	
mium	MG/KG	1.5	4%	2.46	0	3	76	0.09 U	0.04 U	0.04 U	0.04 U	
cium	MG/KG	102000	100%	125300	0	76	76	36500	62200	58900	53200	
omium	MG/KG	3820	80%	30	17	61	76	32.3	18.6	14.4	20.9 J	
alt	MG/KG	29.1	100%	30	0	76	76	10.8	8.2 J	11.1	9.2 J	
per	MG/KG	2250	100%	33	14	76	76	23.9	19.5	17.1	22.8	
nide	MG/KG	0	0%	0.35	0	0	76	0.61 U	0.61 U	0.63 U	0.62 U	
	MG/KG	40900	100%	37410	6	76	76	26200	21300	20100	22700	
d	MG/KG	251	100%	24.4	6	76	76	6.5	7.9	10.3	[illegible]	
gnesium	MG/KG	32000	100%	21700	3	76	76	7120	10500	12400	9190	
nganese	MG/KG	2100	78%	1100	5	59	76	368 J	435 J	517 J	560	
cury	MG/KG	0.12	45%	0.1	1	34	76	0.05 UJ	0.06 UJ	0.05 UJ	0.05 U	
kel	MG/KG	62.3	100%	50	8	76	76	29.6	25.9	26.4	24.7	
assium	MG/KG	2490	100%	2623	0	76	76	1230	1480	1130	1090	
enium	MG/KG	0.86	33%	2	0	25	76	0.68 U	0.37 U	0.41 U	0.79 UJ	
er	MG/KG	1.2	8%	0.8	4	6	76	0.19 U	0.19 U	0.21 U	0.22 U	
ium	MG/KG	134	61%	188	0	46	76	63.7 U	48.5 U	87.5 J	101 J	
llium	MG/KG	0	0%	0.855	0	0	76	0.58 U	0.67 UJ	7.4 UJ	7.9 R	
adium	MG/KG	31	100%	150	0	76	76	16.5	17.4	13.4	16.3	
c	MG/KG	1010	100%	115	12	76	76	74	65.1	76.4	68.1 J	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step
									SB4-23	SB4-23	SB4-24	SB4-24
									SOIL	SOIL	SOIL	SOIL
									2	4	3	3
									3	5.6	4	4
									12/15/1998	12/16/1998	12/22/1998	12/22/1998
									43087	43088	43173	43141
									SA	SA	DU	SA
									N	N	N	N
tiles												
-Trichloroethane	UG/KG	0	0%	800	0	0	76	U	11 U	11 U	11 U	11 U
,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	11 U	11 U	11 U	11 U
-Trichloroethane	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
Dichloroethane	UG/KG	0	0%	200	0	0	76	U	11 U	11 U	11 U	11 U
Dichloroethene	UG/KG	0	0%	400	0	0	76	U	11 U	11 U	11 U	11 U
Dichloroethane	UG/KG	0	0%	100	0	0	76	U	11 U	11 U	11 U	11 U
Dichloroethene (total)	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
Dichloropropane	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
one	UG/KG	31	9%	200	0	7	76	U	11 U	11 U	11 U	11 U
ene	UG/KG	0	0%	60	0	0	76	U	11 U	11 U	11 U	11 U
odichloromethane	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
oform	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
on disulfide	UG/KG	0	0%	2700	0	0	76	U	11 U	11 U	11 U	11 U
on tetrachloride	UG/KG	0	0%	600	0	0	76	U	11 U	11 U	11 U	11 U
obenzene	UG/KG	0	0%	1700	0	0	76	U	11 U	11 U	11 U	11 U
odibromomethane	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
oethane	UG/KG	0	0%	1900	0	0	76	U	11 UJ	11 UJ	11 U	11 U
oform	UG/KG	15	8%	300	0	6	76	U	11 U	11 U	11 U	11 U
,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
benzene	UG/KG	1	1%	5500	0	1	76	U	11 U	11 U	11 U	11 U
yl bromide	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
yl butyl ketone	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
yl chloride	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
yl ethyl ketone	UG/KG	0	0%	300	0	0	76	U	11 UJ	11 UJ	11 U	11 U
yl isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	11 U	11 U	11 U	11 U
ylene chloride	UG/KG	2	3%	100	0	2	76	U	11 U	11 U	11 U	11 U
ne	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
chloroethene	UG/KG	0	0%	1400	0	0	76	U	11 U	11 U	11 U	11 U
ene	UG/KG	13	28%	1500	0	21	76	J	11 U	11 U	3 J	11 U
Xylenes	UG/KG	8	4%	1200	0	3	76	U	11 U	11 U	11 U	11 U
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11 U	11 U	11 U	11 U
loroethene	UG/KG	0	0%	700	0	0	76	U	11 U	11 U	11 U	11 U
chloride	UG/KG	0	0%	200	0	0	76	U	11 U	11 U	11 U	11 U
ivolatile Organics												
-Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
Dichlorobenzene	UG/KG	0	0%	7900	0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
Dichlorobenzene	UG/KG	0	0%	1600	0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
Dichlorobenzene	UG/KG	0	0%	8500	0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	39					
-Trichlorophenol	UG/KG	0	0%	100	0	0	76	UJ	170 U	180 U	190 UJ	180 UJ
-Trichlorophenol	UG/KG	0	0%		0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
Dichlorophenol	UG/KG	0	0%	400	0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
Dimethylphenol	UG/KG	0	0%		0	0	76	UJ	71 UJ	73 UJ	77 UJ	75 UJ
Dinitrophenol	UG/KG	0	0%	200	0	0	76	R	170 R	180 R	190 R	180 R
Dinitrotoluene	UG/KG	0	0%		0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
loronaphthalene	UG/KG	0	0%		0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
lorophenol	UG/KG	0	0%	800	0	0	76	UJ	71 U	73 U	77 UJ	75 UJ
thylnaphthalene	UG/KG	260	4%	36400	0	3	76	UJ	71 U	73 U	77 UJ	75 UJ

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 SB4-23 SOIL 2 3 12/15/1998 43087 SA N		RI Phase 1 Step 1 SB4-23 SOIL 4 5.6 12/16/1998 43088 SA N		RI Phase 1 Step 1 SB4-24 SOIL 3 4 12/22/1998 43173 DU N		RI Phase 1 Step SB4-24 SOIL 3 4 12/22/1998 43141 SA N	
ethylphenol	UG/KG	0	0%	100	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
itroaniline	UG/KG	0	0%	430	0	0	76	UJ	170	U	180	U	190	UJ	180	UJ
itrophenol	UG/KG	0	0%	330	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
-Dichlorobenzidine	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
itroaniline	UG/KG	0	0%	500	0	0	76	UJ	170	U	180	U	190	UJ	180	UJ
-Dinitro-2-methylphenol	UG/KG	0	0%		0	0	76	UJ	170	UJ	180	UJ	190	UJ	180	UJ
romophenyl phenyl ether	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
hloro-3-methylphenol	UG/KG	0	0%	240	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
hloroaniline	UG/KG	0	0%	220	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
hlorophenyl phenyl ether	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
ethylphenol	UG/KG	0	0%	900	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
itroaniline	UG/KG	0	0%		0	0	76	UJ	170	U	180	U	190	UJ	180	UJ
itrophenol	UG/KG	0	0%	100	0	0	76	UJ	170	U	180	U	190	UJ	180	UJ
naphthene	UG/KG	88	3%	50000	0	2	76	UJ	71	U	73	U	77	UJ	75	UJ
naphthylene	UG/KG	170	4%	41000	0	3	76	UJ	71	U	73	U	77	UJ	75	UJ
hracene	UG/KG	340	4%	50000	0	3	76	UJ	71	U	73	U	77	UJ	75	UJ
zo(a)anthracene	UG/KG	1100	7%	224	2	5	76	UJ	71	U	73	U	77	UJ	75	UJ
zo(a)pyrene	UG/KG	880	8%	61	2	6	76	UJ	71	U	73	U	77	UJ	6.4	J
zo(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	UJ	71	U	73	U	77	UJ	15	J
zo(ghi)perylene	UG/KG	270	3%	50000	0	2	76	UJ	71	U	73	U	77	UJ	75	UJ
zo(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	UJ	71	U	73	U	77	UJ	75	R
2-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
2-Chloroethyl)ether	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37	UJ	71	U	73	U	77	UJ	75	UJ
2-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	UJ	200	U	73	U	77	UJ	75	UJ
ylbenzylphthalate	UG/KG	120	1%	50000	0	1	76	UJ	71	U	73	U	77	UJ	75	UJ
bazole	UG/KG	160	1%		0	1	76	UJ	71	U	73	U	77	UJ	75	UJ
ysene	UG/KG	1000	11%	400	2	8	76	UJ	71	U	73	U	77	UJ	75	UJ
n-butylphthalate	UG/KG	63	24%	8100	0	18	76	UJ	71	U	73	U	77	UJ	75	UJ
n-octylphthalate	UG/KG	37	21%	50000	0	16	76	UJ	71	U	73	U	77	UJ	75	UJ
enz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	UJ	71	U	73	U	77	UJ	75	UJ
enzofuran	UG/KG	33	1%	6200	0	1	76	UJ	71	U	73	U	77	UJ	75	UJ
thyl phthalate	UG/KG	0	0%	7100	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
ethylphthalate	UG/KG	0	0%	2000	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
oranthene	UG/KG	2400	11%	50000	0	8	76	UJ	71	U	73	U	77	UJ	12	J
orene	UG/KG	330	4%	50000	0	3	76	UJ	71	U	73	U	77	UJ	75	UJ
xachlorobenzene	UG/KG	0	0%	410	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
xachlorobutadiene	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
xachlorocyclopentadiene	UG/KG	0	0%		0	0	76	UJ	71	UJ	73	UJ	77	UJ	75	UJ
xachloroethane	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
eno(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	UJ	71	U	73	U	77	UJ	75	UJ
phorone	UG/KG	0	0%	4400	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
Nitrosodiphenylamine	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
Nitrosodipropylamine	UG/KG	0	0%		0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
phthalene	UG/KG	130	3%	13000	0	2	76	UJ	71	U	73	U	77	UJ	75	UJ
obenzene	UG/KG	0	0%	200	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
ntachlorophenol	UG/KG	0	0%	1000	0	0	76	UJ	170	U	180	U	190	UJ	180	UJ
enanthrene	UG/KG	1400	8%	50000	0	6	76	UJ	71	U	73	U	77	UJ	75	UJ
enol	UG/KG	0	0%	30	0	0	76	UJ	71	U	73	U	77	UJ	75	UJ
ene	UG/KG	1800	9%	50000	0	7	76	UJ	71	U	73	U	77	UJ	9.4	J

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 SB4-23 SOIL 2 3 12/15/1998 43087 SA N		RI Phase 1 Step 1 SB4-23 SOIL 4 5.6 12/16/1998 43088 SA N		RI Phase 1 Step 1 SB4-24 SOIL 3 4 12/22/1998 43173 DU N		RI Phase 1 Step SB4-24 SOIL 3 4 12/22/1998 43141 SA N	
matics																
-Trinitrobenzene	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
Dinitrobenzene	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
-Trinitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	U	120	UJ	120	U	120	U	120	U
rotoluene	UG/KG	0	0%		0	0	37	U	120	UJ	120	U	120	U	120	U
ino-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
rotoluene	UG/KG	0	0%		0	0	37	U	120	UJ	120	U	120	U	120	U
rotoluene	UG/KG	0	0%		0	0	37	U	120	UJ	120	U	120	U	120	U
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
benzene	UG/KG	0	0%	200	0	0	37	U	120	UJ	120	U	120	U	120	U
	UG/KG	0	0%		0	0	76	U	120	UJ	120	U	120	U	120	U
l	UG/KG	67	1%		0	1	76	U	120	UJ	120	U	120	U	120	U
icides/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	U	3.5	U	3.7	U	3.9	U	3.7	U
DE	UG/KG	21	4%	2100	0	3	76	U	3.5	U	3.7	U	3.9	U	3.7	U
DT	UG/KG	2.9	1%	2100	0	1	76	U	3.5	U	3.7	U	3.9	U	3.7	U
n	UG/KG	8.2	1%	41	0	1	76	U	1.8	U	1.9	U	2	U	1.9	U
a-BHC	UG/KG	0	0%	110	0	0	76	U	1.8	U	1.9	U	2	U	1.9	U
a-Chlordane	UG/KG	10	1%		0	1	76	U	1.8	U	1.9	U	2	U	1.9	U
lor-1016	UG/KG	0	0%		0	0	76	U	35	U	37	U	39	U	37	U
lor-1221	UG/KG	0	0%		0	0	76	U	72	U	74	U	78	U	76	U
lor-1232	UG/KG	0	0%		0	0	76	U	35	U	37	U	39	U	37	U
lor-1242	UG/KG	0	0%		0	0	76	U	35	U	37	U	39	U	37	U
lor-1248	UG/KG	27	1%		0	1	76	U	35	U	37	U	39	U	37	U
lor-1254	UG/KG	1600	5%	10000	0	4	76	U	35	U	37	U	39	U	37	U
lor-1260	UG/KG	0	0%	10000	0	0	76	U	35	U	37	U	39	U	37	U
-BHC	UG/KG	1.4	1%	200	0	1	76	U	1.8	U	1.9	U	2	U	1.9	U
-BHC	UG/KG	5.9	1%	300	0	1	76	U	1.8	U	1.9	U	2	U	1.9	U
rin	UG/KG	0	0%	44	0	0	76	U	3.5	U	3.7	U	3.9	U	3.7	U
sulfan I	UG/KG	11	1%	900	0	1	76	U	1.8	U	1.9	U	2	U	1.9	U
sulfan II	UG/KG	0	0%	900	0	0	76	U	3.5	U	3.7	U	3.9	U	3.7	U
sulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	3.5	U	3.7	U	3.9	U	3.7	U
in	UG/KG	34	1%	100	0	1	76	U	3.5	U	3.7	U	3.9	U	3.7	U
in aldehyde	UG/KG	3.7	1%		0	1	76	U	3.5	U	3.7	U	3.9	U	3.7	U
in ketone	UG/KG	0	0%		0	0	76	U	3.5	U	3.7	U	3.9	U	3.7	U
ma-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	1.8	U	1.9	U	2	U	1.9	U
ma-Chlordane	UG/KG	0	0%	540	0	0	76	U	1.8	U	1.9	U	2	U	1.9	U
achlor	UG/KG	0	0%	100	0	0	76	U	1.8	U	1.9	U	2	U	1.9	U
achlor epoxide	UG/KG	0	0%	20	0	0	76	U	1.8	U	1.9	U	2	U	1.9	U
oxychlor	UG/KG	0	0%		0	0	76	U	18	U	19	U	20	U	19	U
phene	UG/KG	0	0%		0	0	76	U	180	U	190	U	200	U	190	U
icides																
-T	UG/KG	0	0%	1900	0	0	39									
-TP/Silvex	UG/KG	0	0%	700	0	0	39									
	UG/KG	0	0%	500	0	0	39									
DB	UG/KG	0	0%		0	0	39									
pon	UG/KG	0	0%		0	0	39									

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 SB4-23 SOIL 2 3 12/15/1998 43087 SA N	RI Phase 1 Step 1 SB4-23 SOIL 4 5.6 12/16/1998 43088 SA N	RI Phase 1 Step 1 SB4-24 SOIL 3 4 12/22/1998 43173 DU N	RI Phase 1 Step SB4-24 SOIL 3 4 12/22/1998 43141 SA N
~~nitos~~	UG/KG	23	3%		0	1	39					
hloroprop	UG/KG	0	0%		0	0	39					
oseb	UG/KG	0	0%		0	0	39					
PA	UG/KG	0	0%		0	0	39					
PP	UG/KG	0	0%		0	0	39					
als												
minum	MG/KG	21000	100%	19520	3	76	76		16900	17000	14400	15500
mony	MG/KG	57.8	28%	6	10	21	76	UJ	0.46 UJ	0.5 UJ	6.7 J	0.78 J
enic	MG/KG	21.5	100%	8.9	4	76	76		5.3	13.1	6	7.4
ium	MG/KG	133	100%	300	0	76	76	J	65.9	81.5	115	88.7
yllium	MG/KG	1	99%	1.13	0	75	76	J	0.79	0.82	0.53 J	0.42 J
dmium	MG/KG	1.5	4%	2.46	0	3	76	U	0.03 U	0.03 U	0.04 U	0.04 U
cium	MG/KG	102000	100%	125300	0	76	76		2330	2990	4140	3240
omium	MG/KG	3820	80%	30	17	61	76	J	7.2	12.6	11 J	10 J
balt	MG/KG	29.1	100%	30	0	76	76		16.2	15.5	11.7	15.4
pper	MG/KG	2250	100%	33	14	76	76		26.9	23	117 J	25.8 J
anide	MG/KG	0	0%	0.35	0	0	76	U	0.61 U	0.66 U	0.69 U	0.65 U
n	MG/KG	40900	100%	37410	6	76	76		37200	40500	29600 J	33600
n	MG/KG	251	100%	24.4	6	76	76		10.8	10.6	14.7	10.4
gnesium	MG/KG	32000	100%	21700	3	76	76		7440	7500	4490	5980
nganese	MG/KG	2100	78%	1100	5	59	76		320	351	832	977
rcury	MG/KG	0.12	45%	0.1	1	34	76	U	0.05 UJ	0.06 UJ	0.09 J	0.05 UJ
kel	MG/KG	62.3	100%	50	8	76	76		54.4	53.2	30.4	39.8
assium	MG/KG	2490	100%	2623	0	76	76	J	1590	1790	1480	1310
enium	MG/KG	0.86	33%	2	0	25	76	UJ	0.29 U	0.32 U	0.75 UJ	0.8 UJ
er	MG/KG	1.2	8%	0.8	4	6	76	U	0.15 U	0.16 U	0.21 U	0.22 U
dium	MG/KG	134	61%	188	0	46	76	J	43.8 J	42.5 U	54.6 UJ	88.5 J
allium	MG/KG	0	0%	0.855	0	0	76	R	0.53 U	0.58 U	7.5 R	8 R
nadium	MG/KG	31	100%	150	0	76	76		24.9	27.1	24	22.4
c	MG/KG	1010	100%	115	12	76	76	J	122	133	148 J	78.3 J

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								RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI P
								SB4-24		SB4-25		SB4-25		SB4-26		SB4
								SOIL		SOIL		SOIL		SOIL		SOI
								8		2		6		2		
								8.6		3.5		7.2		3.5		
			FREQUENCY OF		NUMBER ABOVE	NUMBER OF	NUMBER OF	12/22/1998		12/23/1998		12/23/1998		12/15/1998		12/1
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES	43142		43143		43144		43091		
								SA		SA		SA		SA		SA
								N		N		N		N		N
tiles																
-Trichloroethane	UG/KG	0	0%	800	0	0	76	11	U	13	U	11	U	12	U	
,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	11	U	13	U	11	U	12	U	
-Trichloroethane	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
Dichloroethane	UG/KG	0	0%	200	0	0	76	11	U	13	U	11	U	12	U	
Dichloroethene	UG/KG	0	0%	400	0	0	76	11	U	13	U	11	U	12	U	
Dichloroethane	UG/KG	0	0%	100	0	0	76	11	U	13	U	11	U	12	U	
Dichloroethene (total)	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
Dichloropropane	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
one	UG/KG	31	9%	200	0	7	76	14	U	13	U	11	U	12	U	
ene	UG/KG	0	0%	60	0	0	76	11	U	13	U	11	U	12	U	
odichloromethane	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
oform	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
on disulfide	UG/KG	0	0%	2700	0	0	76	11	U	13	U	11	U	12	U	
on tetrachloride	UG/KG	0	0%	600	0	0	76	11	U	13	U	11	U	12	U	
robenzene	UG/KG	0	0%	1700	0	0	76	11	U	13	U	11	U	12	U	
rodibromomethane	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
roethane	UG/KG	0	0%	1900	0	0	76	11	U	13	U	11	U	12	UJ	
roform	UG/KG	15	8%	300	0	6	76	11	U	13	U	11	U	12	U	
,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
benzene	UG/KG	1	1%	5500	0	1	76	11	U	13	U	11	U	12	U	
yl bromide	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
yl butyl ketone	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
yl chloride	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
yl ethyl ketone	UG/KG	0	0%	300	0	0	76	11	U	13	U	11	U	12	UJ	
yl isobutyl ketone	UG/KG	0	0%	1000	0	0	76	11	U	13	U	11	U	12	U	
ylene chloride	UG/KG	2	3%	100	0	2	76	11	U	13	U	11	U	12	U	
ne	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
chloroethene	UG/KG	0	0%	1400	0	0	76	11	U	13	U	11	U	12	U	
ene	UG/KG	13	28%	1500	0	21	76	4	J	13	U	11	U	12	U	
Xylenes	UG/KG	8	4%	1200	0	3	76	2	J	13	U	11	U	12	U	
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	11	U	13	U	11	U	12	U	
loroethene	UG/KG	0	0%	700	0	0	76	11	U	13	U	11	U	12	U	
chloride	UG/KG	0	0%	200	0	0	76	11	U	13	U	11	U	12	U	
ivolatile Organics																
-Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
Dichlorobenzene	UG/KG	0	0%	7900	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
Dichlorobenzene	UG/KG	0	0%	1600	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
Dichlorobenzene	UG/KG	0	0%	8500	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	39									
-Trichlorophenol	UG/KG	0	0%	100	0	0	76	170	UJ	200	UJ	180	UJ	170	U	
-Trichlorophenol	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
Dichlorophenol	UG/KG	0	0%	400	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
Dimethylphenol	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	UJ	
Dinitrophenol	UG/KG	0	0%	200	0	0	76	170	R	200	R	180	R	170	R	
Dinitrotoluene	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
loronaphthalene	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
lorophenol	UG/KG	0	0%	800	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
thylnaphthalene	UG/KG	260	4%	36400	0	3	76	70	UJ	82	UJ	75	UJ	72	U	

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								RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI
								SB4-24		SB4-25		SB4-25		SB4-26		SB4
								SOIL		SOIL		SOIL		SOIL		SOI
								8		2		6		2		
								8.6		3.5		7.2		3.5		
			FREQUENCY OF		NUMBER ABOVE	NUMBER OF	NUMBER OF	12/22/1998		12/23/1998		12/23/1998		12/15/1998		12/
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES	43142		43143		43144		43091		
								SA		SA		SA		SA		SA
								N		N		N		N		N
ethylphenol	UG/KG	0	0%	100	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
itroaniline	UG/KG	0	0%	430	0	0	76	170	UJ	200	UJ	180	UJ	170	U	
itrophenol	UG/KG	0	0%	330	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
-Dichlorobenzidine	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
itroaniline	UG/KG	0	0%	500	0	0	76	170	UJ	200	UJ	180	UJ	170	U	
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	76	170	UJ	200	UJ	180	UJ	170	UJ	
romophenyl phenyl ether	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
hloro-3-methylphenol	UG/KG	0	0%	240	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
hloroaniline	UG/KG	0	0%	220	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
hlorophenyl phenyl ether	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
ethylphenol	UG/KG	0	0%	900	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
itroaniline	UG/KG	0	0%		0	0	76	170	UJ	200	UJ	180	UJ	170	U	
itrophenol	UG/KG	0	0%	100	0	0	76	170	UJ	200	UJ	180	UJ	170	U	
naphthene	UG/KG	88	3%	50000	0	2	76	70	UJ	82	UJ	75	UJ	72	U	
naphthylene	UG/KG	170	4%	41000	0	3	76	70	UJ	82	UJ	75	UJ	72	U	
hracene	UG/KG	340	4%	50000	0	3	76	70	UJ	82	UJ	75	UJ	72	U	
zo(a)anthracene	UG/KG	1100	7%	224	2	5	76	70	UJ	82	UJ	75	UJ	72	U	
zo(a)pyrene	UG/KG	880	8%	61	2	6	76	70	UJ	82	UJ	75	UJ	72	U	
zo(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	70	UJ	82	UJ	75	UJ	72	U	
zo(ghi)perylene	UG/KG	270	3%	50000	0	2	76	70	UJ	82	UJ	75	UJ	72	U	
zo(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	70	UJ	82	UJ	75	UJ	72	U	
2-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
2-Chloroethyl)ether	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37	70	UJ	82	UJ	75	UJ	72	U	
2-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	70	UJ	82	UJ	75	UJ	72	U	
lbenzylphthalate	UG/KG	120	1%	50000	0	1	76	70	UJ	82	UJ	75	UJ	72	U	
bazole	UG/KG	160	1%		0	1	76	70	UJ	82	UJ	75	UJ	72	U	
ysene	UG/KG	1000	11%	400	2	8	76	70	UJ	82	UJ	75	UJ	72	U	
n-butylphthalate	UG/KG	63	24%	8100	0	18	76	70	UJ	82	UJ	75	UJ	72	U	
n-octylphthalate	UG/KG	37	21%	50000	0	16	76	70	UJ	82	UJ	6.6	J	72	U	
enz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	70	UJ	82	UJ	75	UJ	72	U	
enzofuran	UG/KG	33	1%	6200	0	1	76	70	UJ	82	UJ	75	UJ	72	U	
thyl phthalate	UG/KG	0	0%	7100	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
ethylphthalate	UG/KG	0	0%	2000	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
oranthene	UG/KG	2400	11%	50000	0	8	76	70	UJ	82	UJ	75	UJ	72	U	
orene	UG/KG	330	4%	50000	0	3	76	70	UJ	82	UJ	75	UJ	72	U	
xachlorobenzene	UG/KG	0	0%	410	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
xachlorobutadiene	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
xachlorocyclopentadiene	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	UJ	
xachloroethane	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
eno(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	70	UJ	82	UJ	75	UJ	72	U	
phorone	UG/KG	0	0%	4400	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
itrosodiphenylamine	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
itrosodipropylamine	UG/KG	0	0%		0	0	76	70	UJ	82	UJ	75	UJ	72	U	
phthalene	UG/KG	130	3%	13000	0	2	76	70	UJ	82	UJ	75	UJ	72	U	
obenzene	UG/KG	0	0%	200	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
ntachlorophenol	UG/KG	0	0%	1000	0	0	76	170	UJ	200	UJ	180	UJ	170	U	
enanthrene	UG/KG	1400	8%	50000	0	6	76	70	UJ	82	UJ	75	UJ	72	U	
enol	UG/KG	0	0%	30	0	0	76	70	UJ	82	UJ	75	UJ	72	U	
ene	UG/KG	1800	9%	50000	0	7	76	70	UJ	82	UJ	75	UJ	72	U	

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								RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI P
								SB4-24		SB4-25		SB4-25		SB4-26		SB4
								SOIL		SOIL		SOIL		SOIL		SOI
								8		2		6		2		
								8.6		3.5		7.2		3.5		
			FREQUENCY OF		NUMBER ABOVE	NUMBER OF	NUMBER OF	12/22/1998		12/23/1998		12/23/1998		12/15/1998		12/
								43142		43143		43144		43091		
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES	SA		SA		SA		SA		SA
								N		N		N		N		N
matics																
5-Trinitrobenzene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
Dinitrobenzene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
5-Trinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
Dinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	120	U	120	U	120	U	120	UJ	
rotoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	UJ	
ino-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
rotoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	UJ	
rotoluene	UG/KG	0	0%		0	0	37	120	U	120	U	120	U	120	UJ	
ino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
X	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
benzene	UG/KG	0	0%	200	0	0	37	120	U	120	U	120	U	120	UJ	
	UG/KG	0	0%		0	0	76	120	U	120	U	120	U	120	UJ	
yl	UG/KG	67	1%		0	1	76	120	U	120	U	120	U	120	UJ	
icides/PCBs																
DDD	UG/KG	0	0%	2900	0	0	76	3.5	U	4.1	U	3.8	U	3.6	U	
DDE	UG/KG	21	4%	2100	0	3	76	3.5	U	4.1	U	3.8	U	3.6	U	
DDT	UG/KG	2.9	1%	2100	0	1	76	3.5	U	4.1	U	3.8	U	3.6	U	
n	UG/KG	8.2	1%	41	0	1	76	1.8	U	2.1	U	1.9	U	1.8	U	
a-BHC	UG/KG	0	0%	110	0	0	76	1.8	U	2.1	U	1.9	U	1.8	U	
a-Chlordane	UG/KG	10	1%		0	1	76	1.8	U	2.1	U	1.9	U	1.8	U	
lor-1016	UG/KG	0	0%		0	0	76	35	U	41	U	38	U	36	U	
lor-1221	UG/KG	0	0%		0	0	76	71	U	84	U	76	U	73	U	
lor-1232	UG/KG	0	0%		0	0	76	35	U	41	U	38	U	36	U	
lor-1242	UG/KG	0	0%		0	0	76	35	U	41	U	38	U	36	U	
lor-1248	UG/KG	27	1%		0	1	76	35	U	41	U	38	U	36	U	
lor-1254	UG/KG	1600	5%	10000	0	4	76	35	U	20	J	38	U	36	U	
lor-1260	UG/KG	0	0%	10000	0	0	76	35	U	41	U	38	U	36	U	
-BHC	UG/KG	1.4	1%	200	0	1	76	1.8	U	2.1	U	1.9	U	1.8	U	
a-BHC	UG/KG	5.9	1%	300	0	1	76	1.8	U	2.1	U	1.9	U	1.8	U	
drin	UG/KG	0	0%	44	0	0	76	3.5	U	4.1	U	3.8	U	3.6	U	
osulfan I	UG/KG	11	1%	900	0	1	76	1.8	U	2.1	U	1.9	U	1.8	U	
osulfan II	UG/KG	0	0%	900	0	0	76	3.5	U	4.1	U	3.8	U	3.6	U	
osulfan sulfate	UG/KG	0	0%	1000	0	0	76	3.5	U	4.1	U	3.8	U	3.6	U	
rin	UG/KG	34	1%	100	0	1	76	3.5	U	4.1	U	3.8	U	3.6	U	
rin aldehyde	UG/KG	3.7	1%		0	1	76	3.5	U	4.1	U	3.8	U	3.6	U	
rin ketone	UG/KG	0	0%		0	0	76	3.5	U	4.1	U	3.8	U	3.6	U	
mma-BHC/Lindane	UG/KG	0	0%	60	0	0	76	1.8	U	2.1	U	1.9	U	1.8	U	
mma-Chlordane	UG/KG	0	0%	540	0	0	76	1.8	U	2.1	U	1.9	U	1.8	U	
tachlor	UG/KG	0	0%	100	0	0	76	1.8	U	2.1	U	1.9	U	1.8	U	
tachlor epoxide	UG/KG	0	0%	20	0	0	76	1.8	U	2.1	U	1.9	U	1.8	U	
hoxychlor	UG/KG	0	0%		0	0	76	18	U	21	U	19	U	18	U	
aphene	UG/KG	0	0%		0	0	76	180	U	210	U	190	U	180	U	
icides																
5-T	UG/KG	0	0%	1900	0	0	39									
5-TP/Silvex	UG/KG	0	0%	700	0	0	39									
D	UG/KG	0	0%	500	0	0	39									
DB	UG/KG	0	0%		0	0	39									
apon	UG/KG	0	0%		0	0	39									

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	RI Phase 1 Step 1 SB4-24 SOIL 8 8.6 12/22/1998 43142 SA N		RI Phase 1 Step 1 SB4-25 SOIL 2 3.5 12/23/1998 43143 SA N		RI Phase 1 Step 1 SB4-25 SOIL 6 7.2 12/23/1998 43144 SA N		RI Phase 1 Step 1 SB4-26 SOIL 2 3.5 12/15/1998 43091 SA N		RI P SB4 SO 12/ SA N
atiles	UG/KG	23	3%		0	1	39									
hloroprop	UG/KG	0	0%		0	0	39									
oseb	UG/KG	0	0%		0	0	39									
PA	UG/KG	0	0%		0	0	39									
PP	UG/KG	0	0%		0	0	39									
tals																
minum	MG/KG	21000	100%	19520	3	76	76	10700		11800		10900		9320		
imony	MG/KG	57.8	28%	6	10	21	76	0.66	J	30.1	J	0.58	J	0.62	UJ	
enic	MG/KG	21.5	100%	8.9	4	76	76	7.9		9.2		6		3.7		
ium	MG/KG	133	100%	300	0	76	76	70.8		110		60.5		51.8		
yllium	MG/KG	1	99%	1.13	0	75	76	0.3	J	0.37	J	0.02	U	0.4	J	
dmium	MG/KG	1.5	4%	2.46	0	3	76	0.04	U	0.05	U	0.04	U	0.04	U	
cium	MG/KG	102000	100%	125300	0	76	76	56200		18600		19900		102000		
romium	MG/KG	3820	80%	30	17	61	76	87.1	J	3820	J	34.7	J	17		
balt	MG/KG	29.1	100%	30	0	76	76	16.9		15.7		13.2		9	J	
pper	MG/KG	2250	100%	33	14	76	76	53.8		1250		21.7		16.5		
anide	MG/KG	0	0%	0.35	0	0	76	0.58	U	0.71	U	0.61	U	0.62	U	
n	MG/KG	40900	100%	37410	6	76	76	27400	J	43100	J	30300	J	21000		
ad	MG/KG	251	100%	24.4	6	76	76	10.6		46.5		11.6		8.8		
gnesium	MG/KG	32000	100%	21700	3	76	76	12500		5170		5190		24400		
nganese	MG/KG	2100	78%	1100	5	59	76	639		565		1100		365		
rcury	MG/KG	0.12	45%	0.1	1	34	76	0.05	U	0.12	J	0.06	U	0.05	UJ	
kel	MG/KG	62.3	100%	50	8	76	76	33.4		43.8		32.6		29.3		
assium	MG/KG	2490	100%	2623	0	76	76	1270		1320		873	J	1290		
enium	MG/KG	0.86	33%	2	0	25	76	0.67	UJ	0.83	UJ	0.68	UJ	0.4	U	
ver	MG/KG	1.2	8%	0.8	4	6	76	0.19	U	0.35	J	0.19	U	0.2	U	
dium	MG/KG	134	61%	188	0	46	76	121	J	60.3	U	74.1	J	52.5	U	
allium	MG/KG	0	0%	0.855	0	0	76	6.7	R	0.83	R	6.8	R	7.2	U	
nadium	MG/KG	31	100%	150	0	76	76	16.7		21.9		15.2		16.4		
c	MG/KG	1010	100%	115	12	76	76	87.1	J	507	J	64.2	J	75.3	J	

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	Step 1	RI Phase 1 Step 1 SB4-27 SOIL 2 2.5 12/21/1998 43127 SA N		ESI SB4-6 SOIL 0 2 12/6/1993 SB4-6-1 SA N		ESI SB4-6 SOIL 2 4 12/6/1993 SB4-6-2 SA N		ESI SB4-7 SOIL 0 2 12/5/1993 SB4-7-1 SA N	
tiles																
l-Trichloroethane	UG/KG	0	0%	800	0	0	76	U	11	U	13	U	11	U	12	U
2,2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	11	U	13	U	11	U	12	U
2-Trichloroethane	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
Dichloroethane	UG/KG	0	0%	200	0	0	76	U	11	U	13	U	11	U	12	U
Dichloroethene	UG/KG	0	0%	400	0	0	76	U	11	U	13	U	11	U	12	U
Dichloroethane	UG/KG	0	0%	100	0	0	76	U	11	U	13	U	11	U	12	U
Dichloroethene (total)	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
Dichloropropane	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
one	UG/KG	31	9%	200	0	7	76	U	8	J	13	U	11	U	12	U
zene	UG/KG	0	0%	60	0	0	76	U	11	U	13	U	11	U	12	U
nodichloromethane	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
noform	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
bon disulfide	UG/KG	0	0%	2700	0	0	76	U	11	U	13	U	11	U	12	U
bon tetrachloride	UG/KG	0	0%	600	0	0	76	U	11	U	13	U	11	U	12	U
robenzene	UG/KG	0	0%	1700	0	0	76	U	11	U	13	U	11	U	12	U
rodibromomethane	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
roethane	UG/KG	0	0%	1900	0	0	76	UJ	11	U	13	U	11	U	12	U
roform	UG/KG	15	8%	300	0	6	76	U	11	U	13	U	11	U	12	U
1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
l benzene	UG/KG	1	1%	5500	0	1	76	U	11	U	13	U	11	U	12	U
hyl bromide	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
hyl butyl ketone	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
hyl chloride	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
hyl ethyl ketone	UG/KG	0	0%	300	0	0	76	UJ	11	U	13	U	11	U	12	U
hyl isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	11	U	13	U	11	U	12	U
hylene chloride	UG/KG	2	3%	100	0	2	76	U	11	U	13	U	11	U	12	U
ene	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
achloroethene	UG/KG	0	0%	1400	0	0	76	U	11	U	13	U	11	U	12	U
ene	UG/KG	13	28%	1500	0	21	76	U	2	J	13	U	11	U	12	U
l Xylenes	UG/KG	8	4%	1200	0	3	76	U	11	U	13	U	11	U	12	U
s-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	13	U	11	U	12	U
hloroethene	UG/KG	0	0%	700	0	0	76	U	11	U	13	U	11	U	12	U
l chloride	UG/KG	0	0%	200	0	0	76	U	11	U	13	U	11	U	12	U
nivolatile Organics																
4-Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	U	73	U	440	U	350	U	370	U
Dichlorobenzene	UG/KG	0	0%	7900	0	0	76	U	73	U	440	U	350	U	370	U
Dichlorobenzene	UG/KG	0	0%	1600	0	0	76	U	73	U	440	U	350	U	370	U
Dichlorobenzene	UG/KG	0	0%	8500	0	0	76	U	73	U	440	U	350	U	370	U
oxybis(1-Chloropropane)	UG/KG	0	0%		0	0	39				440	U	350	U	370	U
5-Trichlorophenol	UG/KG	0	0%	100	0	0	76	U	180	U	1100	U	860	U	890	U
6-Trichlorophenol	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
Dichlorophenol	UG/KG	0	0%	400	0	0	76	U	73	U	440	U	350	U	370	U
Dimethylphenol	UG/KG	0	0%		0	0	76	UJ	73	UJ	440	U	350	U	370	U
Dinitrophenol	UG/KG	0	0%	200	0	0	76	R	180	UJ	1100	U	860	U	890	U
Dinitrotoluene	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	U	73	U	440	U	350	U	370	U
hloronaphthalene	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
hlorophenol	UG/KG	0	0%	800	0	0	76	U	73	U	440	U	350	U	370	U
ethylnaphthalene	UG/KG	260	4%	36400	0	3	76	U	73	U	440	U	350	U	370	U

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SEAD-4 Remedial Investigation
Subsurface Soil Sample Results
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								Step 1	RI Phase 1 Step 1		ESI		ESI		ESI	
									SB4-27		SB4-6		SB4-6		SB4-7	
									SOIL		SOIL		SOIL		SOIL	
									2		0		2		0	
									2.5		2		4		2	
			FREQUENCY OF		NUMBER ABOVE	NUMBER OF	NUMBER OF		12/21/1998		12/6/1993		12/6/1993		12/5/1993	
									43127							
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES		SA		SB4-6-1		SB4-6-2		SB4-7-1	
									N		SA		SA		SA	
											N		N		N	
ilorophenol	UG/KG	0	0%	100	0	0	76	U	73	U	440	U	350	U	370	U
troaniline	UG/KG	0	0%	430	0	0	76	U	180	U	1100	U	860	U	890	U
trophenol	UG/KG	0	0%	330	0	0	76	U	73	U	440	U	350	U	370	U
Dichlorobenzidine	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
troaniline	UG/KG	0	0%	500	0	0	76	U	180	U	1100	U	860	U	890	U
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	76	UJ	180	U	1100	U	860	U	890	U
omophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
hloro-3-methylphenol	UG/KG	0	0%	240	0	0	76	U	73	U	440	U	350	U	370	U
hloroaniline	UG/KG	0	0%	220	0	0	76	U	73	U	440	U	350	U	370	U
hlorophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
ethylphenol	UG/KG	0	0%	900	0	0	76	U	73	U	440	U	350	U	370	U
troaniline	UG/KG	0	0%		0	0	76	U	180	U	1100	U	860	U	890	U
trophenol	UG/KG	0	0%	100	0	0	76	U	180	U	1100	U	860	U	890	U
naphthene	UG/KG	88	3%	50000	0	2	76	U	73	U	440	U	350	U	370	U
naphthylene	UG/KG	170	4%	41000	0	3	76	U	73	U	440	U	350	U	370	U
racene	UG/KG	340	4%	50000	0	3	76	U	73	U	440	U	350	U	370	U
zo(a)anthracene	UG/KG	1100	7%	224	2	5	76	U	73	U	440	U	350	U	370	U
zo(a)pyrene	UG/KG	880	8%	61	2	6	76	U	73	U	440	U	350	U	370	U
zo(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	U	73	U	440	U	350	U	20	J
zo(ghi)perylene	UG/KG	270	3%	50000	0	2	76	U	73	U	440	U	350	U	370	U
zo(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	U	73	U	440	U	350	U	19	J
2-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
2-Chloroethyl)ether	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37	U	73	U						
2-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	U	73	U	440	U	350	U	19	UR
lbenzylphthalate	UG/KG	120	1%	50000	0	1	76	U	73	U	440	U	350	U	370	UR
bazole	UG/KG	160	1%		0	1	76	U	73	U	440	U	350	U	370	U
sene	UG/KG	1000	11%	400	2	8	76	U	73	U	440	U	350	U	20	J
-butylphthalate	UG/KG	63	24%	8100	0	18	76	U	73	U	51	J	35	J	370	UR
-octylphthalate	UG/KG	37	21%	50000	0	16	76	U	11	J	440	U	350	U	370	U
nz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	U	73	U	440	U	350	U	370	U
nzofuran	UG/KG	33	1%	6200	0	1	76	U	73	U	440	U	350	U	370	U
hyl phthalate	UG/KG	0	0%	7100	0	0	76	U	73	U	440	U	350	U	370	U
ethylphthalate	UG/KG	0	0%	2000	0	0	76	U	73	U	440	U	350	U	370	U
ranthene	UG/KG	2400	11%	50000	0	8	76	U	73	U	440	U	350	U	22	J
rene	UG/KG	330	4%	50000	0	3	76	U	73	U	440	U	350	U	370	U
achlorobenzene	UG/KG	0	0%	410	0	0	76	U	73	U	440	U	350	U	370	U
achlorobutadiene	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
achlorocyclopentadiene	UG/KG	0	0%		0	0	76	UJ	73	U	440	U	350	U	370	U
achloroethane	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
no(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	U	73	U	440	U	350	U	370	U
horone	UG/KG	0	0%	4400	0	0	76	U	73	U	440	U	350	U	370	U
itrosodiphenylamine	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
itrosodipropylamine	UG/KG	0	0%		0	0	76	U	73	U	440	U	350	U	370	U
hthalene	UG/KG	130	3%	13000	0	2	76	U	73	U	440	U	350	U	370	U
benzene	UG/KG	0	0%	200	0	0	76	U	73	U	440	U	350	U	370	U
tachlorophenol	UG/KG	0	0%	1000	0	0	76	U	180	U	1100	U	860	U	890	U
nanthrene	UG/KG	1400	8%	50000	0	6	76	U	73	U	440	U	350	U	370	U
nol	UG/KG	0	0%	30	0	0	76	U	73	U	440	U	350	U	370	U
ene	UG/KG	1800	9%	50000	0	7	76	U	73	U	440	U	350	U	19	J

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Subsurface Soil Sample Results
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								Step 1	RI Phase 1 Step 1		ESI		ESI		ESI	
									SB4-27		SB4-6		SB4-6		SB4-7	
									SOIL		SOIL		SOIL		SOIL	
									2		0		2		0	
									2.5		2		4		2	
	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		12/21/1998		12/6/1993		12/6/1993		12/5/1993	
									43127		SB4-6-1		SB4-6-2		SB4-7-1	
									SA		SA		SA		SA	
									N		N		N		N	
tiles																
aromatics																
5-Trinitrobenzene	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
Dinitrobenzene	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
6-Trinitrotoluene	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
Dinitrotoluene	UG/KG	0	0%	1000	0	0	76	U	120	U	130	U	130	U	130	U
trotoluene	UG/KG	0	0%		0	0	37	U	120	U						
nino-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
trotoluene	UG/KG	0	0%		0	0	37	U	120	U						
trotoluene	UG/KG	0	0%		0	0	37	U	120	U						
nino-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
X	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
obenzene	UG/KG	0	0%	200	0	0	37	U	120	U						
X	UG/KG	0	0%		0	0	76	U	120	U	130	U	130	U	130	U
yl	UG/KG	67	1%		0	1	76	U	120	U	130	U	130	U	130	U
ticides/PCBs																
DDD	UG/KG	0	0%	2900	0	0	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
DDE	UG/KG	21	4%	2100	0	3	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	J
DDT	UG/KG	2.9	1%	2100	0	1	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
in	UG/KG	8.2	1%	41	0	1	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
a-BHC	UG/KG	0	0%	110	0	0	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
a-Chlordane	UG/KG	10	1%		0	1	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
clor-1016	UG/KG	0	0%		0	0	76	U	37	U	44	UJ	35	UJ	36	U
clor-1221	UG/KG	0	0%		0	0	76	U	74	U	89	UJ	72	UJ	73	U
clor-1232	UG/KG	0	0%		0	0	76	U	37	U	44	UJ	35	UJ	36	U
clor-1242	UG/KG	0	0%		0	0	76	U	37	U	44	UJ	35	UJ	36	U
clor-1248	UG/KG	27	1%		0	1	76	U	37	U	44	UJ	35	UJ	36	U
clor-1254	UG/KG	1600	5%	10000	0	4	76	U	37	U	44	UJ	35	UJ	36	U
clor-1260	UG/KG	0	0%	10000	0	0	76	U	37	U	44	UJ	35	UJ	36	U
a-BHC	UG/KG	1.4	1%	200	0	1	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
a-BHC	UG/KG	5.9	1%	300	0	1	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
drin	UG/KG	0	0%	44	0	0	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
osulfan I	UG/KG	11	1%	900	0	1	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
osulfan II	UG/KG	0	0%	900	0	0	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
osulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
rin	UG/KG	34	1%	100	0	1	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
rin aldehyde	UG/KG	3.7	1%		0	1	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
rin ketone	UG/KG	0	0%		0	0	76	U	3.7	U	4.4	UJ	3.5	UJ	3.6	U
mma-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
mma-Chlordane	UG/KG	0	0%	540	0	0	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
ptachlor	UG/KG	0	0%	100	0	0	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
ptachlor epoxide	UG/KG	0	0%	20	0	0	76	U	1.9	U	2.3	UJ	1.8	UJ	1.9	U
thoxychlor	UG/KG	0	0%		0	0	76	U	19	U	23	UJ	18	UJ	19	U
xaphene	UG/KG	0	0%		0	0	76	U	190	U	230	UJ	180	UJ	190	U
bicides																
5-T	UG/KG	0	0%	1900	0	0	39				6.7	U	5.4	U	5.5	U
5-TP/Silvex	UG/KG	0	0%	700	0	0	39				6.7	U	5.4	U	5.5	U
D	UG/KG	0	0%	500	0	0	39				67	U	54	U	55	U
DB	UG/KG	0	0%		0	0	39				67	U	54	U	55	U
apon	UG/KG	0	0%		0	0	39				160	U	130	U	140	U

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								Step 1	RI Phase 1 Step 1		ESI		ESI		ESI	
									SB4-27		SB4-6		SB4-6		SB4-7	
									SOIL		SOIL		SOIL		SOIL	
									2		0		2		0	
									2.5		2		4		2	
			FREQUENCY		NUMBER	NUMBER	NUMBER		12/21/1998		12/6/1993		12/6/1993		12/5/1993	
			OF		ABOVE	OF	OF		43127		SB4-6-1		SB4-6-2		SB4-7-1	
	UNIT	MAXIMUM	DETECTION	TAGM	TAGM	DETECTS	ANALYSES		SA		SA		SA		SA	
									N		N		N		N	
atiles	UG/KG	23	3%		0	1	39				6.7	U	5.4	U	5.5	U
hloroprop	UG/KG	0	0%		0	0	39				67	U	54	U	55	U
oseb	UG/KG	0	0%		0	0	39				34	U	27	U	28	U
PA	UG/KG	0	0%		0	0	39				6700	U	5400	U	5500	U
PP	UG/KG	0	0%		0	0	39				6700	U	5400	U	5500	U
tals																
minum	MG/KG	21000	100%	19520	3	76	76		12100		17100		12800		14600	
imony	MG/KG	57.8	28%	6	10	21	76	UJ	0.8	R	4.8	UJ	4	UJ	[redacted]	J
enic	MG/KG	21.5	100%	8.9	4	76	76		4.3		7.3		5.5		5.1	
ium	MG/KG	133	100%	300	0	76	76		68.4		132		37.1	J	61.5	
yilium	MG/KG	1	99%	1.13	0	75	76	J	0.54	J	0.96	J	0.64	J	0.62	J
dmium	MG/KG	1.5	4%	2.46	0	3	76	U	0.1	U	0.46	U	0.39	U	0.39	U
lcium	MG/KG	102000	100%	125300	0	76	76		47800		3750		12400		38600	
romium	MG/KG	3820	80%	30	17	61	76		19.5		25.7		24.4		25.4	R
balt	MG/KG	29.1	100%	30	0	76	76		9.1	J	12.5		14.9		12.7	
pper	MG/KG	2250	100%	33	14	76	76		22.3		25.7		19.5		27.5	J
anide	MG/KG	0	0%	0.35	0	0	76	U	0.58	U	0.6	U	0.52	U	0.5	U
n	MG/KG	40900	100%	37410	6	76	76		24300		28600		28600		29400	
ad	MG/KG	251	100%	24.4	6	76	76		10.5	J	18.8	J	11	J	16.6	J
gnesium	MG/KG	32000	100%	21700	3	76	76		8940		4560		5820		6650	
nganese	MG/KG	2100	78%	1100	5	59	76		288		1260	R	415	R	622	
rcury	MG/KG	0.12	45%	0.1	1	34	76	UJ	0.05	J	0.08	J	0.02	J	0.03	J
kel	MG/KG	62.3	100%	50	8	76	76		28.1		35.2		39.3		40.2	
tassium	MG/KG	2490	100%	2623	0	76	76		1460		2000		1250		1420	
lenium	MG/KG	0.86	33%	2	0	25	76	U	0.74	U	0.86	J	0.12	U	0.36	J
ver	MG/KG	1.2	8%	0.8	4	6	76	U	0.21	U	[redacted]	J	0.78	U	0.79	U
dium	MG/KG	134	61%	188	0	46	76	U	53.7	U	43.7	U	49.1	J	100	J
allium	MG/KG	0	0%	0.855	0	0	76	U	0.64	U	0.24	U	0.2	U	0.13	U
nadium	MG/KG	31	100%	150	0	76	76		20.3		29		18.5		23.4	
c	MG/KG	1010	100%	115	12	76	76	J	62.9	J	87.4		91.5		93.2	

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									ESI SB4-7 SOIL 6 8 12/5/1993 SB4-7-4 SA N		ESI SB4-8 SOIL 0 2 12/5/1993 SB4-8-1 SA N		ESI SB4-8 SOIL 2 4 12/5/1993 SB4-8-2 SA N		ESI SB4-8 SOIL 4 6 12/5/1993 SB4-8-3 SA N	
	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES									
iles																
Trichloroethane	UG/KG	0	0%	800	0	0	76	U	11	U	12	U	12	U	11	U
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	11	U	12	U	12	U	11	U
Trichloroethane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
ichloroethane	UG/KG	0	0%	200	0	0	76	U	11	U	12	U	12	U	11	U
ichloroethene	UG/KG	0	0%	400	0	0	76	U	11	U	12	U	12	U	11	U
ichloroethane	UG/KG	0	0%	100	0	0	76	U	11	U	12	U	12	U	11	U
ichloroethene (total)	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
ichloropropane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
ne	UG/KG	31	9%	200	0	7	76	U	11	U	12	U	12	U	11	U
ene	UG/KG	0	0%	60	0	0	76	U	11	U	12	U	12	U	11	U
odichloromethane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
oform	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
on disulfide	UG/KG	0	0%	2700	0	0	76	U	11	U	12	U	12	U	11	U
on tetrachloride	UG/KG	0	0%	600	0	0	76	U	11	U	12	U	12	U	11	U
obenzene	UG/KG	0	0%	1700	0	0	76	U	11	U	12	U	12	U	11	U
odibromomethane	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
oethane	UG/KG	0	0%	1900	0	0	76	U	11	U	12	U	12	U	11	U
oform	UG/KG	15	8%	300	0	6	76	U	11	U	12	U	14		2	J
3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
benzene	UG/KG	1	1%	5500	0	1	76	U	11	U	12	U	12	U	11	U
l bromide	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
l butyl ketone	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
l chloride	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
l ethyl ketone	UG/KG	0	0%	300	0	0	76	U	11	U	12	U	12	U	11	U
l isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	11	U	12	U	12	U	11	U
lene chloride	UG/KG	2	3%	100	0	2	76	U	11	U	12	U	12	U	11	U
ne	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
chloroethene	UG/KG	0	0%	1400	0	0	76	U	11	U	12	U	12	U	11	U
ne	UG/KG	13	28%	1500	0	21	76	U	11	U	12	U	12	U	11	U
Xylenes	UG/KG	8	4%	1200	0	3	76	U	11	U	12	U	12	U	11	U
-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	11	U	12	U	12	U	11	U
oroethene	UG/KG	0	0%	700	0	0	76	U	11	U	12	U	12	U	11	U
chloride	UG/KG	0	0%	200	0	0	76	U	11	U	12	U	12	U	11	U
volatile Organics																
Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	U	360	U	380	U	380	U	360	U
ichlorobenzene	UG/KG	0	0%	7900	0	0	76	U	360	U	380	U	380	U	360	U
ichlorobenzene	UG/KG	0	0%	1600	0	0	76	U	360	U	380	U	380	U	360	U
ichlorobenzene	UG/KG	0	0%	8500	0	0	76	U	360	U	380	U	380	U	360	U
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	39	U	360	U	380	U	380	U	360	U
Trichlorophenol	UG/KG	0	0%	100	0	0	76	U	870	U	930	U	930	U	880	U
Trichlorophenol	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
ichlorophenol	UG/KG	0	0%	400	0	0	76	U	360	U	380	U	380	U	360	U
imethylphenol	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
initrophenol	UG/KG	0	0%	200	0	0	76	U	870	U	930	U	930	U	900	U
initrotoluene	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	370	U
initrotoluene	UG/KG	0	0%	1000	0	0	76	U	360	U	380	U	380	U	360	U
oronaphthalene	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
orophenol	UG/KG	0	0%	800	0	0	76	U	360	U	380	U	380	U	360	U
thylnaphthalene	UG/KG	260	4%	36400	0	3	76	U	360	U	380	U	380	U	360	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-7 SOIL 6 8 12/5/1993 SB4-7-4 SA N		ESI SB4-8 SOIL 0 2 12/5/1993 SB4-8-1 SA N		ESI SB4-8 SOIL 2 4 12/5/1993 SB4-8-2 SA N		ESI SB4-8 SOIL 4 6 12/5/1993 SB4-8-3 SA N	
ethylphenol	UG/KG	0	0%	100	0	0	76	U	360	U	380	U	380	U	360	U
roaniline	UG/KG	0	0%	430	0	0	76	U	870	U	930	U	930	U	880	U
rophenol	UG/KG	0	0%	330	0	0	76	U	360	U	380	U	380	U	360	U
Dichlorobenzidine	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	370	U
roaniline	UG/KG	0	0%	500	0	0	76	U	870	U	930	U	930	U	880	U
Dinitro-2-methylphenol	UG/KG	0	0%		0	0	76	U	870	U	930	U	930	U	900	U
omophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	370	U
loro-3-methylphenol	UG/KG	0	0%	240	0	0	76	U	360	U	380	U	380	U	360	U
loroaniline	UG/KG	0	0%	220	0	0	76	U	360	U	380	U	380	U	360	U
lorophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	370	U
ethylphenol	UG/KG	0	0%	900	0	0	76	U	360	U	380	U	380	U	360	U
roaniline	UG/KG	0	0%		0	0	76	U	870	U	930	U	930	U	900	U
rophenol	UG/KG	0	0%	100	0	0	76	U	870	U	930	U	930	U	900	U
naphthene	UG/KG	88	3%	50000	0	2	76	U	360	U	380	U	380	U	360	U
naphthylene	UG/KG	170	4%	41000	0	3	76	U	360	U	380	U	380	U	360	U
racene	UG/KG	340	4%	50000	0	3	76	U	360	U	380	U	380	U	370	U
zo(a)anthracene	UG/KG	1100	7%	224	2	5	76	U	360	U	380	U	380	U	370	U
zo(a)pyrene	UG/KG	880	8%	61	2	6	76	U	360	U	380	U	380	U	370	U
zo(b)fluoranthene	UG/KG	730	9%	1100	0	7	76	U	360	U	380	U	380	U	370	U
zo(ghi)perylene	UG/KG	270	3%	50000	0	2	76	U	360	U	380	U	380	U	370	U
zo(k)fluoranthene	UG/KG	890	5%	1100	0	4	76	U	360	U	380	U	380	U	370	U
2-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
2-Chloroethyl)ether	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
2-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37									
2-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	UR	360	UR	380	UR	380	UR	18	UR
lbenzylphthalate	UG/KG	120	1%	50000	0	1	76	UR	360	UR	380	UR	380	UR	370	UR
nazole	UG/KG	160	1%		0	1	76	U	360	U	380	U	380	U	370	U
sene	UG/KG	1000	11%	400	2	8	76	U	360	U	380	U	380	U	370	U
-butylphthalate	UG/KG	63	24%	8100	0	18	76	UR	360	UR	380	UR	380	UR	370	UR
-octylphthalate	UG/KG	37	21%	50000	0	16	76	U	360	U	380	U	380	U	370	U
nz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	U	360	U	380	U	380	U	370	U
nzofuran	UG/KG	33	1%	6200	0	1	76	U	360	U	380	U	380	U	370	U
hyl phthalate	UG/KG	0	0%	7100	0	0	76	U	360	U	380	U	380	U	370	U
ethylphthalate	UG/KG	0	0%	2000	0	0	76	U	360	U	380	U	380	U	360	U
ranthene	UG/KG	2400	11%	50000	0	8	76	U	360	U	380	U	380	U	370	U
rene	UG/KG	330	4%	50000	0	3	76	U	360	U	380	U	380	U	370	U
achlorobenzene	UG/KG	0	0%	410	0	0	76	U	360	U	380	U	380	U	370	U
achlorobutadiene	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
achlorocyclopentadiene	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
achloroethane	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
no(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	U	360	U	380	U	380	U	370	U
horone	UG/KG	0	0%	4400	0	0	76	U	360	U	380	U	380	U	360	U
trosodiphenylamine	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	370	U
trosodipropylamine	UG/KG	0	0%		0	0	76	U	360	U	380	U	380	U	360	U
nthalene	UG/KG	130	3%	13000	0	2	76	U	360	U	380	U	380	U	360	U
benzene	UG/KG	0	0%	200	0	0	76	U	360	U	380	U	380	U	360	U
achlorophenol	UG/KG	0	0%	1000	0	0	76	U	870	U	930	U	930	U	900	U
nanthrene	UG/KG	1400	8%	50000	0	6	76	U	360	U	380	U	380	U	370	U
nol	UG/KG	0	0%	30	0	0	76	U	360	U	380	U	380	U	360	U
ne	UG/KG	1800	9%	50000	0	7	76	U	360	U	380	U	380	U	370	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-7 SOIL 6 8 12/5/1993 SB4-7-4 SA N		ESI SB4-8 SOIL 0 2 12/5/1993 SB4-8-1 SA N		ESI SB4-8 SOIL 2 4 12/5/1993 SB4-8-2 SA N		ESI SB4-8 SOIL 4 6 12/5/1993 SB4-8-3 SA N	
matics																
Trinitrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
nitrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
Trinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
nitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
nitrotoluene	UG/KG	0	0%	1000	0	0	76	U	130	U	130	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37									
no-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37									
otoluene	UG/KG	0	0%		0	0	37									
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
enzene	UG/KG	0	0%	200	0	0	37									
	UG/KG	0	0%		0	0	76	U	130	U	130	U	130	U	130	U
	UG/KG	67	1%		0	1	76	U	130	U	130	U	130	U	130	U
cides/PCBs																
DD	UG/KG	0	0%	2900	0	0	76	U	3.5	U	3.8	U	3.8	U	3.6	U
DE	UG/KG	21	4%	2100	0	3	76	U	3.5	U	3.8	U	3.8	U	3.6	U
DT	UG/KG	2.9	1%	2100	0	1	76	U	3.5	U	3.8	U	3.8	U	3.6	U
	UG/KG	8.2	1%	41	0	1	76	U	1.8	U	2	U	1.9	U	1.9	U
-BHC	UG/KG	0	0%	110	0	0	76	U	1.8	U	2	U	1.9	U	1.9	U
-Chlordane	UG/KG	10	1%		0	1	76	U	1.8	U	2	U	1.9	U	1.9	U
or-1016	UG/KG	0	0%		0	0	76	U	35	U	38	U	38	U	36	U
or-1221	UG/KG	0	0%		0	0	76	U	72	U	77	U	77	U	74	U
or-1232	UG/KG	0	0%		0	0	76	U	35	U	38	U	38	U	36	U
or-1242	UG/KG	0	0%		0	0	76	U	35	U	38	U	38	U	36	U
or-1248	UG/KG	27	1%		0	1	76	U	35	U	38	U	38	U	36	U
or-1254	UG/KG	1600	5%	10000	0	4	76	U	35	U	38	U	38	U	36	U
or-1260	UG/KG	0	0%	10000	0	0	76	U	35	U	38	U	38	U	36	U
BHC	UG/KG	1.4	1%	200	0	1	76	U	1.8	U	2	U	1.9	U	1.9	U
-BHC	UG/KG	5.9	1%	300	0	1	76	U	1.8	U	2	U	1.9	U	1.9	U
rin	UG/KG	0	0%	44	0	0	76	U	3.5	U	3.8	U	3.8	U	3.6	U
sulfan I	UG/KG	11	1%	900	0	1	76	U	1.8	U	2	U	1.9	U	1.9	U
sulfan II	UG/KG	0	0%	900	0	0	76	U	3.5	U	3.8	U	3.8	U	3.6	U
sulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	3.5	U	3.8	U	3.8	U	3.6	U
n	UG/KG	34	1%	100	0	1	76	U	3.5	U	3.8	U	3.8	U	3.6	U
n aldehyde	UG/KG	3.7	1%		0	1	76	U	3.5	U	3.8	U	3.8	U	3.6	U
n ketone	UG/KG	0	0%		0	0	76	U	3.5	U	3.8	U	3.8	U	3.6	U
ma-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	1.8	U	2	U	1.9	U	1.9	U
ma-Chlordane	UG/KG	0	0%	540	0	0	76	U	1.8	U	2	U	1.9	U	1.9	U
achlor	UG/KG	0	0%	100	0	0	76	U	1.8	U	2	U	1.9	U	1.9	U
achlor epoxide	UG/KG	0	0%	20	0	0	76	U	1.8	U	2	U	1.9	U	1.9	U
oxychlor	UG/KG	0	0%		0	0	76	U	18	U	20	U	19	U	19	U
phene	UG/KG	0	0%		0	0	76	U	180	U	200	U	190	U	190	U
icides																
-T	UG/KG	0	0%	1900	0	0	39	U	5.5	U	5.8	U	5.8	U	5.6	U
-TP/Silvex	UG/KG	0	0%	700	0	0	39	U	5.5	U	5.8	U	5.8	U	5.6	U
	UG/KG	0	0%	500	0	0	39	U	55	U	58	U	58	U	56	U
DB	UG/KG	0	0%		0	0	39	U	55	U	58	U	58	U	56	U
oon	UG/KG	0	0%		0	0	39	U	130	U	140	U	140	U	140	U

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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-7 SOIL 6 8 12/5/1993 SB4-7-4 SA N		ESI SB4-8 SOIL 0 2 12/5/1993 SB4-8-1 SA N		ESI SB4-8 SOIL 2 4 12/5/1993 SB4-8-2 SA N		ESI SB4-8 SOIL 4 6 12/5/1993 SB4-8-3 SA N	
~~ides~~	UG/KG	23	3%		0	1	39	U	5.5	U	5.8	U	5.8	U	5.6	U
oproprop	UG/KG	0	0%		0	0	39	U	55	U	58	U	58	U	56	U
eb	UG/KG	0	0%		0	0	39	U	28	U	29	U	29	U	28	U
A	UG/KG	0	0%		0	0	39	U	5500	U	5800	U	5800	U	5600	U
P	UG/KG	0	0%		0	0	39	U	5500	U	5800	U	5800	U	5600	U
ls																
num	MG/KG	21000	100%	19520	3	76	76		8410		13300		16700		9180	
ony	MG/KG	57.8	28%	6	10	21	76	J	3	J	2.7	UJ	4.2	UJ	2.5	UJ
ic	MG/KG	21.5	100%	8.9	4	76	76		5.7		5.6		5.1		4.9	
m	MG/KG	133	100%	300	0	76	76		45.4		69.4		116		63.5	
ium	MG/KG	1	99%	1.13	0	75	76	J	0.38	J	0.65		0.72	J	0.37	J
nium	MG/KG	1.5	4%	2.46	0	3	76	U	0.29	U	0.27	J	0.41	U	0.24	U
um	MG/KG	102000	100%	125300	0	76	76		87500		25200		9320		77000	
mium	MG/KG	3820	80%	30	17	61	76	R	14	R	21.4	R	24.9	R	14.1	R
lt	MG/KG	29.1	100%	30	0	76	76		8.3		11.7		15.3		7.9	
er	MG/KG	2250	100%	33	14	76	76	J	19.5	J	25.6	J	21.6	J	21.1	J
ide	MG/KG	0	0%	0.35	0	0	76	U	0.51	U	0.57	U	0.58	U	0.52	U
	MG/KG	40900	100%	37410	6	76	76		19100		25900		29700		18500	
	MG/KG	251	100%	24.4	6	76	76	J	16.6	J	19.7	J	10.3	J	[redacted]	
esium	MG/KG	32000	100%	21700	3	76	76		11900		6380		5870		17700	
ganese	MG/KG	2100	78%	1100	5	59	76		383		418		[redacted]		420	
ury	MG/KG	0.12	45%	0.1	1	34	76	U	0.03	U	0.03	J	0.03	J	0.01	U
el	MG/KG	62.3	100%	50	8	76	76		22.3		31.7		37.3		23.1	
ssium	MG/KG	2490	100%	2623	0	76	76		1030		1470		2090		1380	
nium	MG/KG	0.86	33%	2	0	25	76	UJ	0.1	UJ	0.42	J	0.53	J	0.22	J
r	MG/KG	1.2	8%	0.8	4	6	76	U	0.57	U	0.52	U	0.82	U	0.48	U
um	MG/KG	134	61%	188	0	46	76	J	133	J	64.4	J	53.3	J	134	J
ium	MG/KG	0	0%	0.855	0	0	76	U	0.17	U	0.19	U	0.26	U	0.14	U
dium	MG/KG	31	100%	150	0	76	76		13		22		28.7		14.8	
	MG/KG	1010	100%	115	12	76	76		84		71.7		73.9		58.5	

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Subsurface Soil Sample Results
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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-9 SOIL 2 4 12/5/1993 SB4-9-2 SA N		ESI SB4-9 SOIL 4 6 12/5/1993 SB4-9-3 SA N	
ies												
Trichloroethane	UG/KG	0	0%	800	0	0	76	U	12	U	11	U
2-Tetrachloroethane	UG/KG	0	0%	600	0	0	76	U	12	U	11	U
Trichloroethane	UG/KG	0	0%		0	0	76	U	12	U	11	U
chloroethane	UG/KG	0	0%	200	0	0	76	U	12	U	11	U
chloroethene	UG/KG	0	0%	400	0	0	76	U	12	U	11	U
chloroethane	UG/KG	0	0%	100	0	0	76	U	12	U	11	U
chloroethene (total)	UG/KG	0	0%		0	0	76	U	12	U	11	U
chloropropane	UG/KG	0	0%		0	0	76	U	12	U	11	U
ne	UG/KG	31	9%	200	0	7	76	U	12	U	11	U
ne	UG/KG	0	0%	60	0	0	76	U	12	U	11	U
odichloromethane	UG/KG	0	0%		0	0	76	U	12	U	11	U
form	UG/KG	0	0%		0	0	76	U	12	U	11	U
n disulfide	UG/KG	0	0%	2700	0	0	76	U	12	U	11	U
n tetrachloride	UG/KG	0	0%	600	0	0	76	U	12	U	11	U
obenzene	UG/KG	0	0%	1700	0	0	76	U	12	U	11	U
odibromomethane	UG/KG	0	0%		0	0	76	U	12	U	11	U
ethane	UG/KG	0	0%	1900	0	0	76	U	12	U	11	U
form	UG/KG	15	8%	300	0	6	76	U	2	J	3	J
3-Dichloropropene	UG/KG	0	0%		0	0	76	U	12	U	11	U
benzene	UG/KG	1	1%	5500	0	1	76	U	12	U	11	U
l bromide	UG/KG	0	0%		0	0	76	U	12	U	11	U
l butyl ketone	UG/KG	0	0%		0	0	76	U	12	U	11	U
l chloride	UG/KG	0	0%		0	0	76	U	12	U	11	U
l ethyl ketone	UG/KG	0	0%	300	0	0	76	U	12	U	11	U
l isobutyl ketone	UG/KG	0	0%	1000	0	0	76	U	12	U	11	U
lene chloride	UG/KG	2	3%	100	0	2	76	U	12	U	11	U
ne	UG/KG	0	0%		0	0	76	U	12	U	11	U
chloroethene	UG/KG	0	0%	1400	0	0	76	U	12	U	11	U
ne	UG/KG	13	28%	1500	0	21	76	U	12	U	11	U
Xylenes	UG/KG	8	4%	1200	0	3	76	U	12	U	11	U
-1,3-Dichloropropene	UG/KG	0	0%		0	0	76	U	12	U	11	U
oroethene	UG/KG	0	0%	700	0	0	76	U	12	U	11	U
chloride	UG/KG	0	0%	200	0	0	76	U	12	U	11	U
volatile Organics												
Trichlorobenzene	UG/KG	0	0%	3400	0	0	76	U	400	U	350	U
chlorobenzene	UG/KG	0	0%	7900	0	0	76	U	400	U	350	U
chlorobenzene	UG/KG	0	0%	1600	0	0	76	U	400	U	350	U
chlorobenzene	UG/KG	0	0%	8500	0	0	76	U	400	U	350	U
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	39	U	400	U	350	U
Trichlorophenol	UG/KG	0	0%	100	0	0	76	U	980	U	860	U
Trichlorophenol	UG/KG	0	0%		0	0	76	U	400	U	350	U
chlorophenol	UG/KG	0	0%	400	0	0	76	U	400	U	350	U
methylphenol	UG/KG	0	0%		0	0	76	U	400	U	350	U
nitrophenol	UG/KG	0	0%	200	0	0	76	U	980	U	860	U
nitrotoluene	UG/KG	0	0%		0	0	76	U	400	U	350	U
nitrotoluene	UG/KG	0	0%	1000	0	0	76	U	400	U	350	U
oronaphthalene	UG/KG	0	0%		0	0	76	U	400	U	350	U
orophenol	UG/KG	0	0%	800	0	0	76	U	400	U	350	U
hylnaphthalene	UG/KG	260	4%	36400	0	3	76	U	400	U	350	U

Seneca Army Depot
SEAD-4 Remedial Investigation
Subsurface Soil Sample Results
1

	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-9 SOIL 2 4 12/5/1993 SB4-9-2 SA N		ESI SB4-9 SOIL 4 6 12/5/1993 SB4-9-3 SA N	
ilor phenol	UG/KG	0	0%	100	0	0	76	U	400	U	350	U
oaniline	UG/KG	0	0%	430	0	0	76	U	980	U	860	U
ophenol	UG/KG	0	0%	330	0	0	76	U	400	U	350	U
ichlorobenzidine	UG/KG	0	0%		0	0	76	U	400	U	350	U
oaniline	UG/KG	0	0%	500	0	0	76	U	980	U	860	U
initro-2-methylphenol	UG/KG	0	0%		0	0	76	U	980	U	860	U
mophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	400	U	350	U
oro-3-methylphenol	UG/KG	0	0%	240	0	0	76	U	400	U	350	U
oroaniline	UG/KG	0	0%	220	0	0	76	U	400	U	350	U
orophenyl phenyl ether	UG/KG	0	0%		0	0	76	U	400	U	350	U
thylphenol	UG/KG	0	0%	900	0	0	76	U	400	U	350	U
oaniline	UG/KG	0	0%		0	0	76	U	980	U	860	U
ophenol	UG/KG	0	0%	100	0	0	76	U	980	U	860	U
aphthene	UG/KG	88	3%	50000	0	2	76	J	400	U	350	U
aphthylene	UG/KG	170	4%	41000	0	3	76	J	400	U	350	U
acene	UG/KG	340	4%	50000	0	3	76	J	400	U	350	U
o(a)anthracene	UG/KG	1100	7%	224	2	5	76		400	U	350	U
o(a)pyrene	UG/KG	880	8%	61	2	6	76		400	U	350	U
o(b)fluoranthene	UG/KG	730	9%	1100	0	7	76		400	U	350	U
o(ghi)perylene	UG/KG	270	3%	50000	0	2	76	J	400	U	350	U
o(k)fluoranthene	UG/KG	890	5%	1100	0	4	76		400	U	350	U
-Chloroethoxy)methane	UG/KG	0	0%		0	0	76	U	400	U	350	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	76	U	400	U	350	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	37					
-Ethylhexyl)phthalate	UG/KG	2000	11%	50000	0	8	76	JR	23	UR	19	JR
benzylphthalate	UG/KG	120	1%	50000	0	1	76	UR	400	UR	350	UR
azole	UG/KG	160	1%		0	1	76	J	400	U	350	U
sene	UG/KG	1000	11%	400	2	8	76		400	U	350	U
butylphthalate	UG/KG	63	24%	8100	0	18	76	JR	400	U	350	UR
octylphthalate	UG/KG	37	21%	50000	0	16	76	U	400	U	350	U
nz(a,h)anthracene	UG/KG	48	1%	14	1	1	76	U	400	U	350	U
nzofuran	UG/KG	33	1%	6200	0	1	76	J	400	U	350	U
yl phthalate	UG/KG	0	0%	7100	0	0	76	U	400	U	350	U
thylphthalate	UG/KG	0	0%	2000	0	0	76	U	400	U	350	U
anthene	UG/KG	2400	11%	50000	0	8	76		400	U	350	U
ene	UG/KG	330	4%	50000	0	3	76	J	400	U	350	U
chlorobenzene	UG/KG	0	0%	410	0	0	76	U	400	U	350	U
chlorobutadiene	UG/KG	0	0%		0	0	76	U	400	U	350	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	76	U	400	U	350	U
chloroethane	UG/KG	0	0%		0	0	76	U	400	U	350	U
o(1,2,3-cd)pyrene	UG/KG	260	3%	3200	0	2	76	J	400	U	350	U
orone	UG/KG	0	0%	4400	0	0	76	U	400	U	350	U
rosodiphenylamine	UG/KG	0	0%		0	0	76	U	400	U	350	U
rosodipropylamine	UG/KG	0	0%		0	0	76	U	400	U	350	U
thalene	UG/KG	130	3%	13000	0	2	76	U	400	U	350	U
benzene	UG/KG	0	0%	200	0	0	76	U	400	U	350	U
achlorophenol	UG/KG	0	0%	1000	0	0	76	U	980	U	860	U
anthrene	UG/KG	1400	8%	50000	0	6	76		400	U	350	U
ol	UG/KG	0	0%	30	0	0	76	U	400	U	350	U
ne	UG/KG	1800	9%	50000	0	7	76		400	U	350	U

Seneca Army Depot
SEAD-4 Remedial Investigation
Subsurface Soil Sample Results
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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-9 SOIL 2 4 12/5/1993 SB4-9-2 SA N		ESI SB4-9 SOIL 4 6 12/5/1993 SB4-9-3 SA N	
Aromatics												
Trinitrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U
initrobenzene	UG/KG	0	0%		0	0	76	U	130	U	130	U
Trinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U
initrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U
initrotoluene	UG/KG	0	0%	1000	0	0	76	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37					
no-4,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U
otoluene	UG/KG	0	0%		0	0	37					
otoluene	UG/KG	0	0%		0	0	37					
no-2,6-Dinitrotoluene	UG/KG	0	0%		0	0	76	U	130	U	130	U
	UG/KG	0	0%		0	0	76	U	130	U	130	U
enzene	UG/KG	0	0%	200	0	0	37					
	UG/KG	0	0%		0	0	76	U	130	U	130	U
	UG/KG	67	1%		0	1	76	U	67	J	130	U
cides/PCBs												
DD	UG/KG	0	0%	2900	0	0	76	U	4	U	3.5	U
DE	UG/KG	21	4%	2100	0	3	76	U	4	U	3.5	U
DT	UG/KG	2.9	1%	2100	0	1	76	U	4	U	3.5	U
	UG/KG	8.2	1%	41	0	1	76	U	2.1	U	1.8	U
-BHC	UG/KG	0	0%	110	0	0	76	U	2.1	U	1.8	U
-Chlordane	UG/KG	10	1%		0	1	76	U	2.1	U	1.8	U
or-1016	UG/KG	0	0%		0	0	76	U	40	U	35	U
or-1221	UG/KG	0	0%		0	0	76	U	82	U	71	U
or-1232	UG/KG	0	0%		0	0	76	U	40	U	35	U
or-1242	UG/KG	0	0%		0	0	76	U	40	U	35	U
or-1248	UG/KG	27	1%		0	1	76	U	40	U	35	U
or-1254	UG/KG	1600	5%	10000	0	4	76	U	40	U	35	U
or-1260	UG/KG	0	0%	10000	0	0	76	U	40	U	35	U
BHC	UG/KG	1.4	1%	200	0	1	76	U	2.1	U	1.8	U
-BHC	UG/KG	5.9	1%	300	0	1	76	U	2.1	U	1.8	U
rin	UG/KG	0	0%	44	0	0	76	U	4	U	3.5	U
sulfan I	UG/KG	11	1%	900	0	1	76	U	2.1	U	1.8	U
sulfan II	UG/KG	0	0%	900	0	0	76	U	4	U	3.5	U
sulfan sulfate	UG/KG	0	0%	1000	0	0	76	U	4	U	3.5	U
n	UG/KG	34	1%	100	0	1	76	U	4	U	3.5	U
n aldehyde	UG/KG	3.7	1%		0	1	76	U	4	U	3.5	U
n ketone	UG/KG	0	0%		0	0	76	U	4	U	3.5	U
ma-BHC/Lindane	UG/KG	0	0%	60	0	0	76	U	2.1	U	1.8	U
ma-Chlordane	UG/KG	0	0%	540	0	0	76	U	2.1	U	1.8	U
achlor	UG/KG	0	0%	100	0	0	76	U	2.1	U	1.8	U
achlor epoxide	UG/KG	0	0%	20	0	0	76	U	2.1	U	1.8	U
oxychlor	UG/KG	0	0%		0	0	76	U	21	U	18	U
phene	UG/KG	0	0%		0	0	76	U	210	U	180	U
icides												
-T	UG/KG	0	0%	1900	0	0	39	U	6.1	U	5.4	U
-TP/Silvex	UG/KG	0	0%	700	0	0	39	U	6.1	U	5.4	U
	UG/KG	0	0%	500	0	0	39	U	61	U	54	U
B	UG/KG	0	0%		0	0	39	U	61	U	54	U
oon	UG/KG	0	0%		0	0	39	U	150	U	130	U

Seneca Army Depot
SEAD-4 Remedial Investigation
Subsurface Soil Sample Results
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	UNIT	MAXIMUM	FREQUENCY OF DETECTION	TAGM	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES		ESI SB4-9 SOIL 2 4 12/5/1993 SB4-9-2 SA N		ESI SB4-9 SOIL 4 6 12/5/1993 SB4-9-3 SA N	
atiles	UG/KG	23	3%		0	1	39	U	6.1	U	5.4	U
hloroprop	UG/KG	0	0%		0	0	39	U	61	U	54	U
pseb	UG/KG	0	0%		0	0	39	U	31	U	27	U
PA	UG/KG	0	0%		0	0	39	U	6100	U	5400	U
PP	UG/KG	0	0%		0	0	39	U	6100	U	5400	U
als												
minum	MG/KG	21000	100%	19520	3	76	76		20400		13500	
mony	MG/KG	57.8	28%	6	10	21	76	J	4.1	UJ	3.3	UJ
enic	MG/KG	21.5	100%	8.9	4	76	76		6.5		4.6	
ium	MG/KG	133	100%	300	0	76	76		102		51.3	
yllium	MG/KG	1	99%	1.13	0	75	76	J	0.97		0.69	J
dmium	MG/KG	1.5	4%	2.46	0	3	76	U	0.4	U	0.32	U
cium	MG/KG	102000	100%	125300	0	76	76		2770		2350	
omium	MG/KG	3820	80%	30	17	61	76	R	33.2	R	23.3	R
balt	MG/KG	29.1	100%	30	0	76	76		17.3		14.8	
pper	MG/KG	2250	100%	33	14	76	76	J	24.9	J	11	J
anide	MG/KG	0	0%	0.35	0	0	76	U	0.59	U	0.5	U
	MG/KG	40900	100%	37410	6	76	76		39000		29600	
d	MG/KG	251	100%	24.4	6	76	76	J	12.2	J	6.3	J
gnesium	MG/KG	32000	100%	21700	3	76	76		7870		5950	
nganese	MG/KG	2100	78%	1100	5	59	76		633		252	
cury	MG/KG	0.12	45%	0.1	1	34	76	J	0.03	U	0.02	U
kel	MG/KG	62.3	100%	50	8	76	76		57.1		42.2	
assium	MG/KG	2490	100%	2623	0	76	76		1800		980	
enium	MG/KG	0.86	33%	2	0	25	76	J	0.47	J	0.11	J
er	MG/KG	1.2	8%	0.8	4	6	76	U	0.79	U	0.63	U
lium	MG/KG	134	61%	188	0	46	76	J	44.1	J	39.3	J
llium	MG/KG	0	0%	0.855	0	0	76	U	0.21	U	0.17	U
nadium	MG/KG	31	100%	150	0	76	76		28.4		17.8	
c	MG/KG	1010	100%	115	12	76	76		93.6		80.5	

SEAD-4 Groundwater Chemical Data

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

TE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-1 GROUND WATER MW4-1 5.4 9.4 1/21/1994 SA ESI N		SEAD-4 MW4-1 GROUND WATER 42017 11 11 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-1 GROUND WATER 42031 12.5 12.5 7/7/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42026 8.4 8.4 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42032 10 10 7/7/1999 SA RI Phase 1 Step 1 N	
TILES																	
-Tetrachloroethane	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
Trichloroethane	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
-Tetrachloroethane	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
Trichloroethane	UG/L	0	0%		0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
hloroethane	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
hloroethene	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
hloropropene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
Trichlorobenzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
Trichloropropane	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
Trichlorobenzene	UG/L	0	0%	5	0	0	25			1	U	0.5	UJ	1	U	0.5	U
Trimethylbenzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
romo-3-chloropropane	UG/L	0	0%		0	0	25			1	U	0.5	UJ	1	U	0.5	U
romoethane	UG/L	0	0%		0	0	25			1	U	0.5	UJ	1	U	0.5	U
hlorobenzene	UG/L	0	0%	4.7	0	0	25			1	U	0.5	UJ	1	U	0.5	U
hloroethane	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	UJ	0.5	U
hloroethene (total)	UG/L	0	0%	5	0	0	5	10	U								
hloropropane	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
Trimethylbenzene	UG/L	0	0%		0	0	11					0.5	UJ			2.1	U
hlorobenzene	UG/L	0	0%	5	0	0	25			1	U	0.5	UJ	1	U	0.5	U
hloropropane	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
hlorobenzene	UG/L	0	0%	4.7	0	0	25			1	U	0.5	UJ	1	U	0.5	U
hloropropane	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
rotoluene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
propane	UG/L	0	0%		0	0	11					25	UJ			25	U
e	UG/L	8	3%		0	1	30	10	U	5	U	5	UJ	8		5	U
itrile	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
loride	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
ne	UG/L	2	3%	0.7	1	1	30	10	U	1	U	0.5	UJ	[redacted]		0.5	U
benzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
chloromethane	UG/L	0	0%		0	0	25			1	U	0.5	UJ	1	U	0.5	U
dichloromethane	UG/L	0	0%		0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
form	UG/L	0	0%		0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
hloride	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
n disulfide	UG/L	0	0%		0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
n tetrachloride	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
cetonitrile	UG/L	0	0%		0	0	11					50	UJ			50	U
benzene	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
dibromomethane	UG/L	0	0%		0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
ethane	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
form	UG/L	0	0%	7	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
-Dichloroethene	UG/L	0	0%	5	0	0	25			1	U	0.5	UJ	1	U	0.5	U
-Dichloropropene	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
odifluoromethane	UG/L	0	0%	5	0	0	11					0.5	UJ			0.5	U
omethyl methyl ketone	UG/L	0	0%		0	0	11					25	UJ			25	U
enzene	UG/L	6	3%	5	1	1	30	10	U	1	U	0.5	UJ	[redacted]		0.5	U
ther	UG/L	0	0%	50	0	0	11					0.5	UJ			0.5	U
ethacrylate	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-1 GROUND WATER MW4-1 5.4 9.4 1/21/1994 SA ESI N		SEAD-4 MW4-1 GROUND WATER 42017 11 11 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-1 GROUND WATER 42031 12.5 12.5 7/7/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42026 8.4 8.4 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42032 10 10 7/7/1999 SA RI Phase 1 Step 1 N	
chlorobutadiene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
chloroethane	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
opylbenzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
crylonitrile	UG/L	0	0%		0	0	11					0.5	UJ			0.5	UJ
l 2-propenoate	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
l Tertbutyl Ether	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
l bromide	UG/L	0	0%		0	0	30	10	U	1	U	0.5	UJ	1	UJ	0.5	U
l butyl ketone	UG/L	0	0%		0	0	30	10	U	5	U	5	UJ	5	U	5	U
l chloride	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
l ethyl ketone	UG/L	0	0%	50	0	0	30	10	U	5	U	5	UJ	5	U	5	R
l iodide	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
l isobutyl ketone	UG/L	0	0%		0	0	30	10	U	5	U	2.5	UJ	5	U	2.5	U
l methacrylate	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
lene bromide	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
lene chloride	UG/L	0	0%	5	0	0	30	10	U	2	U	0.5	UJ	2	U	0.5	U
thalene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
enzene	UG/L	0	0%		0	0	11					25	UJ			25	R
Xylene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
chloroethane	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
onitrile	UG/L	0	0%		0	0	11					25	UJ			25	R
lbenzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
ne	UG/L	0	0%		0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
chloroethene	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
hydrofuran	UG/L	0	0%		0	0	11					2.5	UJ			2.5	U
ne	UG/L	0.4	3%	5	0	1	30	10	U	1	U	0.5	UJ	0.4	J	0.5	U
Xylenes	UG/L	4	3%	5	0	1	30	10	U	1	U	0.5	UJ	4		0.5	U
-1,2-Dichloroethene	UG/L	0	0%	5	0	0	25			1	U	0.5	UJ	1	U	0.5	U
-1,3-Dichloropropene	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
-1,4-Dichloro-2-butene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
oroethene	UG/L	0	0%	5	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
orofluoromethane	UG/L	0	0%	5	0	0	11					0.5	UJ			0.5	U
chloride	UG/L	0	0%	2	0	0	30	10	U	1	U	0.5	UJ	1	U	0.5	U
ylbenzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
protoluene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
propyltoluene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
utylbenzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
utylbenzene	UG/L	0	0%		0	0	11					0.5	UJ			0.5	U
VOLATILES																	
Trichlorobenzene	UG/L	0	0%	5	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ichlorobenzene	UG/L	0	0%	4.7	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ichlorobenzene	UG/L	0	0%	5	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ichlorobenzene	UG/L	0	0%	4.7	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
xybis(1-Chloropropane)	UG/L	0	0%		0	0	5	11	U								
Trichlorophenol	UG/L	0	0%		0	0	30	28	U	2.6	U	2.6	U	2.6	U	2.7	U
Trichlorophenol	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ichlorophenol	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
imethylphenol	UG/L	0	0%	5	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
initrophenol	UG/L	0	0%		0	0	30	28	U	2.6	R	2.6	UJ	2.6	UJ	2.7	UJ

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

TE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-1 GROUND WATER MW4-1 5.4 9.4 1/21/1994 SA ESI N		SEAD-4 MW4-1 GROUND WATER 42017 11 11 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-1 GROUND WATER 42031 12.5 12.5 7/7/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42026 8.4 8.4 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42032 10 10 7/7/1999 SA RI Phase 1 Step 1 N	
itrotoluene	UG/L	0	0%	5	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
itrotoluene	UG/L	0	0%	5	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ronaphthalene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
rophenol	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ylnaphthalene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ylphenol	UG/L	0	0%	5	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
aniline	UG/L	0	0%		0	0	30	28	U	2.6	U	2.6	U	2.6	U	2.7	U
phenol	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
chlorobenzidine	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	UJ	1.1	U
aniline	UG/L	0	0%		0	0	30	28	U	2.6	R	2.6	U	2.6	UJ	2.7	U
itro-2-methylphenol	UG/L	0	0%	5	0	0	30	28	U	2.6	U	2.6	U	2.6	UJ	2.7	U
ophenyl phenyl ether	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ro-3-methylphenol	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
roaniline	UG/L	0	0%	5	0	0	30	11	U	1	U	1.1	U	1	UJ	1.1	U
ropheny phenyl ether	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ylphenol	UG/L	2.2	7%	5	0	2	30	11	U	1	U	1.1	U	2.2		0.53	J
aniline	UG/L	0	0%	5	0	0	30	28	U	2.6	U	2.6	U	2.6	U	2.7	U
phenol	UG/L	0	0%		0	0	30	28	U	2.6	U	2.6	R	2.6	U	2.7	R
phthene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
phthylene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
cene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
a)anthracene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
a)pyrene	UG/L	0	0%	10	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
b)fluoranthene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ghi)perylene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
k)fluoranthene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
Chloroethoxy)methane	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
Chloroethyl)ether	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
Chloroisopropyl)ether	UG/L	0	0%		0	0	25			1	U	1.1	U	1	U	1.1	U
Ethylhexyl)phthalate	UG/L	1.1	3%	50	0	1	30	11	U	1	U	1.1	U	4.1	U	1.1	U
enzylphthalate	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
zole	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ne	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
tylphthalate	UG/L	0.15	3%	50	0	1	30	11	U	0.15	J	1.1	U	1	U	1.1	U
ctylphthalate	UG/L	0	0%		0	0	30	11	U	1	U	1.1	UJ	1	U	1.1	UJ
(a,h)anthracene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ofuran	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
phthalate	UG/L	0.9	17%		0	5	30	0.9	J	1	U	1.1	U	1	U	1.1	U
ylphthalate	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
nthene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ne	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
nlorobenzene	UG/L	0	0%	0.35	0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
nlorobutadiene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
nlorocyclopentadiene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	UJ	1	U	1.1	UJ
nloroethane	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
(1,2,3-cd)pyrene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
rone	UG/L	0	0%		0	0	30	11	U	1	U	1.1	UJ	1	U	1.1	UJ
sodiphenylamine	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

ALYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-1 GROUND WATER MW4-1 5.4 9.4 1/21/1994 SA ESI N		SEAD-4 MW4-1 GROUND WATER 42017 11 11 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-1 GROUND WATER 42031 12.5 12.5 7/7/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42026 8.4 8.4 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42032 10 10 7/7/1999 SA RI Phase 1 Step 1 N	
Nitrosodipropylamine	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
phthalene	UG/L	2.2	3%		0	1	30	11	U	1	U	1.1	U	2.2		1.1	U
robenzene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
ntachlorophenol	UG/L	0	0%	1	0	0	30	28	U	2.6	U	2.6	UJ	2.6	U	2.7	UJ
enanthrene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
enol	UG/L	0.4	3%	1	0	1	30	11	U	1	U	1.1	U	1	U	1.1	U
ene	UG/L	0	0%		0	0	30	11	U	1	U	1.1	U	1	U	1.1	U
PLOSIVES																	
,5-Trinitrobenzene	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
-Dinitrobenzene	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
,6-Trinitrotoluene	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
litrotoluene	UG/L	0.87	4%		0	1	27			0.25	U	0.25	U	0.87		0.25	U
mino-4,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
litrotoluene	UG/L	2.6	4%		0	1	27			0.25	U	0.25	U	2.6		0.25	U
litrotoluene	UG/L	10	4%		0	1	27			0.25	U	0.25	U	10		0.25	U
mino-2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
IX	UG/L	0	0%		0	0	32	1.1	U	0.25	U	0.25	U	0.25	U	0.25	U
robenzene	UG/L	0.89	4%		0	1	27			0.25	U	0.25	U	0.89		0.25	U
X	UG/L	0	0%		0	0	32	0.13	U	0.25	U	0.25	U	0.25	U	0.25	U
ryl	UG/L	0	0%	5	0	0	32	0.13	U	0.25	U	0.25	UJ	0.25	U	0.25	UJ
STICIDES/PCBS																	
'-DDD	UG/L	0	0%	0.1	0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
'-DDE	UG/L	0	0%	0.1	0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
'-DDT	UG/L	0	0%	0.1	0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
rin	UG/L	0.0036	3%	0.055	0	1	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
ha-BHC	UG/L	0.0028	3%		0	1	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
ha-Chlordane	UG/L	0	0%	5	0	0	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
clor-1016	UG/L	0	0%		0	0	30	1.1	U	0.13	U	0.12	U	0.1	U	0.1	U
clor-1221	UG/L	0	0%		0	0	30	2.2	U	0.26	U	0.24	U	0.2	U	0.2	U
clor-1232	UG/L	0	0%		0	0	30	1.1	U	0.13	U	0.12	U	0.1	U	0.1	U
clor-1242	UG/L	0	0%		0	0	30	1.1	U	0.13	U	0.12	U	0.1	U	0.1	U
clor-1248	UG/L	0	0%		0	0	30	1.1	U	0.13	U	0.12	U	0.1	U	0.1	U
clor-1254	UG/L	0	0%	0.1	0	0	30	1.1	U	0.13	U	0.12	U	0.1	U	0.1	U
clor-1260	UG/L	0.079	3%	0.1	0	1	30	1.1	U	0.13	U	0.12	U	0.1	U	0.079	J
a-BHC	UG/L	0	0%	5	0	0	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
ta-BHC	UG/L	0.0041	3%		0	1	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
ldrin	UG/L	0	0%	0.1	0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
dosulfan I	UG/L	0	0%		0	0	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
dosulfan II	UG/L	0	0%		0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
dosulfan sulfate	UG/L	0	0%		0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
drin	UG/L	0	0%	0.1	0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
drin aldehyde	UG/L	0	0%	5	0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
drin ketone	UG/L	0	0%	5	0	0	30	0.11	U	0.013	U	0.012	U	0.01	U	0.01	U
mma-BHC/Lindane	UG/L	0	0%	5	0	0	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
mma-Chlordane	UG/L	0.0054	3%		0	1	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
ptachlor	UG/L	0.0056	7%	0.05	0	2	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

TE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-1 GROUND WATER MW4-1 5.4 9.4 1/21/1994 SA ESI N		SEAD-4 MW4-1 GROUND WATER 42017 11 11 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-1 GROUND WATER 42031 12.5 12.5 7/7/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42026 8.4 8.4 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-10 GROUND WATER 42032 10 10 7/7/1999 SA RI Phase 1 Step 1 N	
hlor epoxide	UG/L	0	0%	0.05	0	0	30	0.054	U	0.0065	U	0.006	U	0.0051	U	0.005	U
lorobenzene	UG/L	0	0%	0.35	0	0	25			0.013	U	0.012	UJ	0.01	U	0.01	UJ
ychlor	UG/L	0	0%	35	0	0	30	0.54	U	0.065	U	0.06	U	0.051	U	0.05	U
ene	UG/L	0	0%		0	0	30	5.4	U	0.65	U	0.6	U	0.51	U	0.5	U
CIDES																	
	UG/L	0	0%	35	0	0	5	0.11	U								
P/Silvex	UG/L	0	0%	0.26	0	0	5	0.11	U								
	UG/L	0	0%	4.4	0	0	5	1.1	U								
	UG/L	0	0%		0	0	5	1.1	U								
n	UG/L	0	0%	50	0	0	5	2.5	U								
a	UG/L	0	0%	0.44	0	0	5	0.11	U								
oprop	UG/L	0	0%		0	0	5	1.1	U								
b	UG/L	0	0%	1	0	0	5	0.53	U								
	UG/L	0	0%	0.44	0	0	5	110	U								
	UG/L	0	0%		0	0	5	110	U								
S																	
um	UG/L	3820	90%	50	25	27	30	41.9	U	7430	J	322		1	J	167	J
ny	UG/L	39.3	23%	6	3	7	30	21.6	U	2.2	U	3.7	U	2.2	U	3.7	U
	UG/L	6.5	17%	25	0	5	30	2.2	J	1.8	U	5.2	U	1.8	U	6.5	J
	UG/L	121	100%	1000	0	30	30	19.6	J	30.9	J	22.3	J	27.6	J	33.4	J
m	UG/L	6.3	10%	4	1	3	30	0.4	U	0.1	U	0.4	U	0.1	U	0.4	U
m	UG/L	5.6	7%	5	1	2	30	2.1	U	0.3	U	0.9	U	0.3	U	0.9	U
n	UG/L	147000	100%		0	30	30	137000		115000		112000		75800		81800	
ium	UG/L	260	60%	50	1	18	30	2.6	U	2.8	J	0.8	U	8.1	J	0.86	J
	UG/L	8.2	17%		0	5	30	4.6	J	1.5	U	3.4	U	1.5	U	3.4	U
	UG/L	37.6	30%	200	0	9	30	3.1	U	4.3	J	2.9	U	2.4	U	2.9	U
e	UG/L	0	0%	100	0	0	28	5	U	5	U	5	U	5	U	5	U
	UG/L	6900	90%	300	15	27	30	331		210		326		257		204	
	UG/L	2.2	13%	25	0	4	30	0.5	U	0.9	U	0.8	U	0.9	UJ	0.8	U
sium	UG/L	57600	100%		0	30	30	57600		51700		49000		28800		22600	
nese	UG/L	855	93%	300	5	28	30	144		42.9		17.8		246		145	
y	UG/L	0.04	7%	2	0	2	30	0.04	U	0.1	U	0.1	U	0.1	U	0.1	U
	UG/L	9.9	40%	100	0	12	30	4	U	6	J	4	U	1.9	J	4	U
ium	UG/L	14400	100%		0	30	30	7380		2900	J	2200	J	2000	J	3350	J
um	UG/L	24	37%	10	3	11	30	2.1	J	5.1		2.9	U	11.1		3.9	J
	UG/L	6.7	17%	50	0	5	30	4.2	U	0.9	U	2.5	U	1	J	2.5	U
n	UG/L	82600	100%	20000	7	30	30	11700		6820		7930		7990		10200	
m	UG/L	4.9	10%	2	3	3	30	1.2	U	1.9	U	3	U	3.1	J	3	U
ium	UG/L	11.4	30%		0	9	30	3.7	U	4.3	J	2.5	U	1.8	J	2.5	U
	UG/L	95	87%	300	0	26	30	19.1	J	82.8		7.1	J	27.6		3	U

Seneca Army Depot Activity
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YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-11 GROUND WATER 42027 9 9 3/31/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-11 GROUND WATER 42035 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42028 8.5 8.5 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42034 12.9 12.9 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-13 GROUND WATER 42029 7.9 7.9 3/31/1999 SA RI Phase 1 Step 1 N	
TILES																	
2-Tetrachloroethane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
2-Tetrachloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
Trichloroethane	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloropropene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichlorobenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichloropropane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichlorobenzene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
Trimethylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ibromo-3-chloropropane	UG/L	0	0%		0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ibromoethane	UG/L	0	0%		0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichlorobenzene	UG/L	0	0%	4.7	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethene (total)	UG/L	0	0%	5	0	0	5										
ichloropropane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
Trimethylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ichlorobenzene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichloropropane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ichlorobenzene	UG/L	0	0%	4.7	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichloropropane	UG/L	0	0%		0	0	11			0.5	UJ			0.5	U		
protoluene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
opropane	UG/L	0	0%		0	0	11			25	U			25	U		
ne	UG/L	8	3%		0	1	30	5	U	5	U	5	U	5	U	5	U
nitrile	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
hloride	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ene	UG/L	2	3%	0.7	1	1	30	1	U	0.5	U	1	U	0.5	U	1	U
obenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ochloromethane	UG/L	0	0%		0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
odichloromethane	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
oform	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
chloride	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
n disulfide	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
n tetrachloride	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
acetonitrile	UG/L	0	0%		0	0	11			50	U			50	U		
obenzene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
odibromomethane	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
oethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
oform	UG/L	0	0%	7	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
2-Dichloroethene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
3-Dichloropropene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
prodifluoromethane	UG/L	0	0%	5	0	0	11			0.5	U			0.5	U		
promethyl methyl ketone	UG/L	0	0%		0	0	11			25	U			25	U		
benzene	UG/L	6	3%	5	1	1	30	1	U	0.5	U	1	U	0.5	U	1	U
ether	UG/L	0	0%	50	0	0	11			0.5	U			0.5	U		
methacrylate	UG/L	0	0%		0	0	11			0.5	U			0.5	U		

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Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-11 GROUND WATER 42027 9 9 3/31/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-11 GROUND WATER 42035 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42028 8.5 8.5 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42034 12.9 12.9 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-13 GROUND WATER 42029 7.9 7.9 3/31/1999 SA RI Phase 1 Step 1 N	
TILES																	
hlorobutadiene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
hloroethane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
pylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
crylonitrile	UG/L	0	0%		0	0	11			0.5	U			0.5	UJ		
l 2-propenoate	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
l Tertbutyl Ether	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
l bromide	UG/L	0	0%		0	0	30	1	U	0.5	UJ	1	U	0.5	U	1	U
l butyl ketone	UG/L	0	0%		0	0	30	5	U	5	UJ	5	U	5	U	5	U
l chloride	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
l ethyl ketone	UG/L	0	0%	50	0	0	30	5	U	5	R	5	U	5	R	5	U
l iodide	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
l isobutyl ketone	UG/L	0	0%		0	0	30	5	U	2.5	U	5	U	2.5	U	5	U
l methacrylate	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
lene bromide	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
lene chloride	UG/L	0	0%	5	0	0	30	2	U	0.5	U	2	U	0.5	U	2	U
halene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
enzene	UG/L	0	0%		0	0	11			25	R			25	R		
Xylene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
chloroethane	UG/L	0	0%		0	0	11			0.5	UJ			0.5	U		
nitrile	UG/L	0	0%		0	0	11			25	R			25	R		
lbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ne	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
chloroethene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
hydrofuran	UG/L	0	0%		0	0	11			2.5	U			2.5	U		
ne	UG/L	0.4	3%	5	0	1	30	1	U	0.5	U	1	U	0.5	U	1	U
Xylenes	UG/L	4	3%	5	0	1	30	1	U	0.5	U	1	U	0.5	U	1	U
-1,2-Dichloroethene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
-1,3-Dichloropropene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
-1,4-Dichloro-2-butene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
oroethene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
orofluoromethane	UG/L	0	0%	5	0	0	11			0.5	U			0.5	U		
chloride	UG/L	0	0%	2	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
orotoluene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
opropyltoluene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
utylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
utylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
VOLATILES																	
-Trichlorobenzene	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	1	U	1	U
ichlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U	1	U	1	U	1	U	1	U
ichlorobenzene	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	1	U	1	U
ichlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U	1	U	1	U	1	U	1	U
xybis(1-Chloropropane)	UG/L	0	0%		0	0	5										
-Trichlorophenol	UG/L	0	0%		0	0	30	2.6	U	2.6	U	2.6	U	2.6	U	2.5	U
-Trichlorophenol	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
ichlorophenol	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
imethylphenol	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	1	U	1	U
initrophenol	UG/L	0	0%		0	0	30	2.6	UJ	2.6	UJ	2.6	UJ	2.6	UJ	2.5	UJ

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Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-11 GROUND WATER 42027 9 9 3/31/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-11 GROUND WATER 42035 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42028 8.5 8.5 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42034 12.9 12.9 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-13 GROUND WATER 42029 7.9 7.9 3/31/1999 SA RI Phase 1 Step 1 N	
TILES																	
nitrotoluene	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	1	U	1	U
initrotoluene	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	1	U	1	U
oronaphthalene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
orophenol	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
hylnaphthalene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
hylphenol	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	1	U	1	U
oaniline	UG/L	0	0%		0	0	30	2.6	U	2.6	U	2.6	U	2.6	U	2.5	U
ophenol	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
ichlorobenzidine	UG/L	0	0%		0	0	30	1	UJ	1	U	1	UJ	1	U	1	UJ
oaniline	UG/L	0	0%		0	0	30	2.6	UJ	2.6	U	2.6	UJ	2.6	U	2.5	UJ
nitro-2-methylphenol	UG/L	0	0%	5	0	0	30	2.6	UJ	2.6	U	2.6	UJ	2.6	U	2.5	UJ
mophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
oro-3-methylphenol	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
oroaniline	UG/L	0	0%	5	0	0	30	1	UJ	1	U	1	UJ	1	U	1	UJ
orophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
hylphenol	UG/L	2.2	7%	5	0	2	30	1	U	1	U	1	U	1	U	1	U
oaniline	UG/L	0	0%	5	0	0	30	2.6	U	2.6	U	2.6	U	2.6	U	2.5	U
ophenol	UG/L	0	0%		0	0	30	2.6	U	2.6	R	2.6	U	2.6	R	2.5	U
aphthene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
aphthylene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
acene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
o(a)anthracene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
o(a)pyrene	UG/L	0	0%	10	0	0	30	1	U	1	U	1	U	1	U	1	U
o(b)fluoranthene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
o(ghi)perylene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
o(k)fluoranthene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
(Chloroethoxy)methane	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
(Chloroethyl)ether	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
(Chloroisopropyl)ether	UG/L	0	0%		0	0	25	1	U	1	U	1	U	1	U	1	U
(Ethylhexyl)phthalate	UG/L	1.1	3%	50	0	1	30	0.51	UJ	1	U	1.5	U	1	U	1.3	U
enzylphthalate	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
nzole	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
ene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
utylphthalate	UG/L	0.15	3%	50	0	1	30	1	U	1	U	1	U	1	U	1	U
ctylphthalate	UG/L	0	0%		0	0	30	1	U	1	UJ	1	U	1	UJ	1	U
z(a,h)anthracene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
zofuran	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
l phthalate	UG/L	0.9	17%		0	5	30	1	U	1	U	1	U	1	U	1	U
hylphthalate	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
anthene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
ene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
chlorobenzene	UG/L	0	0%	0.35	0	0	30	1	U	1	U	1	U	1	U	1	U
chlorobutadiene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
chlorocyclopentadiene	UG/L	0	0%		0	0	30	1	U	1	UJ	1	U	1	UJ	1	U
chloroethane	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
o(1,2,3-cd)pyrene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
prone	UG/L	0	0%		0	0	30	1	U	1	UJ	1	U	1	UJ	1	U
rosodiphenylamine	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-11 GROUND WATER 42027 9 9 3/31/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-11 GROUND WATER 42035 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42028 8.5 8.5 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42034 12.9 12.9 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-13 GROUND WATER 42029 7.9 7.9 3/31/1999 SA RI Phase 1 Step 1 N	
[illegible]propylamine	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
halene	UG/L	2.2	3%		0	1	30	1	U	1	U	1	U	1	U	1	U
enzene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
chlorophenol	UG/L	0	0%	1	0	0	30	2.6	U	2.6	UJ	2.6	U	2.6	UJ	2.5	U
nthrene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
l	UG/L	0.4	3%	1	0	1	30	1	U	1	U	1	U	1	U	1	U
e	UG/L	0	0%		0	0	30	1	U	1	U	1	U	1	U	1	U
OSIVES																	
Trinitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
nitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Trinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
nitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
nitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
otoluene	UG/L	0.87	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
no-4,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
otoluene	UG/L	2.6	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
otoluene	UG/L	10	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
no-2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
enzene	UG/L	0.89	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%	5	0	0	32	0.25	U	0.25	UJ	0.25	U	0.25	UJ	0.25	U
CIDES/PCBS																	
DD	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
DE	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
DT	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
	UG/L	0.0036	3%	0.055	0	1	30	0.0052	U	0.0056	U	0.005	U	0.0056	U	0.0055	U
BHC	UG/L	0.0028	3%		0	1	30	0.0052	U	0.0056	U	0.0028	J	0.0056	U	0.0055	U
Chlordane	UG/L	0	0%	5	0	0	30	0.0052	U	0.0056	U	0.005	U	0.0056	U	0.0055	U
r-1016	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U
r-1221	UG/L	0	0%		0	0	30	0.21	U	0.22	U	0.2	U	0.22	U	0.22	U
r-1232	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U
r-1242	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U
r-1248	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U
r-1254	UG/L	0	0%	0.1	0	0	30	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U
r-1260	UG/L	0.079	3%	0.1	0	1	30	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U
BHC	UG/L	0	0%	5	0	0	30	0.0052	U	0.0056	U	0.005	U	0.0056	U	0.0055	U
BHC	UG/L	0.0041	3%		0	1	30	0.0052	U	0.0056	U	0.005	U	0.0056	U	0.0055	U
in	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
ulfan I	UG/L	0	0%		0	0	30	0.0052	U	0.0056	U	0.005	U	0.0056	U	0.0055	U
ulfan II	UG/L	0	0%		0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
ulfan sulfate	UG/L	0	0%		0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
aldehyde	UG/L	0	0%	5	0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
ketone	UG/L	0	0%	5	0	0	30	0.01	U	0.011	U	0.01	U	0.011	U	0.011	U
ha-BHC/Lindane	UG/L	0	0%	5	0	0	30	0.0052	U	0.0056	U	0.005	U	0.0056	U	0.0055	U
ha-Chlordane	UG/L	0.0054	3%		0	1	30	0.0052	U	0.0056	U	0.005	U	0.0056	J	0.0054	J
chlor	UG/L	0.0056	7%	0.05	0	2	30	0.0052	U	0.0056	U	0.005	U	0.0056	J	0.0055	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-11 GROUND WATER 42027 9 9 3/31/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-11 GROUND WATER 42035 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42028 8.5 8.5 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-12 GROUND WATER 42034 12.9 12.9 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-13 GROUND WATER 42029 7.9 7.9 3/31/1999 SA RI Phase 1 Step 1 N	
THES																	
chlor epoxide	UG/L	0	0%	0.05	0	0	30	0.0052	U	0.0056	U	0.005	U	0.0056	U	0.0055	U
chlorobenzene	UG/L	0	0%	0.35	0	0	25	0.01	U	0.011	UJ	0.01	U	0.011	UJ	0.011	U
oxychlor	UG/L	0	0%	35	0	0	30	0.052	U	0.056	U	0.05	U	0.056	U	0.055	U
ohene	UG/L	0	0%		0	0	30	0.52	U	0.56	U	0.5	U	0.56	U	0.55	U
ICIDES																	
T	UG/L	0	0%	35	0	0	5										
TP/Silvex	UG/L	0	0%	0.26	0	0	5										
	UG/L	0	0%	4.4	0	0	5										
B	UG/L	0	0%		0	0	5										
on	UG/L	0	0%	50	0	0	5										
nba	UG/L	0	0%	0.44	0	0	5										
oproprop	UG/L	0	0%		0	0	5										
eb	UG/L	0	0%	1	0	0	5										
A	UG/L	0	0%	0.44	0	0	5										
	UG/L	0	0%		0	0	5										
ALS																	
num	UG/L	3820	90%	50	25	27	30	947	J	1390		1260	J	1740		316	J
ony	UG/L	39.3	23%	6	3	7	30	13.8	J	3.7	U	2.9	J	3.7	U	2.2	U
ic	UG/L	6.5	17%	25	0	5	30	1.8	U	5.2	U	1.8	U	5.2	U	1.8	U
m	UG/L	121	100%	1000	0	30	30	35.2	J	55.1	J	53.8	J	57.3	J	30	J
ium	UG/L	6.3	10%	4	1	3	30	0.1	U	0.4	U	0.1	U	0.4	U	0.1	U
nium	UG/L	5.6	7%	5	1	2	30	0.3	U	0.9	U	0.3	U	0.9	U	0.3	U
um	UG/L	147000	100%		0	30	30	119000		84100		134000		128000		61900	
mium	UG/L	260	60%	50	1	18	30	0.7	U	3.2	J	3.2	J	2.6	J	1.7	J
lt	UG/L	8.2	17%		0	5	30	1.5	U	3.4	U	1.5	J	3.4	U	1.5	U
er	UG/L	37.6	30%	200	0	9	30	2.4	U	3.8	J	2.4	U	2.9	U	2.4	U
ide	UG/L	0	0%	100	0	0	28	5	U	5	U	5	U	5	U	5	U
	UG/L	6900	90%	300	15	27	30	1180		1520		1290		1480		297	
	UG/L	2.2	13%	25	0	4	30	0.9	UJ	0.8	U	0.9	UJ	0.8	U	0.9	UJ
esium	UG/L	57600	100%		0	30	30	40000		19800		30100		28100		5590	
anese	UG/L	855	93%	300	5	28	30	288		229		262		137		378	
ury	UG/L	0.04	7%	2	0	2	30	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
l	UG/L	9.9	40%	100	0	12	30	1.4	U	4	U	4	J	4	U	3.1	J
ssium	UG/L	14400	100%		0	30	30	4570	J	4520	J	3110	J	1540	J	2990	J
nium	UG/L	24	37%	10	3	11	30	1.8	U	2.9	U	3.4		2.9	U	1.8	U
	UG/L	6.7	17%	50	0	5	30	0.9	U	2.5	U	0.9	U	2.5	U	1.2	J
m	UG/L	82600	100%	20000	7	30	30	5300		63100		5710		5110		4650	J
um	UG/L	4.9	10%	2	3	3	30	1.9	U	3	U	1	J	3	U	1.9	U
dium	UG/L	11.4	30%		0	9	30	1.6	U	4.7	J	3.3	J	2.5	U	1.6	U
	UG/L	95	87%	300	0	26	30	9	J	10.5	J	7.9	J	5.3	J	9.3	J

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SEAD-4 Remedial Investigation
Groundwater Sample Results

TE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-13 GROUND WATER 42041 9 9 7/9/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-2 GROUND WATER MW4-2 2.2 3.2 2/4/1994 SA ESI N	SEAD-4 MW4-2 GROUND WATER 42018 5.3 5.3 4/1/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-3 GROUND WATER MW4-3 3.9 7.9 1/20/1994 SA ESI N	SEAD-4 MW4-3 GROUND WATER 42019 8.5 8.5 3/29/1999 SA RI Phase 1 Step 1 N
TILES												
-Tetrachloroethane	UG/L	0	0%		0	0	11					
richloroethane	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
-Tetrachloroethane	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
richloroethane	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1 U
hloroethane	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
hloroethene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
hloropropene	UG/L	0	0%		0	0	11					
richlorobenzene	UG/L	0	0%		0	0	11					
richloropropane	UG/L	0	0%		0	0	11					
richlorobenzene	UG/L	0	0%	5	0	0	25			1 U		1 U
rimethylbenzene	UG/L	0	0%		0	0	11					
romo-3-chloropropane	UG/L	0	0%		0	0	25			1 U		1 U
romoethane	UG/L	0	0%		0	0	25			1 U		1 U
hlorobenzene	UG/L	0	0%	4.7	0	0	25			1 U		1 U
hloroethane	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
hloroethene (total)	UG/L	0	0%	5	0	0	5		10 U		10 U	
hloropropane	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
rimethylbenzene	UG/L	0	0%		0	0	11					
hlorobenzene	UG/L	0	0%	5	0	0	25			1 U		1 U
hloropropane	UG/L	0	0%		0	0	11					
hlorobenzene	UG/L	0	0%	4.7	0	0	25			1 U		1 U
hloropropane	UG/L	0	0%		0	0	11					
rotoluene	UG/L	0	0%		0	0	11					
propane	UG/L	0	0%		0	0	11					
ne	UG/L	8	3%		0	1	30		10 U	5 U	10 U	5 U
itrile	UG/L	0	0%		0	0	11					
loride	UG/L	0	0%		0	0	11					
ne	UG/L	2	3%	0.7	1	1	30		10 U	1 U	10 U	1 U
benzene	UG/L	0	0%		0	0	11					
chloromethane	UG/L	0	0%		0	0	25			1 U		1 U
dichloromethane	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1 U
form	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1 U
hloride	UG/L	0	0%		0	0	11					
n disulfide	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1 U
n tetrachloride	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
cetonitrile	UG/L	0	0%		0	0	11					
benzene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
dibromomethane	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1 U
ethane	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
form	UG/L	0	0%	7	0	0	30		10 U	1 U	10 U	1 U
2-Dichloroethene	UG/L	0	0%	5	0	0	25			1 U		1 U
3-Dichloropropene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
rodifluoromethane	UG/L	0	0%	5	0	0	11					
romethyl methyl ketone	UG/L	0	0%		0	0	11					
benzene	UG/L	6	3%	5	1	1	30		10 U	1 U	10 U	1 U
ether	UG/L	0	0%	50	0	0	11					
methacrylate	UG/L	0	0%		0	0	11					

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Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-13 GROUND WATER 42041 9 7/9/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-2 GROUND WATER MW4-2 2.2 3.2 2/4/1994 SA ESI N	SEAD-4 MW4-2 GROUND WATER 42018 5.3 5.3 4/1/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-3 GROUND WATER MW4-3 3.9 7.9 1/20/1994 SA ESI N	SEAD-4 MW4-3 GROUND WATER 42019 8.5 8.5 3/29/1999 SA RI Phase 1 Step 1 N
TILES												
chlorobutadiene	UG/L	0	0%		0	0	11					
chloroethane	UG/L	0	0%		0	0	11					
opylbenzene	UG/L	0	0%		0	0	11					
crylonitrile	UG/L	0	0%		0	0	11					
l 2-propenoate	UG/L	0	0%		0	0	11					
l Tertbutyl Ether	UG/L	0	0%		0	0	11					
l bromide	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1 U
l butyl ketone	UG/L	0	0%		0	0	30		10 U	5 U	10 U	5 U
l chloride	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
l ethyl ketone	UG/L	0	0%	50	0	0	30		10 U	5 U	10 U	5 U
l iodide	UG/L	0	0%		0	0	11					
l isobutyl ketone	UG/L	0	0%		0	0	30		10 U	5 U	10 U	5 U
l methacrylate	UG/L	0	0%		0	0	11					
lene bromide	UG/L	0	0%		0	0	11					
lene chloride	UG/L	0	0%	5	0	0	30		10 U	2 U	10 U	2 U
halene	UG/L	0	0%		0	0	11					
enzene	UG/L	0	0%		0	0	11					
Xylene	UG/L	0	0%		0	0	11					
chloroethane	UG/L	0	0%		0	0	11					
nitrile	UG/L	0	0%		0	0	11					
lbenzene	UG/L	0	0%		0	0	11					
ne	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1 U
chloroethene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
hydrofuran	UG/L	0	0%		0	0	11					
ne	UG/L	0.4	3%	5	0	1	30		10 U	1 U	10 U	1 U
Xylenes	UG/L	4	3%	5	0	1	30		10 U	1 U	10 U	1 U
-1,2-Dichloroethene	UG/L	0	0%	5	0	0	25			1 U		1 U
-1,3-Dichloropropene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
-1,4-Dichloro-2-butene	UG/L	0	0%		0	0	11					
proethene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1 U
profluoromethane	UG/L	0	0%	5	0	0	11					
chloride	UG/L	0	0%	2	0	0	30		10 U	1 U	10 U	1 U
ylbenzene	UG/L	0	0%		0	0	11					
protoluene	UG/L	0	0%		0	0	11					
ropyltoluene	UG/L	0	0%		0	0	11					
utylbenzene	UG/L	0	0%		0	0	11					
utylbenzene	UG/L	0	0%		0	0	11					
VOLATILES												
Trichlorobenzene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1.1 U
chlorobenzene	UG/L	0	0%	4.7	0	0	30		10 U	1 U	10 U	1.1 U
chlorobenzene	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1.1 U
chlorobenzene	UG/L	0	0%	4.7	0	0	30		10 U	1 U	10 U	1.1 U
xybis(1-Chloropropane)	UG/L	0	0%		0	0	5		10 U		10 U	
Trichlorophenol	UG/L	0	0%		0	0	30		25 U	2.6 U	26 U	2.7 U
Trichlorophenol	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1.1 U
chlorophenol	UG/L	0	0%		0	0	30		10 U	1 U	10 U	1.1 U
methylphenol	UG/L	0	0%	5	0	0	30		10 U	1 U	10 U	1.1 U
nitrophenol	UG/L	0	0%		0	0	30		25 U	2.6 R	26 U	2.7 UJ

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SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-13 GROUND WATER 42041 9 9 7/9/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-2 GROUND WATER MW4-2 2.2 3.2 2/4/1994 SA ESI N		SEAD-4 MW4-2 GROUND WATER 42018 5.3 5.3 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-3 GROUND WATER MW4-3 3.9 7.9 1/20/1994 SA ESI N		SEAD-4 MW4-3 GROUND WATER 42019 8.5 8.5 3/29/1999 SA RI Phase 1 Step 1 N	
TICS																	
luene	UG/L	0	0%	5	0	0	30			10	U	1	U	10	U	1.1	U
nitrotoluene	UG/L	0	0%	5	0	0	30			10	U	1	U	10	U	1.1	U
pronaphthalene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
prophenol	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
hylnaphthalene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
hylphenol	UG/L	0	0%	5	0	0	30			10	U	1	U	10	U	1.1	U
paniline	UG/L	0	0%		0	0	30			25	U	2.6	U	26	U	2.7	U
ophenol	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
ichlorobenzidine	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	UJ
paniline	UG/L	0	0%		0	0	30			25	U	2.6	R	26	U	2.7	UJ
nitro-2-methylphenol	UG/L	0	0%	5	0	0	30			25	U	2.6	U	26	U	2.7	UJ
mophenyl phenyl ether	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
oro-3-methylphenol	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
proaniline	UG/L	0	0%	5	0	0	30			10	U	1	U	10	U	1.1	UJ
prophenyl phenyl ether	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
hylphenol	UG/L	2.2	7%	5	0	2	30			10	U	1	U	10	U	1.1	U
paniline	UG/L	0	0%	5	0	0	30			25	U	2.6	U	26	U	2.7	U
ophenol	UG/L	0	0%		0	0	30			25	U	2.6	U	26	U	2.7	U
aphthene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
aphthylene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
acene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
o(a)anthracene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
o(a)pyrene	UG/L	0	0%	10	0	0	30			10	U	1	U	10	U	1.1	U
o(b)fluoranthene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
o(ghi)perylene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
o(k)fluoranthene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
Chloroethoxy)methane	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
Chloroethyl)ether	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
Chloroisopropyl)ether	UG/L	0	0%		0	0	25					1	U			1.1	U
Ethylhexyl)phthalate	UG/L	1.1	3%	50	0	1	30			10	U	1	U	10	U	1.1	U
enzylphthalate	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
zole	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
ene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
utylphthalate	UG/L	0.15	3%	50	0	1	30			10	U	1	U	10	U	1.1	U
ctylphthalate	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
z(a,h)anthracene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
zofuran	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
l phthalate	UG/L	0.9	17%		0	5	30			10	U	1	U	0.5	J	1.1	U
hylphthalate	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
anthene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
ene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
chlorobenzene	UG/L	0	0%	0.35	0	0	30			10	U	1	U	10	U	1.1	U
chlorobutadiene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
chlorocyclopentadiene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
chloroethane	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
o(1,2,3-cd)pyrene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
prone	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
rosodiphenylamine	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-13 GROUND WATER 42041 9 9 7/9/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-2 GROUND WATER MW4-2 2.2 3.2 2/4/1994 SA ESI N		SEAD-4 MW4-2 GROUND WATER 42018 5.3 5.3 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-3 GROUND WATER MW4-3 3.9 7.9 1/20/1994 SA ESI N		SEAD-4 MW4-3 GROUND WATER 42019 8.5 8.5 3/29/1999 SA RI Phase 1 Step 1 N	
TILES																	
Diisopropylamine	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
thalene	UG/L	2.2	3%		0	1	30			10	U	1	U	10	U	1.1	U
benzene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
achlorophenol	UG/L	0	0%	1	0	0	30			25	U	2.6	U	26	U	2.7	U
anthrene	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
ol	UG/L	0.4	3%	1	0	1	30			10	U	1	U	10	U	1.1	U
ne	UG/L	0	0%		0	0	30			10	U	1	U	10	U	1.1	U
LOSIVES																	
-Trinitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
initrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
-Trinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
initrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
initrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
otoluene	UG/L	0.87	4%		0	1	27	0.25	U			0.25	U			0.25	U
ino-4,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
otoluene	UG/L	2.6	4%		0	1	27	0.25	U			0.25	U			0.25	U
otoluene	UG/L	10	4%		0	1	27	0.25	U			0.25	U			0.25	U
ino-2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
benzene	UG/L	0.89	4%		0	1	27	0.25	U			0.25	U			0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.13	U	0.25	U	0.13	U	0.25	U
	UG/L	0	0%	5	0	0	32	0.25	UJ	0.13	U	0.25	U	0.13	U	0.25	U
TICIDES/PCBS																	
DDD	UG/L	0	0%	0.1	0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
DDE	UG/L	0	0%	0.1	0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
DDT	UG/L	0	0%	0.1	0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
	UG/L	0.0036	3%	0.055	0	1	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
-BHC	UG/L	0.0028	3%		0	1	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
-Chlordane	UG/L	0	0%	5	0	0	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
or-1016	UG/L	0	0%		0	0	30			1.3	UJ	0.11	U	1	U	0.1	U
or-1221	UG/L	0	0%		0	0	30			2.5	UJ	0.22	U	2.1	U	0.21	U
or-1232	UG/L	0	0%		0	0	30			1.3	UJ	0.11	U	1	U	0.1	U
or-1242	UG/L	0	0%		0	0	30			1.3	UJ	0.11	U	1	U	0.1	U
or-1248	UG/L	0	0%		0	0	30			1.3	UJ	0.11	U	1	U	0.1	U
or-1254	UG/L	0	0%	0.1	0	0	30			1.3	UJ	0.11	U	1	U	0.1	U
or-1260	UG/L	0.079	3%	0.1	0	1	30			1.3	UJ	0.11	U	1	U	0.1	U
BHC	UG/L	0	0%	5	0	0	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
-BHC	UG/L	0.0041	3%		0	1	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
rin	UG/L	0	0%	0.1	0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
sulfan I	UG/L	0	0%		0	0	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
sulfan II	UG/L	0	0%		0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
sulfan sulfate	UG/L	0	0%		0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
n	UG/L	0	0%	0.1	0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
n aldehyde	UG/L	0	0%	5	0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
n ketone	UG/L	0	0%	5	0	0	30			0.13	UJ	0.011	U	0.1	U	0.01	U
ma-BHC/Lindane	UG/L	0	0%	5	0	0	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
ma-Chlordane	UG/L	0.0054	3%		0	1	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
achlor	UG/L	0.0056	7%	0.05	0	2	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-13 GROUND WATER 42041 9 9 7/9/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-2 GROUND WATER MW4-2 2.2 3.2 2/4/1994 SA ESI N		SEAD-4 MW4-2 GROUND WATER 42018 5.3 5.3 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-3 GROUND WATER MW4-3 3.9 7.9 1/20/1994 SA ESI N		SEAD-4 MW4-3 GROUND WATER 42019 8.5 8.5 3/29/1999 SA RI Phase 1 Step 1 N	
TICIDES																	
drin epoxide	UG/L	0	0%	0.05	0	0	30			0.064	UJ	0.0056	U	0.052	U	0.0052	U
chlorobenzene	UG/L	0	0%	0.35	0	0	25					0.011	U			0.01	U
oxychlor	UG/L	0	0%	35	0	0	30			0.64	UJ	0.056	U	0.52	U	0.052	U
phene	UG/L	0	0%		0	0	30			6.4	UJ	0.56	U	5.2	U	0.52	U
ICIDES																	
T	UG/L	0	0%	35	0	0	5			0.12	U			0.11	U		
TP/Silvex	UG/L	0	0%	0.26	0	0	5			0.12	U			0.11	U		
	UG/L	0	0%	4.4	0	0	5			1.2	U			1.1	U		
B	UG/L	0	0%		0	0	5			1.2	U			1.1	U		
on	UG/L	0	0%	50	0	0	5			2.6	U			2.4	U		
ba	UG/L	0	0%	0.44	0	0	5			0.12	U			0.11	U		
proprop	UG/L	0	0%		0	0	5			1.2	U			1.1	U		
eb	UG/L	0	0%	1	0	0	5			0.57	U			0.53	U		
A	UG/L	0	0%	0.44	0	0	5			120	U			110	U		
	UG/L	0	0%		0	0	5			120	U			110	U		
ALS																	
num	UG/L	3820	90%	50	25	27	30	[redacted]		[redacted]				[redacted]		22.8	J
ony	UG/L	39.3	23%	6	3	7	30	3.7	U	[redacted]	J			21.4	U	2.2	U
ic	UG/L	6.5	17%	25	0	5	30	5.9	J	1.4	U			1	J	1.8	U
m	UG/L	121	100%	1000	0	30	30	118	J	19.3	J			42.7	J	46.1	J
ium	UG/L	6.3	10%	4	1	3	30	0.4	U	0.4	U			[redacted]		0.1	U
nium	UG/L	5.6	7%	5	1	2	30	0.9	U	2.1	U			[redacted]		0.3	U
um	UG/L	147000	100%		0	30	30	103000		66300				122000		98400	
nium	UG/L	260	60%	50	1	18	30	0.82	J	2.6	U			6.9	J	0.7	U
lt	UG/L	8.2	17%		0	5	30	3.4	U	4.4	U			8.2	J	1.5	U
er	UG/L	37.6	30%	200	0	9	30	10.2	J	3.1	U			6.6	J	2.4	U
ide	UG/L	0	0%	100	0	0	28			5	U			5	U	5	U
	UG/L	6900	90%	300	15	27	30	[redacted]		[redacted]				[redacted]		14.9	U
	UG/L	2.2	13%	25	0	4	30	0.8	U	1.9	J			0.56	J	0.9	UJ
esium	UG/L	57600	100%		0	30	30	15600		10100				32800		25600	
anese	UG/L	855	93%	300	5	28	30	[redacted]		60.5				229		0.4	U
ury	UG/L	0.04	7%	2	0	2	30	0.1	U	0.04	U			0.04	J	0.1	U
l	UG/L	9.9	40%	100	0	12	30	5.8	J	4	U			4.4	J	1.4	U
ssium	UG/L	14400	100%		0	30	30	14400		1840	J			5250		1480	J
nium	UG/L	24	37%	10	3	11	30	2.9	U	0.7	U			1.4	J	1.8	U
	UG/L	6.7	17%	50	0	5	30	2.5	U	4.2	U			6.7	J	0.9	U
um	UG/L	82600	100%	20000	7	30	30	8090		12400				[redacted]		[redacted]	
um	UG/L	4.9	10%	2	3	3	30	3	U	1.2	U			1.2	U	1.9	U
dium	UG/L	11.4	30%		0	9	30	2.5	U	3.7	U			7.7	J	1.6	U
	UG/L	95	87%	300	0	26	30	16.2	J	15.2	J			17.7	J	3.2	J

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Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-3 GROUND WATER 42033 10.95 10.95 7/7/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-4 GROUND WATER MW4-4 4.9 8.9 2/1/1994 SA ESI N	SEAD-4 MW4-4 GROUND WATER 42020 10 10 4/24/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-4 GROUND WATER 42036 10 10 7/8/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-5 GROUND WATER MW4-5 3.1 5.1 1/20/1994 SA ESI N
TILES												
2-Tetrachloroethane	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
Trichloroethane	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
2-Tetrachloroethane	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
Trichloroethane	UG/L	0	0%		0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
chloroethane	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
chloroethene	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
chloropropene	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
Trichlorobenzene	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
Trichloropropane	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
Trichlorobenzene	UG/L	0	0%	5	0	0	25	0.5 U		1 U	0.5 U	
Trimethylbenzene	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
bromo-3-chloropropane	UG/L	0	0%		0	0	25	0.5 U		1 U	0.5 U	
bromoethane	UG/L	0	0%		0	0	25	0.5 U		1 U	0.5 U	
chlorobenzene	UG/L	0	0%	4.7	0	0	25	0.5 U		1 U	0.5 U	
chloroethane	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
chloroethene (total)	UG/L	0	0%	5	0	0	5		10 U			10 U
chloropropane	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
Trimethylbenzene	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
chlorobenzene	UG/L	0	0%	5	0	0	25	0.5 U		1 U	0.5 U	
chloropropane	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
chlorobenzene	UG/L	0	0%	4.7	0	0	25	0.5 U		1 UJ	0.5 U	
chloropropane	UG/L	0	0%		0	0	11	0.5 U			0.5 UJ	
protoluene	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
opropane	UG/L	0	0%		0	0	11	25 U			25 U	
ne	UG/L	8	3%		0	1	30	5 U	10 U	5 U	5 U	10 U
nitrile	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
hloride	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
ne	UG/L	2	3%	0.7	1	1	30	0.5 U	10 U	1 U	0.5 U	10 U
benzene	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
ochloromethane	UG/L	0	0%		0	0	25	0.5 U		1 U	0.5 U	
odichloromethane	UG/L	0	0%		0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
oform	UG/L	0	0%		0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
chloride	UG/L	0	0%		0	0	11	0.5 U			0.5 U	
n disulfide	UG/L	0	0%		0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
n tetrachloride	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
acetonitrile	UG/L	0	0%		0	0	11	50 U			50 U	
benzene	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
odibromomethane	UG/L	0	0%		0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
oethane	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 UJ	0.5 U	10 U
oform	UG/L	0	0%	7	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
2-Dichloroethene	UG/L	0	0%	5	0	0	25	0.5 U		1 U	0.5 U	
3-Dichloropropene	UG/L	0	0%	5	0	0	30	0.5 U	10 U	1 U	0.5 U	10 U
rodifluoromethane	UG/L	0	0%	5	0	0	11	0.5 U			0.5 U	
romethyl methyl ketone	UG/L	0	0%		0	0	11	25 U			25 U	
benzene	UG/L	6	3%	5	1	1	30	0.5 U	10 U	1 U	0.5 U	10 U
ether	UG/L	0	0%	50	0	0	11	0.5 U			0.5 U	
methacrylate	UG/L	0	0%		0	0	11	0.5 U			0.5 U	

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

TE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-3 GROUND WATER 42033 10.95 10.95 7/7/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-4 GROUND WATER MW4-4 4.9 8.9 2/1/1994 SA ESI N		SEAD-4 MW4-4 GROUND WATER 42020 10 10 4/24/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-4 GROUND WATER 42036 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-5 GROUND WATER MW4-5 3.1 5.1 1/20/1994 SA ESI N	
NES																	
Hexachlorobutadiene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Hexachloroethane	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Hexylbenzene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Hexylonitrile	UG/L	0	0%		0	0	11	0.5	UJ					0.5	U		
Hexyl-2-propenoate	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Isobutyl Tertbutyl Ether	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Isopropylbromide	UG/L	0	0%		0	0	30	0.5	U	10	U	1	U	0.5	UJ	10	U
Methyl isobutyl ketone	UG/L	0	0%		0	0	30	5	U	10	U	5	U	5	UJ	10	U
Methylchloride	UG/L	0	0%	5	0	0	30	0.5	U	10	U	1	UJ	0.5	U	10	U
Methyl ethyl ketone	UG/L	0	0%	50	0	0	30	5	R	10	U	5	U	5	R	10	U
Methyliodide	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Methylisobutyl ketone	UG/L	0	0%		0	0	30	2.5	U	10	U	5	U	2.5	U	10	U
Methylmethacrylate	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Methylene bromide	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Methylene chloride	UG/L	0	0%	5	0	0	30	0.5	U	10	U	2	U	0.5	U	10	U
Naphthalene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Nitrobenzene	UG/L	0	0%		0	0	11	25	R					25	R		
Nonane	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Octachloroethane	UG/L	0	0%		0	0	11	0.5	U					0.5	UJ		
Octanenitrile	UG/L	0	0%		0	0	11	25	R					25	R		
Pentachlorobenzene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Pentane	UG/L	0	0%		0	0	30	0.5	U	10	U	1	U	0.5	U	10	U
Pentachloroethene	UG/L	0	0%	5	0	0	30	0.5	U	10	U	1	U	0.5	U	10	U
Pentylfuran	UG/L	0	0%		0	0	11	2.5	U					2.5	U		
Propene	UG/L	0.4	3%	5	0	1	30	0.5	U	10	U	1	U	0.5	U	10	U
Propylenes	UG/L	4	3%	5	0	1	30	0.5	U	10	U	1	U	0.5	U	10	U
Trans-1,2-Dichloroethene	UG/L	0	0%	5	0	0	25	0.5	U			1	U	0.5	U		
Trans-1,3-Dichloropropene	UG/L	0	0%	5	0	0	30	0.5	U	10	U	1	U	0.5	U	10	U
Trans-1,4-Dichloro-2-butene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Trichloroethene	UG/L	0	0%	5	0	0	30	0.5	U	10	U	1	U	0.5	U	10	U
Trichlorofluoromethane	UG/L	0	0%	5	0	0	11	0.5	U					0.5	U		
Vinylchloride	UG/L	0	0%	2	0	0	30	0.5	U	10	U	1	U	0.5	U	10	U
Xylenebenzene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Xylenetoluene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Xylenepropyltoluene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Xylenetylbenzene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
Xylenetylbenzene	UG/L	0	0%		0	0	11	0.5	U					0.5	U		
VOLATILES																	
1,2,4-Trichlorobenzene	UG/L	0	0%	5	0	0	30	1	U	10	U	1.1	UJ	1.1	U	11	U
1,2-Dichlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
1,3-Dichlorobenzene	UG/L	0	0%	5	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
1,4-Dichlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
2,2'-oxybis(1-Chloropropane)	UG/L	0	0%		0	0	5			10	U					11	U
2,4,5-Trichlorophenol	UG/L	0	0%		0	0	30	2.5	U	25	U	2.8	U	2.8	U	27	U
2,4,6-Trichlorophenol	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
2,4-Dichlorophenol	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
2,4-Dimethylphenol	UG/L	0	0%	5	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
2,4-Dinitrophenol	UG/L	0	0%		0	0	30	2.5	UJ	25	U	2.8	R	2.8	UJ	27	U

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LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-3 GROUND WATER 42033 10.95 10.95 7/7/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-4 GROUND WATER MW4-4 4.9 8.9 2/1/1994 SA ESI N		SEAD-4 MW4-4 GROUND WATER 42020 10 10 4/24/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-4 GROUND WATER 42036 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-5 GROUND WATER MW4-5 3.1 5.1 1/20/1994 SA ESI N	
TALS																	
nitrotoluene	UG/L	0	0%	5	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
initrotoluene	UG/L	0	0%	5	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
oronaphthalene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
orophenol	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
thylnaphthalene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
thylphenol	UG/L	0	0%	5	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
oaniline	UG/L	0	0%		0	0	30	2.5	U	25	U	2.8	U	2.8	U	27	U
ophenol	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
)ichlorobenzidine	UG/L	0	0%		0	0	30	1	U	10	U	1.1	UJ	1.1	U	11	U
oaniline	UG/L	0	0%		0	0	30	2.5	U	25	U	2.8	UJ	2.8	U	27	U
initro-2-methylphenol	UG/L	0	0%	5	0	0	30	2.5	U	25	U	2.8	UJ	2.8	U	27	U
mophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
oro-3-methylphenol	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
oroaniline	UG/L	0	0%	5	0	0	30	1	U	10	U	1.1	UJ	1.1	U	11	U
orophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
thylphenol	UG/L	2.2	7%	5	0	2	30	1	U	10	U	1.1	U	1.1	U	11	U
oaniline	UG/L	0	0%	5	0	0	30	2.5	U	25	U	2.8	U	2.8	U	27	U
ophenol	UG/L	0	0%		0	0	30	2.5	R	25	U	2.8	UJ	2.8	R	27	U
aphthene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
aphthylene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
acene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
o(a)anthracene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
o(a)pyrene	UG/L	0	0%	10	0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
o(b)fluoranthene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
o(ghi)perylene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
o(k)fluoranthene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
-Chloroethoxy)methane	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
-Chloroethyl)ether	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
-Chloroisopropyl)ether	UG/L	0	0%		0	0	25	1	U			1.1	UJ	1.1	U		
-Ethylhexyl)phthalate	UG/L	1.1	3%	50	0	1	30	1	U	10	U	1.1	J	1.1	U	14	U
benzylphthalate	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
azole	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
sene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
butylphthalate	UG/L	0.15	3%	50	0	1	30	1	U	10	U	1.1	UJ	1.1	U	11	U
octylphthalate	UG/L	0	0%		0	0	30	1	UJ	10	U	1.1	UJ	1.1	UJ	11	U
nz(a,h)anthracene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
nzofuran	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
yl phthalate	UG/L	0.9	17%		0	5	30	1	U	10	U	0.061	J	1.1	U	0.6	J
thylphthalate	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
anthene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
ene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
chlorobenzene	UG/L	0	0%	0.35	0	0	30	1	U	10	U	0.011	UJ	1.1	U	11	U
chlorobutadiene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
chlorocyclopentadiene	UG/L	0	0%		0	0	30	1	UJ	10	U	1.1	U	1.1	UJ	11	U
chloroethane	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
o(1,2,3-cd)pyrene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
orone	UG/L	0	0%		0	0	30	1	UJ	10	U	1.1	U	1.1	UJ	11	U
rosodiphenylamine	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U

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Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-3 GROUND WATER 42033 10.95 10.95 7/7/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-4 GROUND WATER MW4-4 4.9 8.9 2/1/1994 SA ESI N		SEAD-4 MW4-4 GROUND WATER 42020 10 10 4/24/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-4 GROUND WATER 42036 10 10 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-5 GROUND WATER MW4-5 3.1 5.1 1/20/1994 SA ESI N	
ES																	
opropylamine	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
halene	UG/L	2.2	3%		0	1	30	1	U	10	U	1.1	U	1.1	U	11	U
enzene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
chlorophenol	UG/L	0	0%	1	0	0	30	2.5	UJ	25	U	2.8	R	2.8	UJ	27	U
nthrene	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
l	UG/L	0.4	3%	1	0	1	30	1	U	10	U	1.1	U	1.1	U	11	U
e	UG/L	0	0%		0	0	30	1	U	10	U	1.1	U	1.1	U	11	U
OSIVES																	
Trinitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
nitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
Trinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
nitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
nitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
otoluene	UG/L	0.87	4%		0	1	27	0.25	U			0.25	U	0.25	U		
no-4,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
otoluene	UG/L	2.6	4%		0	1	27	0.25	U			0.25	U	0.25	U		
otoluene	UG/L	10	4%		0	1	27	0.25	U			0.25	U	0.25	U		
no-2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
	UG/L	0	0%		0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
enzene	UG/L	0.89	4%		0	1	27	0.25	U			0.25	U	0.25	U		
	UG/L	0	0%		0	0	32	0.25	U	0.13	U	0.25	U	0.25	U	0.13	UJ
	UG/L	0	0%	5	0	0	32	0.25	UJ	0.13	U	0.25	U	0.25	UJ	0.13	UJ
CIDES/PCBS																	
DD	UG/L	0	0%	0.1	0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
DE	UG/L	0	0%	0.1	0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
DT	UG/L	0	0%	0.1	0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
	UG/L	0.0036	3%	0.055	0	1	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
-BHC	UG/L	0.0028	3%		0	1	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
-Chlordane	UG/L	0	0%	5	0	0	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
r-1016	UG/L	0	0%		0	0	30	0.11	U	1.2	U	0.11	U	0.1	U	1.2	UJ
r-1221	UG/L	0	0%		0	0	30	0.22	U	2.5	U	0.22	U	0.21	U	2.3	UJ
r-1232	UG/L	0	0%		0	0	30	0.11	U	1.2	U	0.11	U	0.1	U	1.2	UJ
r-1242	UG/L	0	0%		0	0	30	0.11	U	1.2	U	0.11	U	0.1	U	1.2	UJ
r-1248	UG/L	0	0%		0	0	30	0.11	U	1.2	U	0.11	U	0.1	U	1.2	UJ
r-1254	UG/L	0	0%	0.1	0	0	30	0.11	U	1.2	U	0.11	U	0.1	U	1.2	UJ
r-1260	UG/L	0.079	3%	0.1	0	1	30	0.11	U	1.2	U	0.11	U	0.1	U	1.2	UJ
BHC	UG/L	0	0%	5	0	0	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
BHC	UG/L	0.0041	3%		0	1	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
in	UG/L	0	0%	0.1	0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
ulfan I	UG/L	0	0%		0	0	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
ulfan II	UG/L	0	0%		0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
ulfan sulfate	UG/L	0	0%		0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
n	UG/L	0	0%	0.1	0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
n aldehyde	UG/L	0	0%	5	0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
n ketone	UG/L	0	0%	5	0	0	30	0.011	U	0.12	U	0.011	U	0.01	U	0.12	UJ
na-BHC/Lindane	UG/L	0	0%	5	0	0	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
na-Chlordane	UG/L	0.0054	3%		0	1	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
chlor	UG/L	0.0056	7%	0.05	0	2	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

								SEAD-4		SEAD-4		SEAD-4		SEAD-4		SEAD-4	
								MW4-3		MW4-4		MW4-4		MW4-4		MW4-5	
								GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
								42033		MW4-4		42020		42036		MW4-5	
								10.95		4.9		10		10		3.1	
								10.95		8.9		10		10		5.1	
LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	7/7/1999		2/1/1994		4/24/1999		7/8/1999		1/20/1994	
								SA		SA		SA		SA		SA	
								RI Phase 1 Step 1		ESI		RI Phase 1 Step 1		RI Phase 1 Step 1		ESI	
								N		N		N		N		N	
...ENES																	
...Epoxide	UG/L	0	0%	0.05	0	0	30	0.0056	U	0.062	U	0.0056	U	0.0052	U	0.058	UJ
chlorobenzene	UG/L	0	0%	0.35	0	0	25	0.011	UJ			0.011	U	0.01	UJ		
oxychlor	UG/L	0	0%	35	0	0	30	0.056	U	0.62	U	0.056	U	0.052	U	0.58	UJ
ohene	UG/L	0	0%		0	0	30	0.56	U	6.2	U	0.56	U	0.52	U	5.8	UJ
BICIDES																	
T	UG/L	0	0%	35	0	0	5			0.11	U					0.12	U
TP/Silvex	UG/L	0	0%	0.26	0	0	5			0.11	U					0.12	U
	UG/L	0	0%	4.4	0	0	5			1.1	U					1.2	U
B	UG/L	0	0%		0	0	5			1.1	U					1.2	U
on	UG/L	0	0%	50	0	0	5			2.5	U					2.7	U
nba	UG/L	0	0%	0.44	0	0	5			0.11	U					0.12	U
oroprop	UG/L	0	0%		0	0	5			1.1	U					1.2	U
eb	UG/L	0	0%	1	0	0	5			0.54	U					0.57	U
A	UG/L	0	0%	0.44	0	0	5			110	U					120	U
p	UG/L	0	0%		0	0	5			110	U					120	U
ALS																	
num	UG/L	3820	90%	50	25	27	30	445		1240		10.4	U	18.9	U	106	J
ony	UG/L	39.3	23%	6	3	7	30	3.7	U	33.1	J	2.2	U	3.7	U	21.4	U
ic	UG/L	6.5	17%	25	0	5	30	5.2	U	1.4	U	1.8	U	5.2	U	0.8	U
m	UG/L	121	100%	1000	0	30	30	54	J	46.7	J	37	J	41.1	J	36.1	J
ium	UG/L	6.3	10%	4	1	3	30	0.4	U	0.4	U	0.22	J	0.4	U	0.4	U
ium	UG/L	5.6	7%	5	1	2	30	0.9	U	2.1	U	0.3	U	0.9	U	2.1	U
um	UG/L	147000	100%		0	30	30	96300		123000		94200		91900		147000	
mium	UG/L	260	60%	50	1	18	30	0.8	U	21.3		1.8	J	2.9	J	2.6	U
lt	UG/L	8.2	17%		0	5	30	3.4	U	4.4	U	1.5	U	3.4	U	5.2	J
er	UG/L	37.6	30%	200	0	9	30	2.9	U	37.6		1	U	2.9	U	3.1	U
ide	UG/L	0	0%	100	0	0	28	5	U	5	U	5	U	5	U	5	U
	UG/L	6900	90%	300	15	27	30	415		2270		14.9	U	65.9	J	143	
	UG/L	2.2	13%	25	0	4	30	0.8	U	2.2	J	0.9	U	0.8	U	0.5	U
esium	UG/L	57600	100%		0	30	30	25700		19100		13700		13400		31000	
ganese	UG/L	855	93%	300	5	28	30	11.4	J	263		0.4	U	7.4	J	417	
ury	UG/L	0.04	7%	2	0	2	30	0.1	U	0.04	U	0.1	UJ	0.1	U	0.04	J
l	UG/L	9.9	40%	100	0	12	30	4	U	6.4	J	1.4	U	4	U	4	U
ssium	UG/L	14400	100%		0	30	30	1480	J	4540	J	766	J	1110	J	7320	
nium	UG/L	24	37%	10	3	11	30	2.9	U	0.7	U	1.8	U	2.9	U	0.9	J
r	UG/L	6.7	17%	50	0	5	30	2.5	U	4.2	U	0.9	U	2.5	U	4.2	U
um	UG/L	82600	100%	20000	7	30	30	7300		11200		9270		10500		14100	
um	UG/L	4.9	10%	2	3	3	30	3	U	1.2	U	1.9	U	3	U	1.2	U
dium	UG/L	11.4	30%		0	9	30	2.5	U	4.9	J	1.6	U	2.5	U	3.7	U
	UG/L	95	87%	300	0	26	30	4	J	95		6.2	J	4.3	J	42.6	

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-5 GROUND WATER 42021 7 7 4/24/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-6 GROUND WATER 42030 9 9 4/1/1999 DU RI Phase 1 Step 1 N	SEAD-4 MW4-6 GROUND WATER 42022 9 9 4/1/1999 SA RI Phase 1 Step 1 N	SEAD-4 MW4-6 GROUND WATER 42040 11 11 7/10/1999 DU RI Phase 1 Step 1 N	SEAD-4 MW4-6 GROUND WATER 42039 11 11 7/10/1999 SA RI Phase 1 Step 1 N
ATILES												
,2-Tetrachloroethane	UG/L	0	0%		0	0	11				0.5 U	0.5 U
-Trichloroethane	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
2,2-Tetrachloroethane	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
2-Trichloroethane	UG/L	0	0%		0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
Dichloroethane	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
Dichloroethene	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
Dichloropropene	UG/L	0	0%		0	0	11				0.5 U	0.5 U
3-Trichlorobenzene	UG/L	0	0%		0	0	11				0.5 U	0.5 U
3-Trichloropropane	UG/L	0	0%		0	0	11				0.5 U	0.5 U
4-Trichlorobenzene	UG/L	0	0%	5	0	0	25	1 U	1 U	1 U	0.5 U	0.5 U
4-Trimethylbenzene	UG/L	0	0%		0	0	11				0.5 U	0.5 U
Dibromo-3-chloropropane	UG/L	0	0%		0	0	25	1 U	1 U	1 U	0.5 U	0.5 U
Dibromoethane	UG/L	0	0%		0	0	25	1 U	1 U	1 U	0.5 U	0.5 U
Dichlorobenzene	UG/L	0	0%	4.7	0	0	25	1 U	1 U	1 U	0.5 U	0.5 U
Dichloroethane	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
Dichloroethene (total)	UG/L	0	0%	5	0	0	5					
Dichloropropane	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
5-Trimethylbenzene	UG/L	0	0%		0	0	11				0.5 U	0.5 U
Dichlorobenzene	UG/L	0	0%	5	0	0	25	1 U	1 U	1 U	0.5 U	0.5 U
Dichloropropane	UG/L	0	0%		0	0	11				0.5 U	0.5 U
Dichlorobenzene	UG/L	0	0%	4.7	0	0	25	1 UJ	1 U	1 U	0.5 U	0.5 U
Dichloropropane	UG/L	0	0%		0	0	11				0.5 UJ	0.5 UJ
lorotoluene	UG/L	0	0%		0	0	11				0.5 U	0.5 U
tropropane	UG/L	0	0%		0	0	11				25 U	25 U
one	UG/L	8	3%		0	1	30	5 U	5 U	5 U	5 U	5 U
ionitrile	UG/L	0	0%		0	0	11				0.5 U	0.5 U
chloride	UG/L	0	0%		0	0	11				0.5 U	0.5 U
zene	UG/L	2	3%	0.7	1	1	30	1 U	1 U	1 U	0.5 U	0.5 U
nobenzene	UG/L	0	0%		0	0	11				0.5 U	0.5 U
nochloromethane	UG/L	0	0%		0	0	25	1 U	1 U	1 U	0.5 U	0.5 U
nodichloromethane	UG/L	0	0%		0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
noform	UG/L	0	0%		0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
l chloride	UG/L	0	0%		0	0	11				0.5 U	0.5 U
on disulfide	UG/L	0	0%		0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
on tetrachloride	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
racetonitrile	UG/L	0	0%		0	0	11				50 U	50 U
robenzene	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
rodibromomethane	UG/L	0	0%		0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
roethane	UG/L	0	0%	5	0	0	30	1 UJ	1 U	1 U	0.5 U	0.5 U
roform	UG/L	0	0%	7	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
1,2-Dichloroethene	UG/L	0	0%	5	0	0	25	1 U	1 U	1 U	0.5 U	0.5 U
1,3-Dichloropropene	UG/L	0	0%	5	0	0	30	1 U	1 U	1 U	0.5 U	0.5 U
lorodifluoromethane	UG/L	0	0%	5	0	0	11				0.5 U	0.5 U
loromethyl methyl ketone	UG/L	0	0%		0	0	11				25 U	25 U
l benzene	UG/L	6	3%	5	1	1	30	1 U	1 U	1 U	0.5 U	0.5 U
l ether	UG/L	0	0%	50	0	0	11				0.5 U	0.5 U
l methacrylate	UG/L	0	0%		0	0	11				0.5 U	0.5 U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

ALYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-5 GROUND WATER 42021 7 7 4/24/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42030 9 9 4/1/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42022 9 9 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42040 11 11 7/10/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42039 11 11 7/10/1999 SA RI Phase 1 Step 1 N	
ATILES																	
achlorobutadiene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
achloroethane	UG/L	0	0%		0	0	11							0.5	U	0.5	U
opylbenzene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hacrylonitrile	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hyl 2-propenoate	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hyl Tertbutyl Ether	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hyl bromide	UG/L	0	0%		0	0	30	1	U	1	U	1	U	0.5	UJ	0.5	UJ
hyl butyl ketone	UG/L	0	0%		0	0	30	5	U	5	U	5	U	5	UJ	5	UJ
hyl chloride	UG/L	0	0%	5	0	0	30	1	UJ	1	U	1	U	0.5	U	0.5	U
hyl ethyl ketone	UG/L	0	0%	50	0	0	30	5	U	5	U	5	U	5	R	5	R
hyl iodide	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hyl isobutyl ketone	UG/L	0	0%		0	0	30	5	U	5	U	5	U	2.5	U	2.5	U
hyl methacrylate	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hylene bromide	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hylene chloride	UG/L	0	0%	5	0	0	30	2	U	2	U	2	U	0.5	U	0.5	U
hthalene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
obenzene	UG/L	0	0%		0	0	11							25	R	25	R
o Xylene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
tachloroethane	UG/L	0	0%		0	0	11							0.5	UJ	0.5	UJ
pionitrile	UG/L	0	0%		0	0	11							25	R	25	R
pylbenzene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
ene	UG/L	0	0%		0	0	30	1	U	1	U	1	U	0.5	U	0.5	U
rachloroethene	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	0.5	U	0.5	U
rahydrofuran	UG/L	0	0%		0	0	11							2.5	U	2.5	U
uene	UG/L	0.4	3%	5	0	1	30	1	U	1	U	1	U	0.5	U	0.5	U
al Xylenes	UG/L	4	3%	5	0	1	30	1	U	1	U	1	U	0.5	U	0.5	U
ns-1,2-Dichloroethene	UG/L	0	0%	5	0	0	25	1	U	1	U	1	U	0.5	U	0.5	U
ns-1,3-Dichloropropene	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	0.5	U	0.5	U
ns-1,4-Dichloro-2-butene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hloroethene	UG/L	0	0%	5	0	0	30	1	U	1	U	1	U	0.5	U	0.5	U
hlorofluoromethane	UG/L	0	0%	5	0	0	11							0.5	U	0.5	U
l chloride	UG/L	0	0%	2	0	0	30	1	U	1	U	1	U	0.5	U	0.5	U
utylbenzene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
hlorotoluene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
opropyltoluene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
-Butylbenzene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
-Butylbenzene	UG/L	0	0%		0	0	11							0.5	U	0.5	U
MIVOLATILES																	
4-Trichlorobenzene	UG/L	0	0%	5	0	0	30	1.1	UJ	1.1	U	1	U	1.1	U	1	U
Dichlorobenzene	UG/L	0	0%	4.7	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Dichlorobenzene	UG/L	0	0%	4.7	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
-oxybis(1-Chloropropane)	UG/L	0	0%		0	0	5										
5-Trichlorophenol	UG/L	0	0%		0	0	30	2.8	U	2.7	U	2.5	U	2.6	U	2.5	U
6-Trichlorophenol	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Dichlorophenol	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Dimethylphenol	UG/L	0	0%	5	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Dinitrophenol	UG/L	0	0%		0	0	30	2.8	R	2.7	R	2.5	R	2.6	UJ	2.5	UJ

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-5 GROUND WATER 42021 7 7 4/24/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42030 9 9 4/1/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42022 9 9 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42040 11 11 7/10/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42039 11 11 7/10/1999 SA RI Phase 1 Step 1 N	
TILES																	
nitrotoluene	UG/L	0	0%	5	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
nitrotoluene	UG/L	0	0%	5	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ronaphthalene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
rophenol	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ylnaphthalene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ylphenol	UG/L	0	0%	5	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
aniline	UG/L	0	0%		0	0	30	2.8	U	2.7	U	2.5	U	2.6	U	2.5	U
phenol	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ichlorobenzidine	UG/L	0	0%		0	0	30	1.1	UJ	1.1	U	1	U	1.1	U	1	U
aniline	UG/L	0	0%		0	0	30	2.8	UJ	2.7	R	2.5	R	2.6	U	2.5	U
nitro-2-methylphenol	UG/L	0	0%	5	0	0	30	2.8	UJ	2.7	U	2.5	U	2.6	U	2.5	U
nophenyl phenyl ether	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ro-3-methylphenol	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
roaniline	UG/L	0	0%	5	0	0	30	1.1	UJ	1.1	U	1	U	1.1	U	1	U
rophenyl phenyl ether	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
nylphenol	UG/L	2.2	7%	5	0	2	30	1.1	U	1.1	U	1	U	1.1	U	1	U
aniline	UG/L	0	0%	5	0	0	30	2.8	U	2.7	U	2.5	U	2.6	U	2.5	U
phenol	UG/L	0	0%		0	0	30	2.8	UJ	2.7	U	2.5	U	2.6	R	2.5	R
phthene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
phthylene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
cene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
(a)anthracene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
(a)pyrene	UG/L	0	0%	10	0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
(b)fluoranthene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
(ghi)perylene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
(k)fluoranthene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Chloroethoxy)methane	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Chloroethyl)ether	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
Chloroisopropyl)ether	UG/L	0	0%		0	0	25	1.1	UJ	1.1	U	1	U	1.1	U	1	U
Ethylhexyl)phthalate	UG/L	1.1	3%	50	0	1	30	1.1	U	1.1	U	1	U	1.1	U	1	U
enzylphthalate	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
zole	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
utylphthalate	UG/L	0.15	3%	50	0	1	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ctylphthalate	UG/L	0	0%		0	0	30	1.1	UJ	1.1	U	1	U	1.1	UJ	1	UJ
z(a,h)anthracene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
zofuran	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
l phthalate	UG/L	0.9	17%		0	5	30	0.072	J	1.1	U	1	U	1.1	U	1	U
hylphthalate	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
nthene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ne	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
chlorobenzene	UG/L	0	0%	0.35	0	0	30	0.011	UJ	1.1	U	1	U	1.1	U	1	U
chlorobutadiene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
chlorocyclopentadiene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	UJ	1	UJ
chloroethane	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
o(1,2,3-cd)pyrene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
prone	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	UJ	1	UJ
osodiphenylamine	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-5 GROUND WATER 42021 7 7 4/24/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42030 9 9 4/1/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42022 9 9 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42040 11 11 7/10/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42039 11 11 7/10/1999 SA RI Phase 1 Step 1 N	
TILES																	
-bis(2-chloroisopropyl)amine	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
thalene	UG/L	2.2	3%		0	1	30	1.1	U	1.1	U	1	U	1.1	U	1	U
benzene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
achlorophenol	UG/L	0	0%	1	0	0	30	2.8	R	2.7	U	2.5	U	2.6	UJ	2.5	UJ
anthrene	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ol	UG/L	0.4	3%	1	0	1	30	1.1	U	1.1	U	1	U	1.1	U	1	U
ne	UG/L	0	0%		0	0	30	1.1	U	1.1	U	1	U	1.1	U	1	U
LOSIVES																	
-Trinitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
dinitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
-Trinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
rotoluene	UG/L	0.87	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
ino-4,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
rotoluene	UG/L	2.6	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
rotoluene	UG/L	10	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
ino-2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
benzene	UG/L	0.89	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	UJ	0.25	UJ
TICIDES/PCBS																	
DD	UG/L	0	0%	0.1	0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
DE	UG/L	0	0%	0.1	0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
DT	UG/L	0	0%	0.1	0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
n	UG/L	0.0036	3%	0.055	0	1	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
a-BHC	UG/L	0.0028	3%		0	1	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
a-Chlordane	UG/L	0	0%	5	0	0	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
or-1016	UG/L	0	0%		0	0	30	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U
or-1221	UG/L	0	0%		0	0	30	0.22	U	0.22	U	0.2	U	0.2	U	0.2	U
or-1232	UG/L	0	0%		0	0	30	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U
or-1242	UG/L	0	0%		0	0	30	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U
or-1248	UG/L	0	0%		0	0	30	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U
or-1254	UG/L	0	0%	0.1	0	0	30	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U
or-1260	UG/L	0.079	3%	0.1	0	1	30	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U
-BHC	UG/L	0	0%	5	0	0	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
-BHC	UG/L	0.0041	3%		0	1	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
rin	UG/L	0	0%	0.1	0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
sulfan I	UG/L	0	0%		0	0	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
sulfan II	UG/L	0	0%		0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
sulfan sulfate	UG/L	0	0%		0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
n	UG/L	0	0%	0.1	0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
n aldehyde	UG/L	0	0%	5	0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
n ketone	UG/L	0	0%	5	0	0	30	0.011	U	0.011	U	0.01	U	0.01	U	0.01	U
ma-BHC/Lindane	UG/L	0	0%	5	0	0	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
ma-Chlordane	UG/L	0.0054	3%		0	1	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
achlor	UG/L	0.0056	7%	0.05	0	2	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

TE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-5 GROUND WATER 42021 7 7 4/24/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42030 9 9 4/1/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42022 9 9 4/1/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42040 11 11 7/10/1999 DU RI Phase 1 Step 1 N		SEAD-4 MW4-6 GROUND WATER 42039 11 11 7/10/1999 SA RI Phase 1 Step 1 N	
ldrin epoxide	UG/L	0	0%	0.05	0	0	30	0.0056	U	0.0054	U	0.005	U	0.005	U	0.005	U
hlorobenzene	UG/L	0	0%	0.35	0	0	25	0.011	U	0.011	U	0.01	U	0.01	UJ	0.01	UJ
xychlor	UG/L	0	0%	35	0	0	30	0.056	U	0.054	U	0.05	U	0.05	U	0.05	U
hene	UG/L	0	0%		0	0	30	0.56	U	0.54	U	0.5	U	0.5	U	0.5	U
CIDES																	
	UG/L	0	0%	35	0	0	5										
P/Silvex	UG/L	0	0%	0.26	0	0	5										
	UG/L	0	0%	4.4	0	0	5										
	UG/L	0	0%		0	0	5										
n	UG/L	0	0%	50	0	0	5										
ba	UG/L	0	0%	0.44	0	0	5										
roprop	UG/L	0	0%		0	0	5										
b	UG/L	0	0%	1	0	0	5										
	UG/L	0	0%	0.44	0	0	5										
	UG/L	0	0%		0	0	5										
LS																	
um	UG/L	3820	90%	50	25	27	30	149		115	J	22	J	39.5	J	73	J
ny	UG/L	39.3	23%	6	3	7	30	2.2	U	2.2	U	2.8	J	3.7	U	5.2	U
c	UG/L	6.5	17%	25	0	5	30	1.8	U	1.8	U	1.8	U	5.2	U	5.2	U
n	UG/L	121	100%	1000	0	30	30	38.5	J	18.6	J	19.7	J	28.2	J	99.1	J
um	UG/L	6.3	10%	4	1	3	30	0.26	J	0.1	U	0.1	U	0.4	U	0.4	U
um	UG/L	5.6	7%	5	1	2	30	0.3	U	0.3	U	0.3	U	0.9	U	0.55	J
m	UG/L	147000	100%		0	30	30	128000		46300		48900		68100		73000	
ium	UG/L	260	60%	50	1	18	30	0.7	U	1	J	0.7	U	0.8	U	0.8	U
	UG/L	8.2	17%		0	5	30	1.5	U	1.5	U	1.5	U	3.4	U	2.5	U
r	UG/L	37.6	30%	200	0	9	30	1.9	J	2.4	U	2.4	U	2.9	U	4.5	J
de	UG/L	0	0%	100	0	0	28	5	U	5	U	5	U	5	U	5	U
	UG/L	6900	90%	300	15	27	30	296		153	J	245	J	20.8	U	76.7	J
	UG/L	2.2	13%	25	0	4	30	0.9	U	0.9	U	0.9	U	0.8	U	0.8	U
sium	UG/L	57600	100%		0	30	30	18400		5420		5700		8860		8890	
anese	UG/L	855	93%	300	5	28	30	8.5	J	27.4		30.2		116		117	
ry	UG/L	0.04	7%	2	0	2	30	0.1	UJ	0.1	U	0.1	U	0.1	U	0.1	U
	UG/L	9.9	40%	100	0	12	30	2.2	J	2	J	1.4	U	4	U	2.3	U
sium	UG/L	14400	100%		0	30	30	1050	J	260	J	366	J	1110	J	1090	J
um	UG/L	24	37%	10	3	11	30	3.2	J	1.8	U	1.8	U	2.9	U	2.9	UJ
	UG/L	6.7	17%	50	0	5	30	0.9	U	0.9	U	0.9	U	2.5	U	2.5	J
m	UG/L	82600	100%	20000	7	30	30	11200		2030	J	2260	J	6600		5560	
um	UG/L	4.9	10%	2	3	3	30	1.9	U	1.9	U	1.9	U	3	U	2.2	U
lium	UG/L	11.4	30%		0	9	30	1.6	U	1.6	U	1.6	U	2.5	U	2.9	U
	UG/L	95	87%	300	0	26	30	10.8	J	48	J	2.3	J	3	UJ	81.1	J

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-7 GROUND WATER 42023 6.1 6.1 3/29/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-7 GROUND WATER 42042 8.1 8.1 7/10/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-8 GROUND WATER 42024 8.8 8.8 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-8 GROUND WATER 42037 11 11 7/10/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 42025 6.5 6.5 3/30/1999 SA RI Phase 1 Step 1 N	
TILES																	
2-Tetrachloroethane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
2-Tetrachloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
Trichloroethane	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloropropene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichlorobenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichloropropane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
Trichlorobenzene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
Trimethylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ibromo-3-chloropropane	UG/L	0	0%		0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ibromoethane	UG/L	0	0%		0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichlorobenzene	UG/L	0	0%	4.7	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ichloroethene (total)	UG/L	0	0%	5	0	0	5										
ichloropropane	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
Trimethylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ichlorobenzene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichloropropane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ichlorobenzene	UG/L	0	0%	4.7	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
ichloropropane	UG/L	0	0%		0	0	11			0.5	U			0.5	UJ		
orotoluene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
opropane	UG/L	0	0%		0	0	11			25	U			25	U		
ne	UG/L	8	3%		0	1	30	5	U	5	U	5	U	5	U	5	U
nitrile	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
hloride	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ene	UG/L	2	3%	0.7	1	1	30	1	U	0.5	U	1	U	0.5	U	1	U
obenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ochloromethane	UG/L	0	0%		0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
odichloromethane	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
oform	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
chloride	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
n disulfide	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
n tetrachloride	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
acetonitrile	UG/L	0	0%		0	0	11			50	U			50	U		
obenzene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
odibromomethane	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
oethane	UG/L	0	0%	5	0	0	30	1	U	0.5	UJ	1	U	0.5	U	1	U
oform	UG/L	0	0%	7	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
,2-Dichloroethene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
,3-Dichloropropene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
prodifluoromethane	UG/L	0	0%	5	0	0	11			0.5	U			0.5	U		
promethyl methyl ketone	UG/L	0	0%		0	0	11			25	U			25	U		
benzene	UG/L	6	3%	5	1	1	30	1	U	0.5	U	1	U	0.5	U	1	U
ether	UG/L	0	0%	50	0	0	11			0.5	U			0.5	U		
methacrylate	UG/L	0	0%		0	0	11			0.5	U			0.5	U		

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-7 GROUND WATER 42023 6.1 6.1 3/29/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-7 GROUND WATER 42042 8.1 8.1 7/10/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-8 GROUND WATER 42024 8.8 8.8 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-8 GROUND WATER 42037 11 11 7/10/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 42025 6.5 6.5 3/30/1999 SA RI Phase 1 Step 1 N	
[illegible]butadiene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
hloroethane	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
pylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
crylonitrile	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
l 2-propenoate	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
l Tertbutyl Ether	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
l bromide	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	UJ	1	U
l butyl ketone	UG/L	0	0%		0	0	30	5	U	5	U	5	U	5	UJ	5	U
l chloride	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
l ethyl ketone	UG/L	0	0%	50	0	0	30	5	U	5	R	5	U	5	R	5	U
l iodide	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
l isobutyl ketone	UG/L	0	0%		0	0	30	5	U	2.5	U	5	U	2.5	U	5	U
l methacrylate	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
lene bromide	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
lene chloride	UG/L	0	0%	5	0	0	30	2	U	0.5	U	2	U	0.5	U	2	U
halene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
enzene	UG/L	0	0%		0	0	11			25	R			25	R		
Xylene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
chloroethane	UG/L	0	0%		0	0	11			0.5	UJ			0.5	UJ		
nitrile	UG/L	0	0%		0	0	11			25	R			25	R		
lbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
ne	UG/L	0	0%		0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
hloroethene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
ydrofuran	UG/L	0	0%		0	0	11			2.5	U			2.5	U		
ne	UG/L	0.4	3%	5	0	1	30	1	U	0.5	U	1	U	0.5	U	1	U
Xylenes	UG/L	4	3%	5	0	1	30	1	U	0.5	U	1	U	0.5	U	1	U
-1,2-Dichloroethene	UG/L	0	0%	5	0	0	25	1	U	0.5	U	1	U	0.5	U	1	U
-1,3-Dichloropropene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
-1,4-Dichloro-2-butene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
proethene	UG/L	0	0%	5	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
profluoromethane	UG/L	0	0%	5	0	0	11			0.5	U			0.5	U		
chloride	UG/L	0	0%	2	0	0	30	1	U	0.5	U	1	U	0.5	U	1	U
lbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
protoluene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
propyltoluene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
utylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
utylbenzene	UG/L	0	0%		0	0	11			0.5	U			0.5	U		
VOLATILES																	
Trichlorobenzene	UG/L	0	0%	5	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorobenzene	UG/L	0	0%	5	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
xybis(1-Chloropropane)	UG/L	0	0%		0	0	5										
Trichlorophenol	UG/L	0	0%		0	0	30	2.5	U	3	U	2.6	U	2.8	U	2.8	U
Trichlorophenol	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorophenol	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
methylphenol	UG/L	0	0%	5	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
nitrophenol	UG/L	0	0%		0	0	30	2.5	UJ	3	UJ	2.6	UJ	2.8	UJ	2.8	R

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-7 GROUND WATER 42023 6.1 6.1 3/29/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-7 GROUND WATER 42042 8.1 8.1 7/10/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-8 GROUND WATER 42024 8.8 8.8 3/30/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-8 GROUND WATER 42037 11 11 7/10/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 42025 6.5 6.5 3/30/1999 SA RI Phase 1 Step 1 N	
[illegible]luene	UG/L	0	0%	5	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
initrotoluene	UG/L	0	0%	5	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
oronaphthalene	UG/L	0	0%		0	0	30	1	U	1.2	UJ	1	U	1.1	U	1.1	U
orophenol	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
hylnaphthalene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
hylphenol	UG/L	0	0%	5	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
oaniline	UG/L	0	0%		0	0	30	2.5	U	3	U	2.6	U	2.8	U	2.8	U
ophenol	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
ichlorobenzidine	UG/L	0	0%		0	0	30	1	UJ	1.2	U	1	UJ	1.1	U	1.1	U
oaniline	UG/L	0	0%		0	0	30	2.5	UJ	3	U	2.6	UJ	2.8	U	2.8	R
initro-2-methylphenol	UG/L	0	0%	5	0	0	30	2.5	UJ	3	U	2.6	UJ	2.8	U	2.8	U
mophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
oro-3-methylphenol	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
oroaniline	UG/L	0	0%	5	0	0	30	1	UJ	1.2	U	1	UJ	1.1	U	1.1	U
orophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
hylphenol	UG/L	2.2	7%	5	0	2	30	1	U	1.2	U	1	U	1.1	U	1.1	U
oaniline	UG/L	0	0%	5	0	0	30	2.5	U	3	UJ	2.6	U	2.8	U	2.8	U
ophenol	UG/L	0	0%		0	0	30	2.5	U	3	R	2.6	U	2.8	R	2.8	U
aphthene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
aphthylene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
acene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
o(a)anthracene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
o(a)pyrene	UG/L	0	0%	10	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
o(b)fluoranthene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
o(ghi)perylene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
o(k)fluoranthene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
-Chloroethoxy)methane	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
-Chloroethyl)ether	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
-Chloroisopropyl)ether	UG/L	0	0%		0	0	25	1	U	1.2	U	1	U	1.1	U	1.1	U
-Ethylhexyl)phthalate	UG/L	1.1	3%	50	0	1	30	1	U	1.2	U	1.3	U	2.2	U	4.2	U
enzylphthalate	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
azole	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
ene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
utylphthalate	UG/L	0.15	3%	50	0	1	30	1	U	1.2	U	1	U	1.1	U	1.1	U
ctylphthalate	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	UJ	1.1	U
z(a,h)anthracene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
zofuran	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
l phthalate	UG/L	0.9	17%		0	5	30	1	U	1.2	U	1	U	1.1	U	1.1	U
thylphthalate	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
anthene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
ene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorobenzene	UG/L	0	0%	0.35	0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorobutadiene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorocyclopentadiene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	UJ	1.1	U
chloroethane	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
o(1,2,3-cd)pyrene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
orone	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	UJ	1.1	U
rosodiphenylamine	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U

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[illegible]propylamine	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
halene	UG/L	2.2	3%		0	1	30	1	U	1.2	U	1	U	1.1	U	1.1	U
enzene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
chlorophenol	UG/L	0	0%	1	0	0	30	2.5	U	3	U	2.6	U	2.8	UJ	2.8	U
nthrene	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
l	UG/L	0.4	3%	1	0	1	30	1	U	1.2	U	1	U	1.1	U	0.4	J
e	UG/L	0	0%		0	0	30	1	U	1.2	U	1	U	1.1	U	1.1	U
OSIVES																	
Trinitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
nitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Trinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
nitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
nitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
otoluene	UG/L	0.87	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
no-4,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
otoluene	UG/L	2.6	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
otoluene	UG/L	10	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
no-2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
enzene	UG/L	0.89	4%		0	1	27	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
	UG/L	0	0%	5	0	0	32	0.25	U	0.25	UJ	0.25	U	0.25	UJ	0.25	U
ICIDES/PCBS																	
DD	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
DE	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
DT	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
	UG/L	0.0036	3%	0.055	0	1	30	0.0036	J	0.0057	U	0.0051	U	0.005	U	0.005	U
-BHC	UG/L	0.0028	3%		0	1	30	0.0052	U	0.0057	U	0.0051	U	0.005	U	0.005	U
-Chlordane	UG/L	0	0%	5	0	0	30	0.0052	U	0.0057	U	0.0051	U	0.005	U	0.005	U
r-1016	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U
r-1221	UG/L	0	0%		0	0	30	0.21	U	0.23	U	0.2	U	0.2	U	0.2	U
r-1232	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U
r-1242	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U
r-1248	UG/L	0	0%		0	0	30	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U
r-1254	UG/L	0	0%	0.1	0	0	30	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U
r-1260	UG/L	0.079	3%	0.1	0	1	30	0.1	U	0.11	U	0.1	U	0.1	U	0.1	U
BHC	UG/L	0	0%	5	0	0	30	0.0052	U	0.0057	U	0.0051	U	0.005	U	0.005	U
BHC	UG/L	0.0041	3%		0	1	30	0.0052	U	0.0057	U	0.0051	U	0.0041	J	0.005	U
in	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
ulfan I	UG/L	0	0%		0	0	30	0.0052	U	0.0057	U	0.0051	U	0.005	U	0.005	U
ulfan II	UG/L	0	0%		0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
ulfan sulfate	UG/L	0	0%		0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
n	UG/L	0	0%	0.1	0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
n aldehyde	UG/L	0	0%	5	0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
n ketone	UG/L	0	0%	5	0	0	30	0.01	U	0.011	U	0.01	U	0.01	U	0.01	U
ma-BHC/Lindane	UG/L	0	0%	5	0	0	30	0.0052	U	0.0057	U	0.0051	U	0.005	U	0.005	U
ma-Chlordane	UG/L	0.0054	3%		0	1	30	0.0052	U	0.0057	U	0.0051	U	0.005	U	0.005	U
chlor	UG/L	0.0056	7%	0.05	0	2	30	0.0038	J	0.0057	U	0.0051	U	0.005	U	0.005	U

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ATHES																	
actan epoxide	UG/L	0	0%	0.05	0	0	30	0.0052	U	0.0057	U	0.0051	U	0.005	U	0.005	U
chlorobenzene	UG/L	0	0%	0.35	0	0	25	0.01	U	0.011	UJ	0.01	U	0.01	UJ	0.01	U
oxychlor	UG/L	0	0%	35	0	0	30	0.052	U	0.057	U	0.051	U	0.05	U	0.05	U
phene	UG/L	0	0%		0	0	30	0.52	U	0.57	U	0.51	U	0.5	U	0.5	U
BICIDES																	
-T	UG/L	0	0%	35	0	0	5										
-TP/Silvex	UG/L	0	0%	0.26	0	0	5										
	UG/L	0	0%	4.4	0	0	5										
DB	UG/L	0	0%		0	0	5										
oon	UG/L	0	0%	50	0	0	5										
nba	UG/L	0	0%	0.44	0	0	5										
oroprop	UG/L	0	0%		0	0	5										
seb	UG/L	0	0%	1	0	0	5										
A	UG/L	0	0%	0.44	0	0	5										
P	UG/L	0	0%		0	0	5										
ALS																	
inum	UG/L	3820	90%	50	25	27	30	178	J	[redacted]		76	J	[redacted]		[redacted]	J
mony	UG/L	39.3	23%	6	3	7	30	2.2	U	3.7	U	3.2	J	3.7	U	3.7	J
nic	UG/L	6.5	17%	25	0	5	30	1.8	U	5.2	U	1.8	U	5.5	J	1.8	U
m	UG/L	121	100%	1000	0	30	30	19.5	J	121	J	20.3	J	39.2	J	32	J
lium	UG/L	6.3	10%	4	1	3	30	0.1	U	0.4	U	0.1	U	0.4	U	0.1	U
nium	UG/L	5.6	7%	5	1	2	30	0.3	U	0.9	U	0.3	U	0.9	U	0.3	U
um	UG/L	147000	100%		0	30	30	43800		102000		57300		107000		26400	
mium	UG/L	260	60%	50	1	18	30	0.7	U	9.3	J	2.3	J	1.8	J	[redacted]	
lt	UG/L	8.2	17%		0	5	30	1.5	U	3.9	J	1.5	U	3.4	U	1.5	U
per	UG/L	37.6	30%	200	0	9	30	2.4	U	6.6	J	2.4	U	3.2	J	2.4	U
nide	UG/L	0	0%	100	0	0	28	5	U			5	U	5	U	5	U
	UG/L	6900	90%	300	15	27	30	196		[redacted]		228		[redacted]		[redacted]	
	UG/L	2.2	13%	25	0	4	30	0.9	UJ	1	J	0.9	UJ	0.8	U	0.9	UJ
nesium	UG/L	57600	100%		0	30	30	5680		20200		6150		20200		6500	
ganese	UG/L	855	93%	300	5	28	30	42.8		187		30.4		[redacted]		13.5	J
ury	UG/L	0.04	7%	2	0	2	30	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
el	UG/L	9.9	40%	100	0	12	30	1.5	J	9.9	J	1.4	U	4	U	2.1	J
ssium	UG/L	14400	100%		0	30	30	1560	J	9450		968	J	8580		1130	J
nium	UG/L	24	37%	10	3	11	30	2.6	J	2.9	UJ	[redacted]		3	J	1.8	U
r	UG/L	6.7	17%	50	0	5	30	0.9	U	2.5	U	1.2	J	2.5	U	0.9	U
um	UG/L	82600	100%	20000	7	30	30	5740		9380		3840	J	9930		6760	
ium	UG/L	4.9	10%	2	3	3	30	[redacted]	J	3	U	1.9	U	3	U	1.9	U
dium	UG/L	11.4	30%		0	9	30	1.6	U	11.4	J	1.9	J	2.5	U	1.6	J
	UG/L	95	87%	300	0	26	30	3.5	J	29.5		8.8	J	3	U	12.2	J

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

YTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-9 GROUND WATER 42038 8 8 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 042038A 8 8 7/8/1999 SA RI Phase 1 Step 1 N	
TILES											
2-Tetrachloroethane	UG/L	0	0%		0	0	11	0.5	U		
Trichloroethane	UG/L	0	0%	5	0	0	30	0.5	U		
2-Tetrachloroethane	UG/L	0	0%	5	0	0	30	0.5	U		
Trichloroethane	UG/L	0	0%		0	0	30	0.5	U		
chloroethane	UG/L	0	0%	5	0	0	30	0.5	U		
chloroethene	UG/L	0	0%	5	0	0	30	0.5	U		
chloropropene	UG/L	0	0%		0	0	11	0.5	U		
Trichlorobenzene	UG/L	0	0%		0	0	11	0.5	U		
Trichloropropane	UG/L	0	0%		0	0	11	0.5	U		
Trichlorobenzene	UG/L	0	0%	5	0	0	25	0.5	U		
Trimethylbenzene	UG/L	0	0%		0	0	11	0.5	U		
bromo-3-chloropropane	UG/L	0	0%		0	0	25	0.5	U		
bromoethane	UG/L	0	0%		0	0	25	0.5	U		
chlorobenzene	UG/L	0	0%	4.7	0	0	25	0.5	U		
chloroethane	UG/L	0	0%	5	0	0	30	0.5	U		
chloroethene (total)	UG/L	0	0%	5	0	0	5				
chloropropane	UG/L	0	0%	5	0	0	30	0.5	U		
Trimethylbenzene	UG/L	0	0%		0	0	11	0.5	U		
chlorobenzene	UG/L	0	0%	5	0	0	25	0.5	U		
chloropropane	UG/L	0	0%		0	0	11	0.5	U		
chlorobenzene	UG/L	0	0%	4.7	0	0	25	0.5	U		
chloropropane	UG/L	0	0%		0	0	11	0.5	U		
protoluene	UG/L	0	0%		0	0	11	0.5	U		
ppropane	UG/L	0	0%		0	0	11	25	U		
ne	UG/L	8	3%		0	1	30	5	U		
nitrile	UG/L	0	0%		0	0	11	0.5	U		
nloride	UG/L	0	0%		0	0	11	0.5	U		
ne	UG/L	2	3%	0.7	1	1	30	0.5	U		
benzene	UG/L	0	0%		0	0	11	0.5	U		
chloromethane	UG/L	0	0%		0	0	25	0.5	U		
dichloromethane	UG/L	0	0%		0	0	30	0.5	U		
form	UG/L	0	0%		0	0	30	0.5	U		
chloride	UG/L	0	0%		0	0	11	0.5	U		
n disulfide	UG/L	0	0%		0	0	30	0.5	U		
n tetrachloride	UG/L	0	0%	5	0	0	30	0.5	U		
acetonitrile	UG/L	0	0%		0	0	11	50	U		
benzene	UG/L	0	0%	5	0	0	30	0.5	U		
dibromomethane	UG/L	0	0%		0	0	30	0.5	U		
ethane	UG/L	0	0%	5	0	0	30	0.5	UJ		
form	UG/L	0	0%	7	0	0	30	0.5	U		
2-Dichloroethene	UG/L	0	0%	5	0	0	25	0.5	U		
3-Dichloropropene	UG/L	0	0%	5	0	0	30	0.5	U		
rodifluoromethane	UG/L	0	0%	5	0	0	11	0.5	U		
romethyl methyl ketone	UG/L	0	0%		0	0	11	25	U		
benzene	UG/L	6	3%	5	1	1	30	0.5	U		
ether	UG/L	0	0%	50	0	0	11	0.5	U		
methacrylate	UG/L	0	0%		0	0	11	0.5	U		

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-9 GROUND WATER 42038 8 8 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 042038A 8 8 7/8/1999 SA RI Phase 1 Step 1 N	
ATILES											
chlorobutadiene	UG/L	0	0%		0	0	11	0.5	U		
chloroethane	UG/L	0	0%		0	0	11	0.5	U		
opylbenzene	UG/L	0	0%		0	0	11	0.5	U		
acrylonitrile	UG/L	0	0%		0	0	11	0.5	U		
yl 2-propenoate	UG/L	0	0%		0	0	11	0.5	U		
yl Tertbutyl Ether	UG/L	0	0%		0	0	11	0.5	U		
yl bromide	UG/L	0	0%		0	0	30	0.5	U		
yl butyl ketone	UG/L	0	0%		0	0	30	5	U		
yl chloride	UG/L	0	0%	5	0	0	30	0.5	U		
yl ethyl ketone	UG/L	0	0%	50	0	0	30	5	R		
yl iodide	UG/L	0	0%		0	0	11	0.5	U		
yl isobutyl ketone	UG/L	0	0%		0	0	30	2.5	U		
yl methacrylate	UG/L	0	0%		0	0	11	0.5	U		
ylene bromide	UG/L	0	0%		0	0	11	0.5	U		
ylene chloride	UG/L	0	0%	5	0	0	30	0.5	U		
thalene	UG/L	0	0%		0	0	11	0.5	U		
benzene	UG/L	0	0%		0	0	11	25	R		
o Xylene	UG/L	0	0%		0	0	11	0.5	U		
achloroethane	UG/L	0	0%		0	0	11	0.5	UJ		
onitrile	UG/L	0	0%		0	0	11	25	R		
ylbenzene	UG/L	0	0%		0	0	11	0.5	U		
ne	UG/L	0	0%		0	0	30	0.5	U		
chloroethene	UG/L	0	0%	5	0	0	30	0.5	U		
hydrofuran	UG/L	0	0%		0	0	11	2.5	U		
ene	UG/L	0.4	3%	5	0	1	30	0.5	U		
Xylenes	UG/L	4	3%	5	0	1	30	0.5	U		
s-1,2-Dichloroethene	UG/L	0	0%	5	0	0	25	0.5	U		
s-1,3-Dichloropropene	UG/L	0	0%	5	0	0	30	0.5	U		
s-1,4-Dichloro-2-butene	UG/L	0	0%		0	0	11	0.5	U		
loroethene	UG/L	0	0%	5	0	0	30	0.5	U		
lorofluoromethane	UG/L	0	0%	5	0	0	11	0.5	U		
chloride	UG/L	0	0%	2	0	0	30	0.5	U		
tylbenzene	UG/L	0	0%		0	0	11	0.5	U		
lorotoluene	UG/L	0	0%		0	0	11	0.5	U		
propyltoluene	UG/L	0	0%		0	0	11	0.5	U		
Butylbenzene	UG/L	0	0%		0	0	11	0.5	U		
Butylbenzene	UG/L	0	0%		0	0	11	0.5	U		
IVOLATILES											
-Trichlorobenzene	UG/L	0	0%	5	0	0	30	1	U		
Dichlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U		
Dichlorobenzene	UG/L	0	0%	5	0	0	30	1	U		
Dichlorobenzene	UG/L	0	0%	4.7	0	0	30	1	U		
oxybis(1-Chloropropane)	UG/L	0	0%		0	0	5				
-Trichlorophenol	UG/L	0	0%		0	0	30	2.6	U		
-Trichlorophenol	UG/L	0	0%		0	0	30	1	U		
Dichlorophenol	UG/L	0	0%		0	0	30	1	U		
Dimethylphenol	UG/L	0	0%	5	0	0	30	1	U		
Dinitrophenol	UG/L	0	0%		0	0	30	2.6	UJ		

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-9 GROUND WATER 42038 8 8 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 042038A 8 8 7/8/1999 SA RI Phase 1 Step 1 N	
ITIVES											
m-Dinitrotoluene	UG/L	0	0%	5	0	0	30	1	U		
2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	30	1	U		
2-Chloronaphthalene	UG/L	0	0%		0	0	30	1	UJ		
2-Chlorophenol	UG/L	0	0%		0	0	30	1	U		
2-Methylnaphthalene	UG/L	0	0%		0	0	30	1	U		
2-Methylphenol	UG/L	0	0%	5	0	0	30	1	U		
2-Nitroaniline	UG/L	0	0%		0	0	30	2.6	U		
2-Nitrophenol	UG/L	0	0%		0	0	30	1	U		
3,3'-Dichlorobenzidine	UG/L	0	0%		0	0	30	1	U		
3-Nitroaniline	UG/L	0	0%		0	0	30	2.6	U		
4,6-Dinitro-2-methylphenol	UG/L	0	0%	5	0	0	30	2.6	U		
4-Bromophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U		
4-Chloro-3-methylphenol	UG/L	0	0%		0	0	30	1	U		
4-Chloroaniline	UG/L	0	0%	5	0	0	30	1	U		
4-Chlorophenyl phenyl ether	UG/L	0	0%		0	0	30	1	U		
4-Methylphenol	UG/L	2.2	7%	5	0	2	30	1	U		
4-Nitroaniline	UG/L	0	0%	5	0	0	30	2.6	UJ		
4-Nitrophenol	UG/L	0	0%		0	0	30	2.6	R		
Acenaphthene	UG/L	0	0%		0	0	30	1	U		
Acenaphthylene	UG/L	0	0%		0	0	30	1	U		
Anthracene	UG/L	0	0%		0	0	30	1	U		
Benzo(a)anthracene	UG/L	0	0%		0	0	30	1	U		
Benzo(a)pyrene	UG/L	0	0%	10	0	0	30	1	U		
Benzo(b)fluoranthene	UG/L	0	0%		0	0	30	1	U		
Benzo(ghi)perylene	UG/L	0	0%		0	0	30	1	U		
Benzo(k)fluoranthene	UG/L	0	0%		0	0	30	1	U		
Bis(2-Chloroethoxy)methane	UG/L	0	0%		0	0	30	1	U		
Bis(2-Chloroethyl)ether	UG/L	0	0%		0	0	30	1	U		
Bis(2-Chloroisopropyl)ether	UG/L	0	0%		0	0	25	1	U		
Bis(2-Ethylhexyl)phthalate	UG/L	1.1	3%	50	0	1	30	1	U		
Butylbenzylphthalate	UG/L	0	0%		0	0	30	1	U		
Carbazole	UG/L	0	0%		0	0	30	1	U		
Chrysene	UG/L	0	0%		0	0	30	1	U		
Di-n-butylphthalate	UG/L	0.15	3%	50	0	1	30	1	U		
Di-n-octylphthalate	UG/L	0	0%		0	0	30	1	U		
Dibenz(a,h)anthracene	UG/L	0	0%		0	0	30	1	U		
Dibenzofuran	UG/L	0	0%		0	0	30	1	U		
Diethyl phthalate	UG/L	0.9	17%		0	5	30	1	U		
Dimethylphthalate	UG/L	0	0%		0	0	30	1	U		
Fluoranthene	UG/L	0	0%		0	0	30	1	U		
Fluorene	UG/L	0	0%		0	0	30	1	U		
Hexachlorobenzene	UG/L	0	0%	0.35	0	0	30	1	U		
Hexachlorobutadiene	UG/L	0	0%		0	0	30	1	U		
Hexachlorocyclopentadiene	UG/L	0	0%		0	0	30	1	U		
Hexachloroethane	UG/L	0	0%		0	0	30	1	U		
Indeno(1,2,3-cd)pyrene	UG/L	0	0%		0	0	30	1	U		
Isophorone	UG/L	0	0%		0	0	30	1	U		
N-Nitrosodiphenylamine	UG/L	0	0%		0	0	30	1	U		

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-9 GROUND WATER 42038 8 8 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 042038A 8 8 7/8/1999 SA RI Phase 1 Step 1 N	
TILES											
oscipropylamine	UG/L	0	0%		0	0	30	1	U		
thalene	UG/L	2.2	3%		0	1	30	1	U		
benzene	UG/L	0	0%		0	0	30	1	U		
achlorophenol	UG/L	0	0%	1	0	0	30	2.6	U		
anthrene	UG/L	0	0%		0	0	30	1	U		
ol	UG/L	0.4	3%	1	0	1	30	1	U		
ne	UG/L	0	0%		0	0	30	1	U		
LOSIVES											
-Trinitrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U
initrobenzene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U
-Trinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U
initrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U
initrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U
rotoluene	UG/L	0.87	4%		0	1	27	0.25	U	0.25	U
ino-4,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U
rotoluene	UG/L	2.6	4%		0	1	27	0.25	U	0.25	U
rotoluene	UG/L	10	4%		0	1	27	0.25	U	0.25	U
ino-2,6-Dinitrotoluene	UG/L	0	0%	5	0	0	32	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U
benzene	UG/L	0.89	4%		0	1	27	0.25	U	0.25	U
	UG/L	0	0%		0	0	32	0.25	U	0.25	U
l	UG/L	0	0%	5	0	0	32	0.25	UJ	0.25	UJ
TICIDES/PCBS											
DD	UG/L	0	0%	0.1	0	0	30	0.011	U		
DE	UG/L	0	0%	0.1	0	0	30	0.011	U		
DT	UG/L	0	0%	0.1	0	0	30	0.011	U		
n	UG/L	0.0036	3%	0.055	0	1	30	0.0056	U		
a-BHC	UG/L	0.0028	3%		0	1	30	0.0056	U		
a-Chlordane	UG/L	0	0%	5	0	0	30	0.0056	U		
or-1016	UG/L	0	0%		0	0	30	0.11	U		
or-1221	UG/L	0	0%		0	0	30	0.22	U		
or-1232	UG/L	0	0%		0	0	30	0.11	U		
or-1242	UG/L	0	0%		0	0	30	0.11	U		
or-1248	UG/L	0	0%		0	0	30	0.11	U		
or-1254	UG/L	0	0%	0.1	0	0	30	0.11	U		
or-1260	UG/L	0.079	3%	0.1	0	1	30	0.11	U		
-BHC	UG/L	0	0%	5	0	0	30	0.0056	U		
-BHC	UG/L	0.0041	3%		0	1	30	0.0056	U		
rin	UG/L	0	0%	0.1	0	0	30	0.011	U		
sulfan I	UG/L	0	0%		0	0	30	0.0056	U		
sulfan II	UG/L	0	0%		0	0	30	0.011	U		
sulfan sulfate	UG/L	0	0%		0	0	30	0.011	U		
in	UG/L	0	0%	0.1	0	0	30	0.011	U		
in aldehyde	UG/L	0	0%	5	0	0	30	0.011	U		
in ketone	UG/L	0	0%	5	0	0	30	0.011	U		
ma-BHC/Lindane	UG/L	0	0%	5	0	0	30	0.0056	U		
ma-Chlordane	UG/L	0.0054	3%		0	1	30	0.0056	U		
achlor	UG/L	0.0056	7%	0.05	0	2	30	0.0056	U		

Seneca Army Depot Activity
SEAD-4 Remedial Investigation
Groundwater Sample Results

LYTE	UNIT	MAXIMU	FREQUENCY OF DETECTION	GW CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 MW4-9 GROUND WATER 42038 8 8 7/8/1999 SA RI Phase 1 Step 1 N		SEAD-4 MW4-9 GROUND WATER 042038A 8 8 7/8/1999 SA RI Phase 1 Step 1 N	
THES											
epoxide	UG/L	0	0%	0.05	0	0	30	0.0056	U		
chlorobenzene	UG/L	0	0%	0.35	0	0	25	0.011	UJ		
oxychlor	UG/L	0	0%	35	0	0	30	0.056	U		
ohene	UG/L	0	0%		0	0	30	0.56	U		
BICIDES											
T	UG/L	0	0%	35	0	0	5				
TP/Silvex	UG/L	0	0%	0.26	0	0	5				
	UG/L	0	0%	4.4	0	0	5				
B	UG/L	0	0%		0	0	5				
on	UG/L	0	0%	50	0	0	5				
nba	UG/L	0	0%	0.44	0	0	5				
oroprop	UG/L	0	0%		0	0	5				
eb	UG/L	0	0%	1	0	0	5				
A	UG/L	0	0%	0.44	0	0	5				
	UG/L	0	0%		0	0	5				
ALS											
num	UG/L	3820	90%	50	25	27	30	91.8	J		
ony	UG/L	39.3	23%	6	3	7	30	3.7	U		
ic	UG/L	6.5	17%	25	0	5	30	5.2	U		
m	UG/L	121	100%	1000	0	30	30	44.4	J		
ium	UG/L	6.3	10%	4	1	3	30	0.4	U		
ium	UG/L	5.6	7%	5	1	2	30	0.9	U		
um	UG/L	147000	100%		0	30	30	92400			
nium	UG/L	260	60%	50	1	18	30	21.8			
t	UG/L	8.2	17%		0	5	30	3.4	U		
er	UG/L	37.6	30%	200	0	9	30	2.9	U		
ide	UG/L	0	0%	100	0	0	28	5	U		
	UG/L	6900	90%	300	15	27	30	86.7	J		
	UG/L	2.2	13%	25	0	4	30	0.8	U		
esium	UG/L	57600	100%		0	30	30	20800			
anese	UG/L	855	93%	300	5	28	30	87.6			
ury	UG/L	0.04	7%	2	0	2	30	0.1	U		
l	UG/L	9.9	40%	100	0	12	30	4	U		
sium	UG/L	14400	100%		0	30	30	3580	J		
ium	UG/L	24	37%	10	3	11	30	2.9	U		
	UG/L	6.7	17%	50	0	5	30	2.5	U		
m	UG/L	82600	100%	20000	7	30	30	10500			
um	UG/L	4.9	10%	2	3	3	30	3	U		
dium	UG/L	11.4	30%		0	9	30	2.5	U		
	UG/L	95	87%	300	0	26	30	3	U		

SEAD-4 Surface Water Chemical Data

Seneca Army Depot
SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 4PIPE SURFACE WATER 4PIPE 0 N/A 12/17/93 SA ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-3 0 N/A 11/2/93 DU ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-1 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-12 SURFACE WATER 42004 0 N/A 12/7/98 DU RI Phase 1 Step 1 N		SEAD-4 SW4-12 SURFACE WATER 42003 0 N/A 12/7/98 SA RI Phase 1 Step 1 N	
ATILES																	
-Trichloroethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
,2-Tetrachloroethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
-Trichloroethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
ichloroethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
ichloroethene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
-Trichlorobenzene	UG/L	0	0%	5	0	0	4							1	U	1	U
ibromo-3-chloropropane	UG/L	0	0%		0	0	9							1	U	1	U
ibromoethane	UG/L	0	0%		0	0	9							1	U	1	U
ichlorobenzene	UG/L	0	0%	5	0	0	9							1	U	1	U
ichloroethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
ichloroethene (total)	UG/L	0	0%		0	0	4	10	U	10	U	10	U				
ichloropropane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
ichlorobenzene	UG/L	0	0%	5	0	0	9							1	U	1	U
ichlorobenzene	UG/L	0	0%	5	0	0	9							1	U	1	U
one	UG/L	4	31%		0	4	13	10	U	10	U	10	U	5	U	5	U
ene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
ochloromethane	UG/L	0	0%		0	0	9							1	U	1	U
odichloromethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
oform	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
on disulfide	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
on tetrachloride	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
robenzene	UG/L	0	0%	5	0	0	13	10	U	10	U	10	U	1	U	1	U
rodibromomethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
roethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
roform	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
,2-Dichloroethene	UG/L	0	0%		0	0	9							1	U	1	U
,3-Dichloropropene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
benzene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
yl bromide	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
yl butyl ketone	UG/L	0	0%		0	0	13	10	U	10	U	10	U	5	U	5	U
yl chloride	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
yl ethyl ketone	UG/L	0	0%		0	0	13	10	U	10	U	10	U	5	U	5	U
yl isobutyl ketone	UG/L	0	0%		0	0	13	10	U	10	U	10	U	5	U	5	U
ylene chloride	UG/L	0	0%		0	0	13	10	U	10	U	10	U	2	U	2	U
ne	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
chloroethene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
ene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
Xylenes	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
s-1,2-Dichloroethene	UG/L	0	0%		0	0	9							1	U	1	U
s-1,3-Dichloropropene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
loroethene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
chloride	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1	U	1	U
IVOLATILES																	
-Trichlorobenzene	UG/L	0	0%	5	0	0	13	10	U	10	U	10	U	1.1	U	1	U
ichlorobenzene	UG/L	0	0%	5	0	0	13	10	U	10	U	10	U	1.1	U	1	U
ichlorobenzene	UG/L	0	0%	5	0	0	13	10	U	10	U	10	U	1.1	U	1	U
ichlorobenzene	UG/L	0	0%	5	0	0	13	10	U	10	U	10	U	1.1	U	1	U
oxybis(1-Chloropropane)	UG/L	0	0%		0	0	4	10	U	10	U	10	U				

Seneca Army Depot
SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 4PIPE SURFACE WATER 4PIPE 0 N/A 12/17/93 SA ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-3 0 N/A 11/2/93 DU ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-1 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-12 SURFACE WATER 42004 0 N/A 12/7/98 DU RI Phase 1 Step 1 N		SEAD-4 SW4-12 SURFACE WATER 42003 0 N/A 12/7/98 SA RI Phase 1 Step 1 N	
-Trichlorophenol	UG/L	0	0%		0	0	13	25	U	26	U	25	U	2.6	U	2.6	U
-Trichlorophenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
Dichlorophenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
Dimethylphenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
Dinitrophenol	UG/L	0	0%		0	0	13	25	U	26	U	25	U	2.6	UJ	2.6	U
Dinitrotoluene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
Dinitrotoluene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
loronaphthalene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
lorophenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
thylnaphthalene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
thylphenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
roaniline	UG/L	0	0%		0	0	13	25	U	26	U	25	U	2.6	U	2.6	U
rophenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	UJ
Dichlorobenzidine	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	UJ	1	U
roaniline	UG/L	0	0%		0	0	13	25	U	26	U	25	U	2.6	UJ	2.6	U
Dinitro-2-methylphenol	UG/L	0	0%		0	0	13	25	U	26	U	25	U	2.6	UJ	2.6	U
omophenyl phenyl ether	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
loro-3-methylphenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
loroaniline	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	UJ	1	U
lorophenyl phenyl ether	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
thylphenol	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
roaniline	UG/L	0	0%		0	0	13	25	U	26	U	25	U	2.6	U	2.6	U
rophenol	UG/L	0	0%		0	0	13	25	U	26	U	25	U	2.6	U	2.6	U
aphthene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
aphthylene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
racene	UG/L	0.068	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
o(a)anthracene	UG/L	0.18	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
o(a)pyrene	UG/L	0.15	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
o(b)fluoranthene	UG/L	0.15	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
o(ghi)perylene	UG/L	0.073	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	UJ
o(k)fluoranthene	UG/L	0.16	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
-Chloroethoxy)methane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
-Chloroethyl)ether	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
-Chloroisopropyl)ether	UG/L	0	0%		0	0	9							1.1	U	1	U
-Ethylhexyl)phthalate	UG/L	0.22	23%	0.6	0	3	13	10	U	10	U	10	U	1.1	UJ	1	UJ
benzylphthalate	UG/L	0.076	8%		0	1	13	10	U	10	U	10	U	1.1	UJ	1	UJ
azole	UG/L	0.054	8%		0	1	13	10	U	10	U	10	U	1.1	UJ	1	UJ
sene	UG/L	0.18	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
butylphthalate	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
octylphthalate	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
nz(a,h)anthracene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
nzofuran	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
yl phthalate	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
thylphthalate	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
ranthene	UG/L	0.41	15%		0	2	13	10	U	10	U	10	U	0.066	J	1	U
rene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
chlorobenzene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
chlorobutadiene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
chlorocyclopentadiene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	UJ	1	UJ

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Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 4PIPE SURFACE WATER 4PIPE 0 N/A 12/17/93 SA ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-3 0 N/A 11/2/93 DU ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-1 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-12 SURFACE WATER 42004 0 N/A 12/7/98 DU RI Phase 1 Step 1 N		SEAD-4 SW4-12 SURFACE WATER 42003 0 N/A 12/7/98 SA RI Phase 1 Step 1 N	
chloroethane	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
no(1,2,3-cd)pyrene	UG/L	0.069	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
horone	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
rosodiphenylamine	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
rosodipropylamine	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
thalene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
benzene	UG/L	0	0%		0	0	13	10	U	10	U	10	U	1.1	U	1	U
achlorophenol	UG/L	0	0%	0.4	0	0	13	25	U	26	U	25	U	2.6	UJ	2.6	U
anthrene	UG/L	0.35	8%		0	1	13	10	U	10	U	10	U	1.1	U	1	U
ol	UG/L	0	0%	5	0	0	13	10	U	10	U	10	U	1.1	U	1	U
ne	UG/L	0.25	15%		0	2	13	10	U	10	U	10	U	0.063	J	1	UJ
LOSIVES																	
-Trinitrobenzene	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
Dinitrobenzene	UG/L	0.07	8%			0	1	13	0.07	J	0.13	U	0.13	UJ	0.25	U	0.25	U
-Trinitrotoluene	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
Dinitrotoluene	UG/L	0	0%			0	0	13	0.13	UJ	0.13	U	0.13	UJ	0.25	U	0.25	U
Dinitrotoluene	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
rotoluene	UG/L	0	0%			0	0	9							0.25	U	0.25	U
ino-4,6-Dinitrotoluene	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
rotoluene	UG/L	0	0%			0	0	9							0.25	U	0.25	U
rotoluene	UG/L	0	0%			0	0	9							0.25	U	0.25	U
ino-2,6-Dinitrotoluene	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
benzene	UG/L	0	0%			0	0	9							0.25	U	0.25	U
	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
l	UG/L	0	0%			0	0	13	0.13	U	0.13	U	0.13	UJ	0.25	U	0.25	U
TICIDES/PCBs																	
DD	UG/L	0	0%	0.001		0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
DE	UG/L	0	0%	0.001		0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
DT	UG/L	0	0%	0.001		0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
n	UG/L	0	0%			0	0	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
a-BHC	UG/L	0	0%			0	0	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
a-Chlordane	UG/L	0.0077	8%			0	1	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
lor-1016	UG/L	0	0%			0	0	13	1	U	1	U	1	U	0.1	U	0.1	U
lor-1221	UG/L	0	0%			0	0	13	2.1	U	2	U	2.1	U	0.2	U	0.2	U
lor-1232	UG/L	0	0%			0	0	13	1	U	1	U	1	U	0.1	U	0.1	U
lor-1242	UG/L	0	0%			0	0	13	1	U	1	U	1	U	0.1	U	0.1	U
lor-1248	UG/L	0	0%			0	0	13	1	U	1	U	1	U	0.1	U	0.1	U
lor-1254	UG/L	0	0%	0.001		0	0	13	1	U	1	U	1	U	0.1	U	0.1	U
lor-1260	UG/L	0	0%	0.001		0	0	13	1	U	1	U	1	U	0.1	U	0.1	U
-BHC	UG/L	0.0041	8%			0	1	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
-BHC	UG/L	0	0%			0	0	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
drin	UG/L	0	0%			0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
osulfan I	UG/L	0	0%			0	0	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
osulfan II	UG/L	0	0%			0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
osulfan sulfate	UG/L	0	0%			0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
rin	UG/L	0	0%	0.002		0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
rin aldehyde	UG/L	0	0%			0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U
rin ketone	UG/L	0	0%			0	0	13	0.1	U	0.1	U	0.1	U	0.01	U	0.01	U

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ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 4PIPE SURFACE WATER 4PIPE 0 N/A 12/17/93 SA ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-3 0 N/A 11/2/93 DU ESI N		SEAD-4 SW4-1 SURFACE WATER SW4-1 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-12 SURFACE WATER 42004 0 N/A 12/7/98 DU RI Phase 1 Step 1 N		SEAD-4 SW4-12 SURFACE WATER 42003 0 N/A 12/7/98 SA RI Phase 1 Step 1 N	
nma-BHC/Lindane	UG/L	0	0%		0	0	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
nma-Chlordane	UG/L	0.0064	8%		0	1	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
tachlor	UG/L	0	0%	0.001	0	0	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
tachlor epoxide	UG/L	0	0%	0.001	0	0	13	0.052	U	0.05	U	0.052	U	0.0051	U	0.005	U
achlorobenzene	UG/L	0	0%		0	0	9							0.01	U	0.01	U
hoxychlor	UG/L	0	0%	0.03	0	0	13	0.52	U	0.5	U	0.52	U	0.051	U	0.05	U
aphene	UG/L	0	0%		0	0	13	5.2	U	5	U	5.2	U	0.51	U	0.5	U
RBICIDES																	
5-T	UG/L	0	0%		0	0	4	0.11	U	0.11	U	0.11	U				
5-TP/Silvex	UG/L	0	0%		0	0	4	0.11	U	0.11	U	0.11	U				
D	UG/L	0	0%		0	0	4	1.1	U	1.1	U	1.1	U				
DB	UG/L	0	0%		0	0	4	1.1	U	1.1	U	1.1	U				
apon	UG/L	0	0%		0	0	4	2.4	U	2.4	U	2.5	U				
mba	UG/L	0	0%		0	0	4	0.11	U	0.11	U	0.11	U				
loroprop	UG/L	0	0%		0	0	4	1.1	U	1.1	U	1.1	U				
oseb	UG/L	0	0%		0	0	4	0.52	U	0.52	U	0.54	U				
PA	UG/L	0	0%		0	0	4	110	U	110	U	110	U				
PP	UG/L	0	0%		0	0	4	110	U	110	U	110	U				
TALS																	
minum	UG/L	7350	100%	100	7	13	13	42.6	J	194	J	257		114	J	32	J
mony	UG/L	6.6	38%		0	5	13	21.6	U	52.4	U	52.8	U	3.1	U	3.9	J
enic	UG/L	4.2	8%	190	0	1	13	0.8	U	1.2	U	1.2	U	2.3	U	2.3	U
um	UG/L	213	100%		0	13	13	49.6	J	21.5	J	21.3	J	62	J	59	J
llium	UG/L	0	0%	1.111	0	0	13	0.4	U	0.3	U	0.3	U	0.1	U	0.1	U
mium	UG/L	11.6	46%	1.862822	1	6	13	2.1	U	3.3	U	3.3	U	0.2	U	0.27	J
cium	UG/L	159000	100%		0	13	13	115000		46800		45600		134000		132000	
omium	UG/L	44.8	31%	347.2701	0	4	13	2.6	U	19.7		19.2		0.8	U	0.8	U
alt	UG/L	19.6	8%	5	1	1	13	4.4	U	4.9	U	4.9	U	1.6	U	1.6	U
per	UG/L	97	77%	20.28773	4	10	13	6	J	9.3		17.3		1.1	J	0.9	U
nide	UG/L	0	0%	5.2	0	0	13	5	U	8.3	U	8.3	U	5	U	5	U
	UG/L	16600	100%	300	7	13	13	657		148	J	113	J	270	J	89.4	J
d	UG/L	117	31%	7.16381	2	4	13	5.7		10.7	J	0.79	UJ	1.3	UJ	1.3	UJ
gnesium	UG/L	32700	100%		0	13	13	21100		10700		10500		30200		30400	
nganese	UG/L	2350	100%		0	13	13	1.8	J	25		28.1		63.8		40.2	
cury	UG/L	0	0%		0	0	13	0.04	U	0.07	U	0.07	U	0.1	U	0.1	U
kel	UG/L	32.6	15%	154.4886	0	2	13	4	U	4.1	U	4.1	U	1.9	U	1.9	U
assium	UG/L	4790	100%		0	13	13	1170	J	1830	J	1680	J	2260	J	2410	J
enium	UG/L	0	0%	1	0	0	13	0.7	U	1.1	U	1.1	U	3.6	U	3.6	U
er	UG/L	1.7	15%	0.1	2	2	13	4.2	U	6.6	UJ	6.7	UJ	1	J	1	U
ium	UG/L	36200	100%		0	13	13	21700		13300		12800		26000		26600	
llium	UG/L	2.4	8%	8	0	1	13	2.4	J	1.2	U	1.2	U	3.9	U	3.9	U
adium	UG/L	22.5	31%	14	1	4	13	3.7	U	3.3	U	3.3	U	1.5	U	1.7	J
c	UG/L	492	100%	141.3798	1	13	13	4	J	9.2	J	10.7	J	10	J	23.2	J

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SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-13 SURFACE WATER 42005 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-19 SURFACE WATER 42011 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-2 SURFACE WATER SW4-2 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-49 SURFACE WATER 42014 0 N/A 12/17/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-50 SURFACE WATER 42013 0 N/A 12/15/98 DU RI Phase 1 Step 1 N	
ATILES																	
-Trichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
2,2-Tetrachloroethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
2-Trichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Dichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Dichloroethene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
4-Trichlorobenzene	UG/L	0	0%	5	0	0	4	1	U	1	U						
Dibromo-3-chloropropane	UG/L	0	0%		0	0	9	1	U	1	U			1	U	1	U
Dibromoethane	UG/L	0	0%		0	0	9	1	U	1	U			1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	9	1	U	1	U			1	U	1	U
Dichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Dichloroethene (total)	UG/L	0	0%		0	0	4					10	U				
Dichloropropane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	9	1	U	1	U			1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	9	1	U	1	U			1	U	1	U
one	UG/L	4	31%		0	4	13	5	U	5	U	10	U	3	J	5	R
zene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
nochloromethane	UG/L	0	0%		0	0	9	1	U	1	U			1	U	1	U
nodichloromethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
noform	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
on disulfide	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
on tetrachloride	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
robenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	10	U	1	U	1	U
rodibromomethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
roethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
roform	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
1,2-Dichloroethene	UG/L	0	0%		0	0	9	1	U	1	U			1	U	1	U
1,3-Dichloropropene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
l benzene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
hyl bromide	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
hyl butyl ketone	UG/L	0	0%		0	0	13	5	U	5	U	10	U	5	U	5	U
hyl chloride	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
hyl ethyl ketone	UG/L	0	0%		0	0	13	5	U	5	U	10	U	5	U	5	U
hyl isobutyl ketone	UG/L	0	0%		0	0	13	5	U	5	U	10	U	5	U	5	U
hylene chloride	UG/L	0	0%		0	0	13	2	U	2	U	10	U	2	U	2	U
ene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
achloroethene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
ene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
l Xylenes	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
s-1,2-Dichloroethene	UG/L	0	0%		0	0	9	1	U	1	U			1	U	1	U
s-1,3-Dichloropropene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
loroethene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
l chloride	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
MIVOLATILES																	
4-Trichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	10	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	10	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	10	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	10	U	1	U	1	U
-oxybis(1-Chloropropane)	UG/L	0	0%		0	0	4					10	U				

Seneca Army Depot
SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-13 SURFACE WATER 42005 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-19 SURFACE WATER 42011 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-2 SURFACE WATER SW4-2 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-49 SURFACE WATER 42014 0 N/A 12/17/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-50 SURFACE WATER 42013 0 N/A 12/15/98 DU RI Phase 1 Step 1 N	
ATILES																	
4,5-Trichlorophenol	UG/L	0	0%		0	0	13	2.6	U	2.6	U	26	U	2.5	U	2.5	U
4,6-Trichlorophenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
4-Dichlorophenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
4-Dimethylphenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
4-Dinitrophenol	UG/L	0	0%		0	0	13	2.6	UJ	2.6	UJ	26	U	2.5	UJ	2.5	UJ
4-Dinitrotoluene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
6-Dinitrotoluene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Chloronaphthalene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Chlorophenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Methylnaphthalene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Methylphenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Nitroaniline	UG/L	0	0%		0	0	13	2.6	U	2.6	U	26	U	2.5	U	2.5	U
Nitrophenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
3'-Dichlorobenzidine	UG/L	0	0%		0	0	13	1	UJ	1	UJ	10	U	1	U	1	U
Nitroaniline	UG/L	0	0%		0	0	13	2.6	UJ	2.6	UJ	26	U	2.5	UJ	2.5	UJ
Dinitro-2-methylphenol	UG/L	0	0%		0	0	13	2.6	UJ	2.6	UJ	26	U	2.5	U	2.5	U
Bromophenyl phenyl ether	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Chloro-3-methylphenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Chloroaniline	UG/L	0	0%		0	0	13	1	UJ	1	UJ	10	U	1	U	1	U
Chlorophenyl phenyl ether	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Methylphenol	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Nitroaniline	UG/L	0	0%		0	0	13	2.6	U	2.6	U	26	U	2.5	U	2.5	U
Nitrophenol	UG/L	0	0%		0	0	13	2.6	U	2.6	U	26	U	2.5	U	2.5	U
Naphthene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Naphthylene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Anthracene	UG/L	0.068	8%		0	1	13	0.068	J	1	U	10	U	1	U	1	U
Benzo(a)anthracene	UG/L	0.18	8%		0	1	13	0.18	J	1	U	10	U	1	U	1	U
Benzo(a)pyrene	UG/L	0.15	8%		0	1	13	0.15	J	1	U	10	U	1	U	1	U
Benzo(b)fluoranthene	UG/L	0.15	8%		0	1	13	0.15	J	1	U	10	U	1	U	1	U
Benzo(ghi)perylene	UG/L	0.073	8%		0	1	13	0.073	J	1	U	10	U	1	U	1	U
Benzo(k)fluoranthene	UG/L	0.16	8%		0	1	13	0.16	J	1	U	10	U	1	U	1	U
Bis(2-Chloroethoxy)methane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Bis(2-Chloroethyl)ether	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Bis(2-Chloroisopropyl)ether	UG/L	0	0%		0	0	9	1	U	1	U			1	U	1	U
Bis(2-Ethylhexyl)phthalate	UG/L	0.22	23%	0.6	0	3	13	1	UJ	1	UJ	10	U	1	U	0.22	J
Butylbenzylphthalate	UG/L	0.076	8%		0	1	13	1	UJ	1	UJ	10	U	1	U	1	U
Carbazole	UG/L	0.054	8%		0	1	13	0.054	J	1	UJ	10	U	1	U	1	U
Chrysene	UG/L	0.18	8%		0	1	13	0.18	J	1	U	10	U	1	U	1	U
Di-n-butylphthalate	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Di-n-octylphthalate	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Dibenz(a,h)anthracene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Dibenzofuran	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Diethyl phthalate	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Dimethylphthalate	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Fluoranthene	UG/L	0.41	15%		0	2	13	0.41	J	1	U	10	U	1	U	1	U
Fluorene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Hexachlorobenzene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Hexachlorobutadiene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
Hexachlorocyclopentadiene	UG/L	0	0%		0	0	13	1	UJ	1	UJ	10	U	1	UJ	1	UJ

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Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-13 SURFACE WATER 42005 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-19 SURFACE WATER 42011 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-2 SURFACE WATER SW4-2 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-49 SURFACE WATER 42014 0 N/A 12/17/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-50 SURFACE WATER 42013 0 N/A 12/15/98 DU RI Phase 1 Step 1 N	
ATILES																	
chloroethane	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
o(1,2,3-cd)pyrene	UG/L	0.069	8%		0	1	13	0.069	J	1	U	10	U	1	U	1	U
orone	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
rosodiphenylamine	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
rosodipropylamine	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
thalene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
benzene	UG/L	0	0%		0	0	13	1	U	1	U	10	U	1	U	1	U
achlorophenol	UG/L	0	0%	0.4	0	0	13	2.6	UJ	2.6	UJ	26	U	2.5	U	2.5	U
anthrene	UG/L	0.35	8%		0	1	13	0.35	J	1	U	10	U	1	U	1	U
ol	UG/L	0	0%	5	0	0	13	1	U	1	U	10	U	1	U	1	U
ne	UG/L	0.25	15%		0	2	13	0.25	J	1	UJ	10	U	1	U	1	U
LOSIVES																	
-Trinitrobenzene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
initrobenzene	UG/L	0.07	8%		0	1	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
-Trinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
initrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
initrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
otoluene	UG/L	0	0%		0	0	9	0.25	U	0.25	U			0.25	U	0.25	U
ino-4,6-Dinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
otoluene	UG/L	0	0%		0	0	9	0.25	U	0.25	U			0.25	U	0.25	U
otoluene	UG/L	0	0%		0	0	9	0.25	U	0.25	U			0.25	U	0.25	U
ino-2,6-Dinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
benzene	UG/L	0	0%		0	0	9	0.25	U	0.25	U			0.25	U	0.25	U
	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.13	U	0.25	U	0.25	U
TICIDES/PCBs																	
DD	UG/L	0	0%	0.001	0	0	13	0.01	U	0.01	U	0.1	U	0.01	U	0.01	U
DE	UG/L	0	0%	0.001	0	0	13	0.01	U	0.01	U	0.1	U	0.01	U	0.01	U
DT	UG/L	0	0%	0.001	0	0	13	0.01	U	0.01	U	0.1	U	0.01	UJ	0.01	UJ
	UG/L	0	0%		0	0	13	0.0051	U	0.005	U	0.052	U	0.0052	U	0.0051	U
-BHC	UG/L	0	0%		0	0	13	0.0051	U	0.005	U	0.052	U	0.0086	U	0.009	U
-Chlordane	UG/L	0.0077	8%		0	1	13	0.0077		0.005	U	0.052	U	0.0052	U	0.0051	U
or-1016	UG/L	0	0%		0	0	13	0.1	U	0.1	U	1	U	0.1	U	0.1	U
or-1221	UG/L	0	0%		0	0	13	0.2	U	0.2	U	2.1	U	0.21	U	0.2	U
or-1232	UG/L	0	0%		0	0	13	0.1	U	0.1	U	1	U	0.1	U	0.1	U
or-1242	UG/L	0	0%		0	0	13	0.1	U	0.1	U	1	U	0.1	U	0.1	U
or-1248	UG/L	0	0%		0	0	13	0.1	U	0.1	U	1	U	0.1	U	0.1	U
or-1254	UG/L	0	0%	0.001	0	0	13	0.1	U	0.1	U	1	U	0.1	U	0.1	U
or-1260	UG/L	0	0%	0.001	0	0	13	0.1	U	0.1	U	1	U	0.1	U	0.1	U
BHC	UG/L	0.0041	8%		0	1	13	0.0051	U	0.005	U	0.052	U	0.0052	U	0.0051	U
-BHC	UG/L	0	0%		0	0	13	0.0051	U	0.005	U	0.052	U	0.0052	U	0.0051	U
rin	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.1	U	0.01	UJ	0.01	UJ
sulfan I	UG/L	0	0%		0	0	13	0.0051	U	0.005	U	0.052	U	0.0052	U	0.0051	U
sulfan II	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.1	U	0.01	U	0.01	U
sulfan sulfate	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.1	U	0.01	U	0.01	U
n	UG/L	0	0%	0.002	0	0	13	0.01	U	0.01	U	0.1	U	0.01	U	0.01	U
n aldehyde	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.1	U	0.01	U	0.01	U
n ketone	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.1	U	0.01	U	0.01	U

Seneca Army Depot
SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-13 SURFACE WATER 42005 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-19 SURFACE WATER 42011 0 N/A 12/7/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-2 SURFACE WATER SW4-2 0 N/A 11/2/93 SA ESI N		SEAD-4 SW4-49 SURFACE WATER 42014 0 N/A 12/17/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-50 SURFACE WATER 42013 0 N/A 12/15/98 DU RI Phase 1 Step 1 N	
[illegible]/Lindane	UG/L	0	0%		0	0	13	0.0051	U	0.005	U	0.052	U	0.0052	UJ	0.0051	UJ
mma-Chlordane	UG/L	0.0064	8%		0	1	13	0.0064	J	0.005	U	0.052	U	0.0052	U	0.0051	U
otachlor	UG/L	0	0%	0.001	0	0	13	0.0051	U	0.005	U	0.052	U	0.0052	UJ	0.0051	UJ
otachlor epoxide	UG/L	0	0%	0.001	0	0	13	0.0051	U	0.005	U	0.052	U	0.0052	U	0.0051	U
xachlorobenzene	UG/L	0	0%		0	0	9	0.01	U	0.01	U			0.01	U	0.01	U
thoxychlor	UG/L	0	0%	0.03	0	0	13	0.051	U	0.05	U	0.52	U	0.052	U	0.051	U
xaphene	UG/L	0	0%		0	0	13	0.51	U	0.5	U	5.2	U	0.52	U	0.51	U
RBICIDES																	
,5-T	UG/L	0	0%		0	0	4					0.11	U				
,5-TP/Silvex	UG/L	0	0%		0	0	4					0.11	U				
-D	UG/L	0	0%		0	0	4					1.1	U				
-DB	UG/L	0	0%		0	0	4					1.1	U				
apon	UG/L	0	0%		0	0	4					2.5	U				
amba	UG/L	0	0%		0	0	4					0.11	U				
hloroprop	UG/L	0	0%		0	0	4					1.1	U				
oseb	UG/L	0	0%		0	0	4					0.53	U				
PA	UG/L	0	0%		0	0	4					110	U				
PP	UG/L	0	0%		0	0	4					110	U				
TALS																	
minum	UG/L	7350	100%	100	7	13	13	7350		70.4	J	314		21.9	J	40.2	J
imony	UG/L	6.6	38%		0	5	13	6.6	J	3.1	U	52.4	U	3.1	U	3.3	J
enic	UG/L	4.2	8%	190	0	1	13	4.2	J	2.3	U	1.2	U	2.3	U	2.3	U
ium	UG/L	213	100%		0	13	13	213		33.7	J	24.9	J	64.6	J	64	J
yllium	UG/L	0	0%	1.111	0	0	13	0.1	U	0.1	U	0.3	U	0.1	U	0.1	U
dmium	UG/L	11.6	46%	1.862822	1	6	13	11.6		0.2	U	3.3	U	0.31	J	0.2	U
cium	UG/L	159000	100%		0	13	13	159000		86600		51200		76400		96200	
romium	UG/L	44.8	31%	347.2701	0	4	13	12.8		0.8	U	44.8		0.8	U	0.8	U
balt	UG/L	19.6	8%	5	1	1	13	19.6	J	1.6	U	4.9	U	1.6	U	1.6	U
pper	UG/L	97	77%	20.28773	4	10	13	97		3.7	J	8.9		2.1	J	1.1	J
nide	UG/L	0	0%	5.2	0	0	13	5	U	5	U	8.3	U	5	U	5	U
n	UG/L	16600	100%	300	7	13	13	16600		129		630	J	23.1	J	176	
d	UG/L	117	31%	7.16381	2	4	13	117	J	1.3	U	3.1		1.3	U	1.3	U
gnesium	UG/L	32700	100%		0	13	13	32700		9010		10800		11200		13300	
nganese	UG/L	2350	100%		0	13	13	2350		142		45.6		23		100	
rcury	UG/L	0	0%		0	0	13	0.1	U	0.1	U	0.07	U	0.1	U	0.1	U
kel	UG/L	32.6	15%	154.4886	0	2	13	32.6	J	2.5	J	4.1	U	1.9	U	1.9	U
assium	UG/L	4790	100%		0	13	13	4040	J	4790	J	1720	J	1850	J	1400	J
enium	UG/L	0	0%	1	0	0	13	3.6	U	3.6	U	1.1	U	3.6	U	3.6	U
er	UG/L	1.7	15%	0.1	2	2	13	1	U	1.7	J	6.6	UJ	1	U	1	U
dium	UG/L	36200	100%		0	13	13	25900		36200		13200		17400		15600	
llium	UG/L	2.4	8%	8	0	1	13	3.9	U	3.9	U	1.2	U	3.9	U	3.9	U
nadium	UG/L	22.5	31%	14	1	4	13	71.3	J	8.2	J	3.3	U	1.5	U	1.5	U
c	UG/L	492	100%	141.3798	1	13	13	492		29.9		20.3		21.3		4.1	J

Seneca Army Depot
SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-50 SURFACE WATER 42012 0 N/A 12/15/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-51 SURFACE WATER 42015 0 N/A 12/18/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-52 SURFACE WATER 42016 0 N/A 12/18/98 SA RI Phase 1 Step 1 N	
ATILES													
-Trichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
,2-Tetrachloroethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
-Trichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dichloroethene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
-Trichlorobenzene	UG/L	0	0%	5	0	0	4						
Dibromo-3-chloropropane	UG/L	0	0%		0	0	9	1	U	1	U	1	U
Dibromoethane	UG/L	0	0%		0	0	9	1	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	9	1	U	1	U	1	U
Dichloroethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dichloroethene (total)	UG/L	0	0%		0	0	4						
Dichloropropane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	9	1	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	9	1	U	1	U	1	U
one	UG/L	4	31%		0	4	13	3	J	2	J	4	J
zene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
ochloromethane	UG/L	0	0%		0	0	9	1	U	1	U	1	U
odichloromethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
noform	UG/L	0	0%		0	0	13	1	U	1	U	1	U
on disulfide	UG/L	0	0%		0	0	13	1	U	1	U	1	U
on tetrachloride	UG/L	0	0%		0	0	13	1	U	1	U	1	U
robenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	1	U
rodibromomethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
roethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
roform	UG/L	0	0%		0	0	13	1	U	1	U	1	U
,2-Dichloroethene	UG/L	0	0%		0	0	9	1	U	1	U	1	U
,3-Dichloropropene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
benzene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
yl bromide	UG/L	0	0%		0	0	13	1	U	1	U	1	U
yl butyl ketone	UG/L	0	0%		0	0	13	5	U	5	U	5	U
yl chloride	UG/L	0	0%		0	0	13	1	U	1	U	1	U
yl ethyl ketone	UG/L	0	0%		0	0	13	5	U	5	U	5	U
yl isobutyl ketone	UG/L	0	0%		0	0	13	5	U	5	U	5	U
ylene chloride	UG/L	0	0%		0	0	13	2	U	2	U	2	U
ne	UG/L	0	0%		0	0	13	1	U	1	U	1	U
chloroethene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
ene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Xylenes	UG/L	0	0%		0	0	13	1	U	1	U	1	U
s-1,2-Dichloroethene	UG/L	0	0%		0	0	9	1	U	1	U	1	U
s-1,3-Dichloropropene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
loroethene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
chloride	UG/L	0	0%		0	0	13	1	U	1	U	1	U
IVOLATILES													
-Trichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	1	U
Dichlorobenzene	UG/L	0	0%	5	0	0	13	1	U	1	U	1	U
oxybis(1-Chloropropane)	UG/L	0	0%		0	0	4						

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SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-50 SURFACE WATER 42012 0 N/A 12/15/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-51 SURFACE WATER 42015 0 N/A 12/18/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-52 SURFACE WATER 42016 0 N/A 12/18/98 SA RI Phase 1 Step 1 N	
ATILES													
A-Trichlorophenol	UG/L	0	0%		0	0	13	2.5	U	2.5	U	2.5	U
6-Trichlorophenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dichlorophenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dimethylphenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dinitrophenol	UG/L	0	0%		0	0	13	2.5	UJ	2.5	UJ	2.5	UJ
Dinitrotoluene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
Dinitrotoluene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
hloronaphthalene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
hlorophenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
ethylnaphthalene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
ethylphenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
itroaniline	UG/L	0	0%		0	0	13	2.5	U	2.5	U	2.5	U
itrophenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
-Dichlorobenzidine	UG/L	0	0%		0	0	13	1	U	1	U	1	U
itroaniline	UG/L	0	0%		0	0	13	2.5	UJ	2.5	UJ	2.5	UJ
Dinitro-2-methylphenol	UG/L	0	0%		0	0	13	2.5	U	2.5	U	2.5	U
romophenyl phenyl ether	UG/L	0	0%		0	0	13	1	U	1	U	1	U
hloro-3-methylphenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
hloroaniline	UG/L	0	0%		0	0	13	1	U	1	U	1	U
hlorophenyl phenyl ether	UG/L	0	0%		0	0	13	1	U	1	U	1	U
ethylphenol	UG/L	0	0%		0	0	13	1	U	1	U	1	U
itroaniline	UG/L	0	0%		0	0	13	2.5	U	2.5	U	2.5	U
itrophenol	UG/L	0	0%		0	0	13	2.5	U	2.5	U	2.5	U
naphthene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
naphthylene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
hracene	UG/L	0.068	8%		0	1	13	1	U	1	U	1	U
zo(a)anthracene	UG/L	0.18	8%		0	1	13	1	U	1	U	1	U
zo(a)pyrene	UG/L	0.15	8%		0	1	13	1	U	1	U	1	U
zo(b)fluoranthene	UG/L	0.15	8%		0	1	13	1	U	1	U	1	U
zo(ghi)perylene	UG/L	0.073	8%		0	1	13	1	U	1	U	1	U
zo(k)fluoranthene	UG/L	0.16	8%		0	1	13	1	U	1	U	1	U
2-Chloroethoxy)methane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
2-Chloroethyl)ether	UG/L	0	0%		0	0	13	1	U	1	U	1	U
2-Chloroisopropyl)ether	UG/L	0	0%		0	0	9	1	U	1	U	1	U
2-Ethylhexyl)phthalate	UG/L	0.22	23%	0.6	0	3	13	1	U	0.15	J	0.15	J
ylbenzylphthalate	UG/L	0.076	8%		0	1	13	0.076	J	1	U	1	U
bazole	UG/L	0.054	8%		0	1	13	1	U	1	U	1	U
ysene	UG/L	0.18	8%		0	1	13	1	U	1	U	1	U
-butylphthalate	UG/L	0	0%		0	0	13	1	U	1	U	1	U
-octylphthalate	UG/L	0	0%		0	0	13	1	U	1	U	1	U
enz(a,h)anthracene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
enzofuran	UG/L	0	0%		0	0	13	1	U	1	U	1	U
hyl phthalate	UG/L	0	0%		0	0	13	1	U	1	U	1	U
ethylphthalate	UG/L	0	0%		0	0	13	1	U	1	U	1	U
oranthene	UG/L	0.41	15%		0	2	13	1	U	1	U	1	U
orene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
achlorobenzene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
achlorobutadiene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
achlorocyclopentadiene	UG/L	0	0%		0	0	13	1	UJ	1	UJ	1	UJ

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SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-50 SURFACE WATER 42012 0 N/A 12/15/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-51 SURFACE WATER 42015 0 N/A 12/18/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-52 SURFACE WATER 42016 0 N/A 12/18/98 SA RI Phase 1 Step 1 N	
ATILES													
richloroethane	UG/L	0	0%		0	0	13	1	U	1	U	1	U
no(1,2,3-cd)pyrene	UG/L	0.069	8%		0	1	13	1	U	1	U	1	U
norone	UG/L	0	0%		0	0	13	1	U	1	U	1	U
trosodiphenylamine	UG/L	0	0%		0	0	13	1	U	1	U	1	U
trosodipropylamine	UG/L	0	0%		0	0	13	1	U	1	U	1	U
ithalene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
benzene	UG/L	0	0%		0	0	13	1	U	1	U	1	U
achlorophenol	UG/L	0	0%	0.4	0	0	13	2.5	U	2.5	U	2.5	U
anthrene	UG/L	0.35	8%		0	1	13	1	U	1	U	1	U
ol	UG/L	0	0%	5	0	0	13	1	U	1	U	1	U
ne	UG/L	0.25	15%		0	2	13	1	U	1	U	1	U
LOSIVES													
-Trinitrobenzene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
Dinitrobenzene	UG/L	0.07	8%		0	1	13	0.25	U	0.25	U	0.25	U
-Trinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
Dinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
Dinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
rotoluene	UG/L	0	0%		0	0	9	0.25	U	0.25	U	0.25	U
ino-4,6-Dinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
rotoluene	UG/L	0	0%		0	0	9	0.25	U	0.25	U	0.25	U
rotoluene	UG/L	0	0%		0	0	9	0.25	U	0.25	U	0.25	U
ino-2,6-Dinitrotoluene	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
benzene	UG/L	0	0%		0	0	9	0.25	U	0.25	U	0.25	U
	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
l	UG/L	0	0%		0	0	13	0.25	U	0.25	U	0.25	U
TICIDES/PCBs													
DDD	UG/L	0	0%	0.001	0	0	13	0.01	U	0.01	U	0.01	U
DDE	UG/L	0	0%	0.001	0	0	13	0.01	U	0.01	U	0.01	U
DDT	UG/L	0	0%	0.001	0	0	13	0.01	UJ	0.01	UJ	0.01	UJ
n	UG/L	0	0%		0	0	13	0.0051	U	0.0051	U	0.0051	U
a-BHC	UG/L	0	0%		0	0	13	0.0072	U	0.0085	U	0.0074	U
a-Chlordane	UG/L	0.0077	8%		0	1	13	0.0051	U	0.0051	U	0.0051	U
or-1016	UG/L	0	0%		0	0	13	0.1	U	0.1	U	0.1	U
or-1221	UG/L	0	0%		0	0	13	0.2	U	0.2	U	0.2	U
or-1232	UG/L	0	0%		0	0	13	0.1	U	0.1	U	0.1	U
or-1242	UG/L	0	0%		0	0	13	0.1	U	0.1	U	0.1	U
or-1248	UG/L	0	0%		0	0	13	0.1	U	0.1	U	0.1	U
or-1254	UG/L	0	0%	0.001	0	0	13	0.1	U	0.1	U	0.1	U
or-1260	UG/L	0	0%	0.001	0	0	13	0.1	U	0.1	U	0.1	U
-BHC	UG/L	0.0041	8%		0	1	13	0.0051	U	0.0041	J	0.0051	U
-BHC	UG/L	0	0%		0	0	13	0.0051	U	0.0051	U	0.0051	U
rin	UG/L	0	0%		0	0	13	0.01	UJ	0.01	UJ	0.01	UJ
sulfan I	UG/L	0	0%		0	0	13	0.0051	U	0.0051	U	0.0051	U
sulfan II	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.01	U
sulfan sulfate	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.01	U
in	UG/L	0	0%	0.002	0	0	13	0.01	U	0.01	U	0.01	U
in aldehyde	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.01	U
in ketone	UG/L	0	0%		0	0	13	0.01	U	0.01	U	0.01	U

Seneca Army Depot
SEAD-4 Remedial Investigation
Surface Water Sample Results

ANALYTE	UNIT	MAXIMUM	FREQUENCY OF DETECTION	NYS CLASS C	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SW4-50 SURFACE WATER 42012 0 N/A 12/15/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-51 SURFACE WATER 42015 0 N/A 12/18/98 SA RI Phase 1 Step 1 N		SEAD-4 SW4-52 SURFACE WATER 42016 0 N/A 12/18/98 SA RI Phase 1 Step 1 N	
ATILES													
ma-BHC/Lindane	UG/L	0	0%		0	0	13	0.0051	UJ	0.0051	UJ	0.0051	UJ
ma-Chlordane	UG/L	0.0064	8%		0	1	13	0.0051	U	0.0051	U	0.0051	U
achlor	UG/L	0	0%	0.001	0	0	13	0.0051	UJ	0.0051	UJ	0.0051	UJ
achlor epoxide	UG/L	0	0%	0.001	0	0	13	0.0051	U	0.0051	U	0.0051	U
achlorobenzene	UG/L	0	0%		0	0	9	0.01	U	0.01	U	0.01	U
noxychlor	UG/L	0	0%	0.03	0	0	13	0.051	U	0.051	U	0.051	U
aphene	UG/L	0	0%		0	0	13	0.51	U	0.51	U	0.51	U
BICIDES													
5-T	UG/L	0	0%		0	0	4						
5-TP/Silvex	UG/L	0	0%		0	0	4						
D	UG/L	0	0%		0	0	4						
DB	UG/L	0	0%		0	0	4						
pon	UG/L	0	0%		0	0	4						
mba	UG/L	0	0%		0	0	4						
loroprop	UG/L	0	0%		0	0	4						
seb	UG/L	0	0%		0	0	4						
PA	UG/L	0	0%		0	0	4						
PP	UG/L	0	0%		0	0	4						
TALS													
inum	UG/L	7350	100%	100	7	13	13	29.5	J	227		337	
mony	UG/L	6.6	38%		0	5	13	3.1	U	3.8	J	4.5	J
nic	UG/L	4.2	8%	190	0	1	13	2.3	U	2.3	U	2.3	U
um	UG/L	213	100%		0	13	13	66.6	J	59	J	63.6	J
llium	UG/L	0	0%	1.111	0	0	13	0.1	U	0.1	U	0.1	U
mium	UG/L	11.6	46%	1.862822	1	6	13	0.83	J	1.3	J	0.24	J
ium	UG/L	159000	100%		0	13	13	100000		83500		91500	
mium	UG/L	44.8	31%	347.2701	0	4	13	0.8	U	0.8	U	0.8	U
alt	UG/L	19.6	8%	5	1	1	13	1.6	U	1.6	U	1.6	U
per	UG/L	97	77%	20.28773	4	10	13	0.9	U	2.5	J	0.9	U
nide	UG/L	0	0%	5.2	0	0	13	5	U	5	U	5	U
	UG/L	16600	100%	300	7	13	13	161		310		1130	
d	UG/L	117	31%	7.16381	2	4	13	1.3	U	1.3	UJ	1.3	UJ
nesium	UG/L	32700	100%		0	13	13	13900		13100		14600	
ganese	UG/L	2350	100%		0	13	13	105		39		365	
cury	UG/L	0	0%		0	0	13	0.1	U	0.1	U	0.1	U
el	UG/L	32.6	15%	154.4886	0	2	13	1.9	U	1.9	U	1.9	U
ssium	UG/L	4790	100%		0	13	13	1640	J	2080	J	1920	J
nium	UG/L	0	0%	1	0	0	13	3.6	U	3.6	U	3.6	U
r	UG/L	1.7	15%	0.1	2	2	13	1	U	1	U	1	U
um	UG/L	36200	100%		0	13	13	16100		17900		16500	
lium	UG/L	2.4	8%	8	0	1	13	3.9	U	3.9	U	3.9	U
adium	UG/L	22.5	31%	14	1	4	13	1.5	U	1.5	U	1.7	J
	UG/L	492	100%	141.3798	1	13	13	3.5	J	40.5		11.5	J

SEAD-4 Sediment Chemical Data

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-1 SEDIMENT SD4-1 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-10 SEDIMENT 41001 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-11 SEDIMENT 41002 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41004 0 0.2 12/6/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41003 0 0.2 12/7/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-13 SEDIMEN 4100 0 0.2 12/6/199 SA RI Phase N	
ILES																		
richloroethane	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	36	UJ	17	UJ	13	UJ	33	UJ	56	UJ	3
richloroethane	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
hloroethane	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
hloroethene	UG/KG	0	0%	20	0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
hloroethane	UG/KG	0	0%	700	0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
hloroethene (total)	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
hloropropane	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
e	UG/KG	210	26%		0	15	58	210	J	17	U	13	U	22	J	120	J	1
ne	UG/KG	0	0%	600	0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
dichloromethane	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
orm	UG/KG	0	0%		0	0	58	36	UJ	17	UJ	13	UJ	33	UJ	56	UJ	3
disulfide	UG/KG	18	9%		0	5	58	10	J	17	U	13	U	5	J	17	J	3
tetrachloride	UG/KG	0	0%	600	0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
enzene	UG/KG	0	0%	3500	0	0	58	36	UJ	17	UJ	13	UJ	33	UJ	56	UJ	3
dibromomethane	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
ethane	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
orm	UG/KG	14	3%		0	2	58	36	UJ	17	U	6	J	33	UJ	56	UJ	3
-Dichloropropene	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
enzene	UG/KG	0	0%		0	0	58	36	UJ	17	UJ	13	UJ	33	UJ	56	UJ	3
bromide	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
butyl ketone	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
chloride	UG/KG	5	2%		0	1	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
ethyl ketone	UG/KG	49	2%		0	1	58	49	J	17	U	13	U	33	UJ	56	UJ	3
isobutyl ketone	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
ene chloride	UG/KG	11	5%		0	3	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
e	UG/KG	3	3%		0	2	58	36	UJ	17	UJ	13	UJ	33	UJ	56	UJ	3
loroethene	UG/KG	0	0%	800	0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
e	UG/KG	42	9%		0	5	58	36	UJ	17	U	13	U	33	UJ	42	J	3
ylenes	UG/KG	7	3%		0	2	58	36	UJ	17	UJ	13	UJ	33	UJ	56	UJ	3
,3-Dichloropropene	UG/KG	0	0%		0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
oethene	UG/KG	0	0%	2000	0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
loride	UG/KG	0	0%	70	0	0	58	36	UJ	17	U	13	U	33	UJ	56	UJ	3
OLATILE ORGANICS																		
richlorobenzene	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
hlorobenzene	UG/KG	0	0%	12000	0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
hlorobenzene	UG/KG	0	0%	12000	0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
hlorobenzene	UG/KG	73	2%	12000	0	1	58	1200	UJ	120	UJ	110	UJ	73	J	690	UJ	31
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9	1200	UJ									
richlorophenol	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
richlorophenol	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
hlorophenol	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
ethylphenol	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
itrophenol	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
itrotoluene	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
itrotoluene	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
ronaphthalene	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-1 SEDIMENT SD4-1 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-10 SEDIMENT 41001 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-11 SEDIMENT 41002 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41004 0 0.2 12/6/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41003 0 0.2 12/7/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-13 SEDIMEN 4100 0 0. 12/6/199 SA RI Phase N
rophenol	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
ylnaphthalene	UG/KG	31	9%		0	5	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
ylphenol	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
aniline	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
phenol	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
chlorobenzidine	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
aniline	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
nitro-2-methylphenol	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
nophenyl phenyl ether	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
ro-3-methylphenol	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
roaniline	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
rophenyl phenyl ether	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
ylphenol	UG/KG	140	10%		0	6	58	140	J	120	UJ	110	UJ	520	UJ	690	UJ	31
aniline	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
phenol	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
phthene	UG/KG	610	19%	140000	0	11	58	1200	UJ	120	UJ	110	UJ	520	UJ	55	J	31
phthylene	UG/KG	130	17%		0	10	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
cene	UG/KG	1700	47%		0	27	58	1200	UJ	120	UJ	110	UJ	110	J	160	J	1
(a)anthracene	UG/KG	5900	84%	1300	2	49	58	1200	UJ	16	J	6.2	J	260	J	380	J	4
(a)pyrene	UG/KG	5100	84%	1300	2	49	58	1200	UJ	17	J	13	J	260	J	350	J	6
(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	1200	UJ	21	J	32	J	280	J	360	J	9
(ghi)perylene	UG/KG	3200	78%		0	45	58	1200	UJ	17	J	17	J	170	J	200	J	4
(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	1200	UJ	18	J	110	R	330	J	410	J	7
Chloroethoxy)methane	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
Chloroethyl)ether	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
Chloroisopropyl)ether	UG/KG	0	0%		0	0	49			120	UJ	110	UJ	520	UJ	690	UJ	31
Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	1200	UJ	12	J	30	J	3600	J	3900	J	31
enzylphthalate	UG/KG	16	9%		0	5	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
zole	UG/KG	500	40%		0	23	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
ene	UG/KG	6200	90%	1300	2	52	58	1200	UJ	21	J	16	J	330	J	440	J	8
utylphthalate	UG/KG	250	47%		0	27	58	1200	UJ	120	UJ	7.2	J	130	J	120	J	3
ctylphthalate	UG/KG	46	5%		0	3	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	1200	UJ	120	UJ	110	UJ	45	J	120	J	31
zofuran	UG/KG	230	17%		0	10	58	1200	UJ	120	UJ	110	UJ	39	J	59	J	31
l phthalate	UG/KG	17	3%		0	2	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
hylphthalate	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
nthene	UG/KG	16000	93%	1020000	0	54	58	1200	UJ	37	J	23	J	620	J	840	J	13
ene	UG/KG	660	22%		0	13	58	1200	UJ	120	UJ	110	UJ	29	J	81	J	31
chlorobenzene	UG/KG	840	3%	150	1	2	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
chlorobutadiene	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
chloroethane	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	1200	UJ	16	J	16	UJ	170	J	210	J	4
prone	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
osodiphenylamine	UG/KG	760	2%		0	1	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
osodipropylamine	UG/KG	410	2%		0	1	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
halene	UG/KG	13	12%		0	7	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
enzene	UG/KG	0	0%		0	0	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-1 SEDIMENT SD4-1 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-10 SEDIMENT 41001 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-11 SEDIMENT 41002 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41004 0 0.2 12/6/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41003 0 0.2 12/7/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-13 SEDIMEN 4100 0 0.2 12/6/199 SA RI Phase N	
hlorophenol	UG/KG	0	0%		0	0	58	2800	UJ	280	UJ	260	UJ	1300	UJ	1700	UJ	76
nthrene	UG/KG	7900	88%	120000	0	51	58	1200	UJ	21	J	11	J	370	J	660	J	8
	UG/KG	210	7%		0	4	58	1200	UJ	120	UJ	110	UJ	520	UJ	690	UJ	31
	UG/KG	12000	93%		0	54	58	1200	UJ	27	J	15	J	530	J	700	J	9
SIVES																		
rinitrobenzene	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
itrobenzene	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
rinitrotoluene	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
itrotoluene	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
itrotoluene	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
toluene	UG/KG	450	2%		0	1	49			120	U	120	U	120	U	120	U	12
o-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
toluene	UG/KG	0	0%		0	0	49			120	U	120	U	120	U	120	U	12
toluene	UG/KG	0	0%		0	0	49			120	U	120	U	120	U	120	U	12
o-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
nzene	UG/KG	0	0%		0	0	49			120	U	120	U	120	U	120	U	12
	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
	UG/KG	0	0%		0	0	58	130	UJ	120	U	120	U	120	UJ	120	UJ	12
CIDES/PCBS																		
DD	UG/KG	90	22%	10	8	13	58	12	UJ	5.6	U	5.3	U	49	J	84	J	1
DE	UG/KG	86	33%	10	5	19	58	12	UJ	5.6	U	3.7	J	44	J	74	J	1
DT	UG/KG	45	28%	10	5	16	58	12	UJ	5.6	U	5.3	U	39	J	49	J	2
	UG/KG	2.8	5%	100	0	3	58	6.1	UJ	2.9	U	2.7	U	9.4	UJ	7.1	UJ	8.
BHC	UG/KG	0	0%		0	0	58	6.1	UJ	2.9	U	2.7	U	9.4	UJ	7.1	UJ	8.
Chlordane	UG/KG	44	14%		0	8	58	6.1	UJ	2.9	U	2.7	U	27	J	30	J	4
-1016	UG/KG	0	0%		0	0	58	120	UJ	56	U	53	U	180	UJ	140	UJ	16
-1221	UG/KG	0	0%		0	0	58	240	UJ	110	U	110	U	370	UJ	280	UJ	32
-1232	UG/KG	0	0%		0	0	58	120	UJ	56	U	53	U	180	UJ	140	UJ	16
-1242	UG/KG	0	0%		0	0	58	120	UJ	56	U	53	U	180	UJ	140	UJ	16
-1248	UG/KG	0	0%		0	0	58	120	UJ	56	U	53	U	180	UJ	140	UJ	16
-1254	UG/KG	580	45%	0.8	26	26	58	120	UJ	56	U	39	J	410	J	330	J	21
-1260	UG/KG	250	16%	0.8	9	9	58	120	UJ	56	U	53	U	190	J	250	J	11
HC	UG/KG	3.3	7%		0	4	58	6.1	UJ	2.9	U	2.7	U	9.4	UJ	7.1	UJ	8.
BHC	UG/KG	0	0%		0	0	58	6.1	UJ	2.9	U	2.7	U	9.4	UJ	7.1	UJ	8.
n	UG/KG	18	7%	100	0	4	58	12	UJ	5.6	U	5.3	U	16	J	18	J	1
lfan I	UG/KG	1.9	2%	30	0	1	58	6.1	UJ	2.9	U	2.7	U	9.4	UJ	7.1	UJ	8.
lfan II	UG/KG	6.8	3%	30	0	2	58	12	UJ	5.6	U	5.3	U	18	UJ	14	UJ	1
lfan sulfate	UG/KG	12	9%		0	5	58	12	UJ	5.6	U	5.3	U	18	UJ	14	UJ	1
	UG/KG	0	0%	800	0	0	58	12	UJ	5.6	U	5.3	U	18	UJ	14	U	1
aldehyde	UG/KG	15	12%		0	7	58	12	UJ	5.6	U	5.3	U	18	UJ	14	UJ	1
ketone	UG/KG	62	7%		0	4	58	12	UJ	5.6	U	5.3	U	18	UJ	14	UJ	1
a-BHC/Lindane	UG/KG	0	0%		0	0	58	6.1	UJ	2.9	U	2.7	U	9.4	UJ	7.1	UJ	8.
a-Chlordane	UG/KG	40	17%		0	10	58	6.1	UJ	2.9	U	2.7	U	27	J	29	J	4
hlor	UG/KG	2.4	2%	0.8	1	1	58	6.1	UJ	2.9	U	2.7	U	9.4	UJ	7.1	UJ	8.
hlor epoxide	UG/KG	10	10%	0.8	6	6	58	6.1	UJ	2.9	U	2.7	U	73	J	18	J	8.
xychlor	UG/KG	68	3%		0	2	58	61	UJ	29	U	27	U	94	UJ	71	UJ	8
hene	UG/KG	0	0%		0	0	58	610	UJ	290	U	270	U	940	UJ	710	UJ	81

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-1 SEDIMENT SD4-1 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-10 SEDIMENT 41001 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-11 SEDIMENT 41002 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41004 0 0.2 12/6/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-12 SEDIMENT 41003 0 0.2 12/7/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-13 SEDIMEN 4100 0 0.2 12/6/199 SA RI Phase N
ICIDES																		
T	UG/KG	21	11%		0	1	9	21	J									
TP/Silvex	UG/KG	0	0%		0	0	9	18	UJ									
	UG/KG	0	0%		0	0	9	180	UJ									
	UG/KG	0	0%		0	0	9	180	UJ									
on	UG/KG	0	0%		0	0	9	430	UJ									
ba	UG/KG	0	0%		0	0	9	18	UJ									
roprop	UG/KG	0	0%		0	0	9	180	UJ									
eb	UG/KG	0	0%		0	0	9	89	UJ									
	UG/KG	0	0%		0	0	9	18000	UJ									
	UG/KG	0	0%		0	0	9	18000	UJ									
LS																		
num	MG/KG	22100	100%		0	58	58	17500	J	13200	J	9890	J	20600	J	8680	J	1340
ony	MG/KG	82.7	53%	2	20	31	58	24.5	UJ	0.99	R	1.4	J	[illegible]	J	[illegible]	J	[illegible]
ic	MG/KG	37.7	98%	6	19	57	58	[illegible]	J	4.2		3.4		[illegible]	J	2.5	J	
n	MG/KG	488	100%		0	58	58	102	J	80.5	J	97.6	J	194	J	163	J	98.
um	MG/KG	1.1	100%		0	58	58	0.58	J	0.67	J	0.54	J	0.96	J	0.46	J	0.5
ium	MG/KG	34.1	47%	0.6	24	27	58	1.5	UJ	0.16	U	[illegible]		[illegible]	J	[illegible]	J	
m	MG/KG	140000	100%		0	58	58	68100	J	4790		30900		43200	J	34300	J	745
nium	MG/KG	4800	100%	26	28	58	58	[illegible]	J	20.3	J	19.5	J	[illegible]	J	[illegible]	J	
t	MG/KG	28.4	100%		0	58	58	14.1	J	11	J	13.6		25.3	J	9.6	J	9.
er	MG/KG	2640	100%	16	55	58	58	[illegible]	J	[illegible]	J	[illegible]	J	[illegible]	J	[illegible]	J	
de	MG/KG	0	0%		0	0	58	1.6	UJ	0.99	U	0.79	U	3.1	UJ	2	UJ	2.
	MG/KG	87900	100%	20000	45	58	58	[illegible]	J	[illegible]	J	[illegible]	J	[illegible]	J	19200	J	1800
	MG/KG	374	95%	31	35	55	58	13.5	J	24.5		[illegible]		[illegible]	J	[illegible]	J	
esium	MG/KG	27900	100%		0	58	58	7630	J	4800	J	4490	J	8990	J	3470	J	494
anese	MG/KG	5480	100%	460	28	58	58	[illegible]	J	[illegible]		[illegible]		[illegible]	J	[illegible]	J	17
ry	MG/KG	2.4	59%	0.15	16	34	58	0.07	J	0.08	UJ	0.08	J	[illegible]	J	[illegible]	J	
	MG/KG	453	100%	16	58	58	58	[illegible]	J	[illegible]		[illegible]		[illegible]	J	[illegible]	J	
sium	MG/KG	3460	100%		0	58	58	2760	J	1490	J	1260	J	2340	J	1500	J	259
ium	MG/KG	6.1	41%		0	24	58	0.64	UJ	1.2	U	0.96	U	1.9	UJ	1.5	UJ	2.
	MG/KG	1.7	45%	1	4	26	58	3.1	UJ	0.32	U	0.27	U	[illegible]	J	[illegible]	J	0.8
m	MG/KG	1370	64%		0	37	58	207	J	89.8	J	118	J	378	J	312	J	23
um	MG/KG	0	0%		0	0	58	0.7	UJ	1.2	U	0.96	U	3.4	UJ	2.8	UJ	3.
dium	MG/KG	1140	100%		0	58	58	28.2	J	25.2	J	17.3	J	40.3	J	21	J	21.
	MG/KG	1150	100%	120	41	58	58	[illegible]	J	101		113		[illegible]	J	[illegible]	J	

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-14 SEDIMENT 41006 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-15 SEDIMENT 41007 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-16 SEDIMENT 41008 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-17 SEDIMENT 41009 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-18 SEDIMENT 41010 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-19 SEDIMEN 4101 0.2 12/6/199 SA RI Phase N
TILES																		
Trichloroethane	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	23	UJ	12	U	14	UJ	21	UJ	14	UJ	1
Trichloroethane	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
hloroethane	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
hloroethene	UG/KG	0	0%	20	0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
hloroethane	UG/KG	0	0%	700	0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
hloroethene (total)	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
hloropropane	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
e	UG/KG	210	26%		0	15	58	23	UJ	12	U	14	U	21	U	14	U	1
ne	UG/KG	0	0%	600	0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
dichloromethane	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
form	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	UJ	21	UJ	14	UJ	1
n disulfide	UG/KG	18	9%		0	5	58	23	UJ	12	U	14	U	21	U	14	U	1
n tetrachloride	UG/KG	0	0%	600	0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
benzene	UG/KG	0	0%	3500	0	0	58	23	UJ	12	U	14	UJ	21	UJ	14	UJ	1
dibromomethane	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
ethane	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
form	UG/KG	14	3%		0	2	58	23	UJ	12	U	14	U	21	U	14	U	1
-Dichloropropene	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
enzene	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	UJ	21	UJ	14	UJ	1
bromide	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
butyl ketone	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
chloride	UG/KG	5	2%		0	1	58	23	UJ	12	U	14	U	21	U	14	U	1
ethyl ketone	UG/KG	49	2%		0	1	58	23	UJ	12	U	14	U	21	U	14	U	1
isobutyl ketone	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
ene chloride	UG/KG	11	5%		0	3	58	23	UJ	12	U	14	U	21	U	14	U	1
e	UG/KG	3	3%		0	2	58	23	UJ	12	U	14	UJ	21	UJ	14	UJ	1
hloroethene	UG/KG	0	0%	800	0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
e	UG/KG	42	9%		0	5	58	23	UJ	12	U	3	J	21	U	14	U	1
Xylenes	UG/KG	7	3%		0	2	58	23	UJ	12	U	14	UJ	21	UJ	14	UJ	1
1,3-Dichloropropene	UG/KG	0	0%		0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
roethene	UG/KG	0	0%	2000	0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
hloride	UG/KG	0	0%	70	0	0	58	23	UJ	12	U	14	U	21	U	14	U	1
OLATILE ORGANICS																		
Trichlorobenzene	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
chlorobenzene	UG/KG	0	0%	12000	0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
chlorobenzene	UG/KG	0	0%	12000	0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
chlorobenzene	UG/KG	73	2%	12000	0	1	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9											
Trichlorophenol	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	U	5700	U	250	U	38
Trichlorophenol	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
chlorophenol	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
methylphenol	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	UJ	2400	UJ	100	UJ	16
nitrophenol	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	UJ	5700	UJ	250	UJ	38
nitrotoluene	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
nitrotoluene	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16
ronaphthalene	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-14 SEDIMENT 41006 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-15 SEDIMENT 41007 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-16 SEDIMENT 41008 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-17 SEDIMENT 41009 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-18 SEDIMENT 41010 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-19 SEDIMEN 4101 0. 12/6/199 SA RI Phase N	
TICS																			
Nitrophenol	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
hylnaphthalene	UG/KG	31	9%		0	5	58	150	UJ	77	UJ	280	U	2400	U	5.7	J	16	
hylphenol	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
oaniline	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	U	5700	U	250	U	38	
ophenol	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
ichlorobenzidine	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
oaniline	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	U	5700	U	250	U	38	
nitro-2-methylphenol	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	U	5700	U	250	U	38	
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
ro-3-methylphenol	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
roaniline	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
rophenyl phenyl ether	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
hylphenol	UG/KG	140	10%		0	6	58	150	UJ	77	UJ	280	U	2400	U	16	J	16	
oaniline	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	U	5700	U	250	U	38	
ophenol	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	U	5700	U	250	U	38	
phthene	UG/KG	610	19%	140000	0	11	58	150	UJ	77	UJ	46	J	610	J	25	J	16	
phthylene	UG/KG	130	17%		0	10	58	150	UJ	77	UJ	25	J	2400	U	10	J	16	
acene	UG/KG	1700	47%		0	27	58	11	J	6.9	J	110	J	1700	J	53	J	1	
(a)anthracene	UG/KG	5900	84%	1300	2	49	58	63	J	52	J	790		[redacted]		350		6	
(a)pyrene	UG/KG	5100	84%	1300	2	49	58	72	J	56	J	830		[redacted]		350		7	
(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	200	J	52	J	1500		[redacted]		480		15	
(ghi)perylene	UG/KG	3200	78%		0	45	58	63	J	39	J	460		3200		180		5	
(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	150	R	67	J	280	U	[redacted]		330		16	
Chloroethoxy)methane	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
Chloroethyl)ether	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
Chloroisopropyl)ether	UG/KG	0	0%		0	0	49	150	UJ	77	UJ	280	U	2400	U	100	U	16	
Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	170	J	77	UJ	280	U	2400	U	100	U	16	
enzylphthalate	UG/KG	16	9%		0	5	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
zole	UG/KG	500	40%		0	23	58	13	J	6	J	94	J	500	J	49	J		
ene	UG/KG	6200	90%	1300	2	52	58	100	J	68	J	980		[redacted]		440		11	
utylphthalate	UG/KG	250	47%		0	27	58	21	J	77	UJ	280	U	2400	U	43	J	1	
ctylphthalate	UG/KG	46	5%		0	3	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	23	J	20	J	250	J	1200	J	85	J	2	
zofuran	UG/KG	230	17%		0	10	58	150	UJ	77	UJ	17	J	230	J	10	J	16	
l phthalate	UG/KG	17	3%		0	2	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
hylphthalate	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
nthene	UG/KG	16000	93%	1020000	0	54	58	160	J	140	J	1700		16000		800		14	
ene	UG/KG	660	22%		0	13	58	150	UJ	77	UJ	46	J	660	J	28	J	16	
chlorobenzene	UG/KG	840	3%	150	1	2	58	150	UJ	77	U	280	U	2400	U	100	U	16	
chlorobutadiene	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
chloroethane	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	58	J	40	J	460		[redacted]		180		4	
prone	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
osodiphenylamine	UG/KG	760	2%		0	1	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
osodipropylamine	UG/KG	410	2%		0	1	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	
halene	UG/KG	13	12%		0	7	58	150	UJ	77	UJ	280	U	2400	U	6.9	J	16	
enzene	UG/KG	0	0%		0	0	58	150	UJ	77	UJ	280	U	2400	U	100	U	16	

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SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-14 SEDIMENT 41006 0 0.2 12/6/1998 SA RI Phase 1 N	Step 1	SEAD-4 SD4-15 SEDIMENT 41007 0 0.2 12/6/1998 SA RI Phase 1 N	Step 1	SEAD-4 SD4-16 SEDIMENT 41008 0 0.2 12/6/1998 SA RI Phase 1 N	Step 1	SEAD-4 SD4-17 SEDIMENT 41009 0 0.2 12/6/1998 SA RI Phase 1 N	Step 1	SEAD-4 SD4-18 SEDIMENT 41010 0 0.2 12/6/1998 SA RI Phase 1 N	Step 1	SEAD-4 SD4-19 SEDIMEN 41011 0 0.2 12/6/1998 SA RI Phase N
[illegible]Nitrophenol	UG/KG	0	0%		0	0	58	370	UJ	190	UJ	690	U	5700	U	250	U	380
threne	UG/KG	7900	88%	120000	0	51	58	82	J	61	J	780		7900		430		68
	UG/KG	210	7%		0	4	58	150	UJ	77	UJ	280	U	2400	U	180		160
	UG/KG	12000	93%		0	54	58	110	J	100	J	1300		12000		660		130
SIVES																		
rinitrobenzene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
trobenzene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
rinitrotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
trotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
trotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
oluene	UG/KG	450	2%		0	1	49	120	U	120	U	120	U	450	J	120	U	120
o-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	120	UJ	120	U	120	U	120	U	120	U	120
oluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U	120
oluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U	120
o-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	120	UJ	120	U	120	U	120	U	120	U	120
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
nzene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U	120
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	120
CIDES/PCBS																		
D	UG/KG	90	22%	10	8	13	58	7.7	UJ	3.8	U	4.9	U	5.9	U	16		7.8
E	UG/KG	86	33%	10	5	19	58	6.7	J	3.8	U	9	J	5.9	U	5.2	U	7.8
T	UG/KG	45	28%	10	5	16	58	7.7	UJ	3.8	U	4.6	J	6.3	J	5.2	U	7.8
	UG/KG	2.8	5%	100	0	3	58	4	UJ	2	U	2.8	J	2.3	J	2.6	U	4
BHC	UG/KG	0	0%		0	0	58	4	UJ	2	U	2.5	U	3	U	2.6	U	4
Chlordane	UG/KG	44	14%		0	8	58	21	J	2	U	2.5	U	3	U	2.6	U	4
-1016	UG/KG	0	0%		0	0	58	77	UJ	38	U	49	U	59	U	52	U	78
-1221	UG/KG	0	0%		0	0	58	160	UJ	78	U	100	U	120	U	100	U	160
-1232	UG/KG	0	0%		0	0	58	77	UJ	38	U	49	U	59	U	52	U	78
-1242	UG/KG	0	0%		0	0	58	77	UJ	38	U	49	U	59	U	52	U	78
-1248	UG/KG	0	0%		0	0	58	77	UJ	38	U	49	U	59	U	52	U	78
-1254	UG/KG	580	45%	0.8	26	26	58	150	J	38	U	49	U	59	U	52	U	78
-1260	UG/KG	250	16%	0.8	9	9	58	58	J	38	U	49	U	59	U	52	U	78
HC	UG/KG	3.3	7%		0	4	58	4	UJ	2	U	2.5	U	2.1	J	2.6	U	4
HC	UG/KG	0	0%		0	0	58	4	UJ	2	U	2.5	U	3	U	2.6	U	4
	UG/KG	18	7%	100	0	4	58	7.7	UJ	3.8	U	4.9	U	5.9	U	5.2	U	7.8
lfan I	UG/KG	1.9	2%	30	0	1	58	4	UJ	2	U	2.5	U	1.9	J	2.6	U	4
lfan II	UG/KG	6.8	3%	30	0	2	58	7.7	UJ	3.8	U	6.8	J	5.9	U	5.2	U	7.8
lfan sulfate	UG/KG	12	9%		0	5	58	7.7	UJ	3.8	U	4.9	U	12	J	3.2	J	7.8
	UG/KG	0	0%	800	0	0	58	7.7	UJ	3.8	U	4.9	U	5.9	U	5.2	U	7.8
aldehyde	UG/KG	15	12%		0	7	58	7.7	UJ	3.8	U	4.9	U	6.9	J	5.2	U	7.8
ketone	UG/KG	62	7%		0	4	58	7.7	UJ	3.8	U	4.9	U	29		5.2	U	7.8
a-BHC/Lindane	UG/KG	0	0%		0	0	58	4	UJ	2	U	2.5	U	3	U	2.6	U	4
a-Chlordane	UG/KG	40	17%		0	10	58	13	J	2	U	2.5	U	12		2.6	U	4
hlor	UG/KG	2.4	2%	0.8	1	1	58	4	UJ	2	U	3.1	J	3	U	2.6	U	4
hlor epoxide	UG/KG	10	10%	0.8	6	6	58	14	J	2	U	1.6	J	3	U	2.6	U	4
ychlor	UG/KG	68	3%		0	2	58	40	UJ	20	U	25	U	68	J	26	U	40
ene	UG/KG	0	0%		0	0	58	400	UJ	200	U	250	U	300	U	260	U	400

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-14 SEDIMENT 41006 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-15 SEDIMENT 41007 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-16 SEDIMENT 41008 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-17 SEDIMENT 41009 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-18 SEDIMENT 41010 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-19 SEDIMEN 4101 0. 12/6/199 SA RI Phase N
TOTAL PCBS													
T	UG/KG	21	11%		0	1	9						
TP/Silvex	UG/KG	0	0%		0	0	9						
	UG/KG	0	0%		0	0	9						
B	UG/KG	0	0%		0	0	9						
on	UG/KG	0	0%		0	0	9						
ba	UG/KG	0	0%		0	0	9						
roprop	UG/KG	0	0%		0	0	9						
eb	UG/KG	0	0%		0	0	9						
	UG/KG	0	0%		0	0	9						
	UG/KG	0	0%		0	0	9						
LS													
num	MG/KG	22100	100%		0	58	58	12300 J	8660	11000	13500	14700	802
ony	MG/KG	82.7	53%	2	20	31	58	2.8 J	0.59 U	0.89 U	0.94 U	0.86 U	1.
ic	MG/KG	37.7	98%	6	19	57	58	12.3 J	3.2	4.8	4.3	5.5	2.
n	MG/KG	488	100%		0	58	58	359 J	52.7	78.1	80.4	111	63.
um	MG/KG	1.1	100%		0	58	58	0.66 J	0.34 J	0.5 J	0.53 J	0.66 J	0.
ium	MG/KG	34.1	47%	0.6	24	27	58	7.7 J	0.09 U	0.14 U	0.15 U	0.14 U	0.1
m	MG/KG	140000	100%		0	58	58	15600 J	16800	14700	9040	5510	6060
nium	MG/KG	4800	100%	26	28	58	58	27.7 J	12.5 J	13.2 J	19.3 J	16.3 J	11.
t	MG/KG	28.4	100%		0	58	58	28.4 J	10.5	9.5 J	14.3 J	11.2 J	7.
er	MG/KG	2640	100%	16	55	58	58	82.1 J	11.2	24.3	33.6	24.1	
de	MG/KG	0	0%		0	0	58	1.3 UJ	0.59 UJ	0.89 UJ	1.1 UJ	0.87 UJ	1.
	MG/KG	87900	100%	20000	45	58	58	33900 J	17900 J	19400 J	27800 J	23100 J	1430
	MG/KG	374	95%	31	35	55	58	134 J	8.8	45.3	48.9	33.4	
esium	MG/KG	27900	100%		0	58	58	4930 J	3800	4760	5830	3630	450
anese	MG/KG	5480	100%	460	28	58	58	3490 J	815 J	756 J	401 J	751 J	37
ury	MG/KG	2.4	59%	0.15	16	34	58	0.26 J	0.06 UJ	0.08 J	0.11 J	0.08 J	0.1
	MG/KG	453	100%	16	58	58	58	47.6 J	11.2	33.6	40.9	28.5	
sium	MG/KG	3460	100%		0	58	58	2640 J	795 J	1650	1590	1990	130
ium	MG/KG	6.1	41%		0	24	58	4.5 J	0.38 U	0.71 J	0.6 U	0.66 J	1.
	MG/KG	1.7	45%	1	4	26	58	0.8 J	0.34 J	0.59 J	0.38 J	0.6 J	0.4
m	MG/KG	1370	64%		0	37	58	219 J	65.3 J	74.9 U	141 J	72.6 U	28
um	MG/KG	0	0%		0	0	58	15.7 UJ	6.8 U	10.3 U	1.1 U	10 U	1.
dium	MG/KG	1140	100%		0	58	58	41.7 J	9.3 J	14.5	36.8	19.8	55.
	MG/KG	1150	100%	120	41	58	58	410 J	59.8	233	181	87.3	11

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-2 SEDIMENT SD4-2 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-20 SEDIMENT 41012 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-21 SEDIMENT 41013 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-22 SEDIMENT 41014 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-23 SEDIMENT 41015 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-24 SEDIMEN 41016 0 0.2 12/8/1998 SA RI Phase N
ILES																		
richloroethane	UG/KG	0	0%		0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
richloroethane	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
hloroethane	UG/KG	0	0%		0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
hloroethene	UG/KG	0	0%	20	0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
hloroethane	UG/KG	0	0%	700	0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
hloroethene (total)	UG/KG	0	0%		0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
hloropropane	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
e	UG/KG	210	26%		0	15	58	51		15	U	10	J	15	U	78	J	1
ne	UG/KG	0	0%	600	0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
dichloromethane	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
form	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
disulfide	UG/KG	18	9%		0	5	58	33	U	15	U	13	U	15	U	34	UJ	2
tetrachloride	UG/KG	0	0%	600	0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
benzene	UG/KG	0	0%	3500	0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
dibromomethane	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
ethane	UG/KG	0	0%		0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
form	UG/KG	14	3%		0	2	58	33	U	15	U	13	U	15	U	34	UJ	2
-Dichloropropene	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
enzene	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
bromide	UG/KG	0	0%		0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
butyl ketone	UG/KG	0	0%		0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
chloride	UG/KG	5	2%		0	1	58	33	U	15	U	13	U	15	U	34	UJ	2
ethyl ketone	UG/KG	49	2%		0	1	58	33	U	15	U	13	U	15	U	34	UJ	2
isobutyl ketone	UG/KG	0	0%		0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
ene chloride	UG/KG	11	5%		0	3	58	33	U	15	U	13	U	15	U	34	UJ	2
e	UG/KG	3	3%		0	2	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
hloroethene	UG/KG	0	0%	800	0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
e	UG/KG	42	9%		0	5	58	33	U	15	U	7	J	15	U	34	UJ	2
ylenes	UG/KG	7	3%		0	2	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
1,3-Dichloropropene	UG/KG	0	0%		0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
roethene	UG/KG	0	0%	2000	0	0	58	33	U	15	UJ	13	UJ	15	UJ	34	UJ	2
hloride	UG/KG	0	0%	70	0	0	58	33	U	15	U	13	U	15	U	34	UJ	2
OLATILE ORGANICS																		
richlorobenzene	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
chlorobenzene	UG/KG	0	0%	12000	0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
chlorobenzene	UG/KG	0	0%	12000	0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
chlorobenzene	UG/KG	73	2%	12000	0	1	58	580	U	98	U	89	U	200	U	150	UJ	18
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9	580	U									
richlorophenol	UG/KG	0	0%		0	0	58	1400	U	240	U	220	U	480	U	370	UJ	43
richlorophenol	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
chlorophenol	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
methylphenol	UG/KG	0	0%		0	0	58	580	U	98	UJ	89	UJ	200	UJ	150	UJ	18
itrophenol	UG/KG	0	0%		0	0	58	1400	U	240	UJ	220	UJ	480	UJ	370	UJ	43
itrotoluene	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
itrotoluene	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
ronaphthalene	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-2 SEDIMENT SD4-2 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-20 SEDIMENT 41012 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-21 SEDIMENT 41013 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-22 SEDIMENT 41014 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-23 SEDIMENT 41015 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-24 SEDIMEI 4101 0. 12/8/199 SA RI Phase N
TILES																		
orophenol	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
hylnaphthalene	UG/KG	31	9%		0	5	58	580	U	9.4	J	8.8	J	31	J	150	UJ	18
hylphenol	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
oaniline	UG/KG	0	0%		0	0	58	1400	U	240	U	220	U	480	U	370	UJ	43
ophenol	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
ichlorobenzidine	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
oaniline	UG/KG	0	0%		0	0	58	1400	U	240	U	220	U	480	U	370	UJ	43
nitro-2-methylphenol	UG/KG	0	0%		0	0	58	1400	U	240	U	220	U	480	U	370	UJ	43
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
bro-3-methylphenol	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
broaniline	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
brophenyl phenyl ether	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
hylphenol	UG/KG	140	10%		0	6	58	580	U	98	U	89	U	200	U	150	UJ	18
oaniline	UG/KG	0	0%		0	0	58	1400	U	240	U	220	U	480	U	370	UJ	43
ophenol	UG/KG	0	0%		0	0	58	1400	U	240	U	220	U	480	U	370	UJ	43
aphthene	UG/KG	610	19%	140000	0	11	58	580	U	98	U	6.6	J	200	U	150	UJ	18
aphthylene	UG/KG	130	17%		0	10	58	580	U	98	U	89	U	200	U	150	UJ	18
acene	UG/KG	1700	47%		0	27	58	580	U	98	U	20	J	23	J	150	UJ	18
o(a)anthracene	UG/KG	5900	84%	1300	2	49	58	580	U	56	J	81	J	410		12	J	2
o(a)pyrene	UG/KG	5100	84%	1300	2	49	58	580	U	37	J	49	J	370	J	13	J	2
o(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	580	U	110		150		1000	J	43	J	7
o(ghi)perylene	UG/KG	3200	78%		0	45	58	580	U	36	J	36	J	340	J	15	J	2
o(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	580	U	98	U	89	U	200	UJ	150	R	18
-Chloroethoxy)methane	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
-Chloroethyl)ether	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	49			98	U	89	U	200	U	150	UJ	18
-Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	580	U	98	U	89	U	200	U	150	UJ	18
benzylphthalate	UG/KG	16	9%		0	5	58	580	U	98	U	13	J	200	U	150	UJ	18
azole	UG/KG	500	40%		0	23	58	580	U	98	U	15	J	34	J	150	UJ	18
ene	UG/KG	6200	90%	1300	2	52	58	580	U	63	J	75	J	520		24	J	4
butylphthalate	UG/KG	250	47%		0	27	58	580	U	7	J	14	J	17	J	38	J	1
octylphthalate	UG/KG	46	5%		0	3	58	46	J	98	U	89	U	200	UJ	150	UJ	18
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	580	U	10	J	14	J	140	J	150	UJ	1
zofuran	UG/KG	230	17%		0	10	58	580	U	98	U	6.2	J	200	U	150	UJ	18
yl phthalate	UG/KG	17	3%		0	2	58	580	U	98	U	89	U	200	U	150	UJ	18
hylphthalate	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
anthene	UG/KG	16000	93%	1020000	0	54	58	31	J	79	J	150		560		29	J	8
ene	UG/KG	660	22%		0	13	58	29	J	98	U	9.2	J	13	J	150	UJ	18
chlorobenzene	UG/KG	840	3%	150	1	2	58	580	U	98	U	89	U	200	U	150	UJ	18
chlorobutadiene	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
chloroethane	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	580	U	17	J	26	J	250		14	J	2
orone	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18
rosodiphenylamine	UG/KG	760	2%		0	1	58	580	U	98	U	89	U	200	U	150	UJ	18
rosodipropylamine	UG/KG	410	2%		0	1	58	410	J	98	U	89	U	200	U	150	UJ	18
thalene	UG/KG	13	12%		0	7	58	580	U	98	U	5.4	J	13	J	150	UJ	18
benzene	UG/KG	0	0%		0	0	58	580	U	98	U	89	U	200	U	150	UJ	18

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-2 SEDIMENT SD4-2 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-20 SEDIMENT 41012 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-21 SEDIMENT 41013 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-22 SEDIMENT 41014 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-23 SEDIMENT 41015 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-24 SEDIME 4101 0 12/8/199 SA RI Phase N
[illegible]phenol	UG/KG	0	0%		0	0	58	1400	U	240	U	220	U	480	U	370	UJ	43
anthrene	UG/KG	7900	88%	120000	0	51	58	580	U	43	J	120		160	J	20	J	3
l	UG/KG	210	7%		0	4	58	580	U	98	U	89	U	200	U	150	UJ	18
e	UG/KG	12000	93%		0	54	58	26	J	85	J	140		760		18	J	5
OSIVES																		
Trinitrobenzene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
nitrobenzene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
Trinitrotoluene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
nitrotoluene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
nitrotoluene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
otoluene	UG/KG	450	2%		0	1	49			120	U	120	U	120	U	120	U	12
no-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	130	U	120	U	120	U	120	U	120	UJ	12
otoluene	UG/KG	0	0%		0	0	49			120	U	120	U	120	U	120	U	12
otoluene	UG/KG	0	0%		0	0	49			120	U	120	U	120	U	120	U	12
no-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	140	J	120	U	120	U	120	U	120	UJ	12
	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
enzene	UG/KG	0	0%		0	0	49			120	U	120	U	120	U	120	U	12
	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	U	120	UJ	12
ICIDES/PCBS																		
DD	UG/KG	90	22%	10	8	13	58	5.8	U	18	J	4.4	U	4.9	U	4.2	J	8
DE	UG/KG	86	33%	10	5	19	58	4.1	J	3.4	J	6.5	J	6.6	J	6	J	8
DT	UG/KG	45	28%	10	5	16	58	5.8	U	3.7	J	4.5	J	7.7	J	7.7	UJ	8
	UG/KG	2.8	5%	100	0	3	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
-BHC	UG/KG	0	0%		0	0	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
-Chlordane	UG/KG	44	14%		0	8	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
r-1016	UG/KG	0	0%		0	0	58	58	U	49	U	44	U	49	U	77	UJ	8
r-1221	UG/KG	0	0%		0	0	58	120	U	100	U	90	U	100	U	160	UJ	16
r-1232	UG/KG	0	0%		0	0	58	58	U	49	U	44	U	49	U	77	UJ	8
r-1242	UG/KG	0	0%		0	0	58	58	U	49	U	44	U	49	U	77	UJ	8
r-1248	UG/KG	0	0%		0	0	58	58	U	49	U	44	U	49	U	77	UJ	8
r-1254	UG/KG	580	45%	0.8	26	26	58	230		56	J	44	U	110		50	J	8
r-1260	UG/KG	250	16%	0.8	9	9	58	58	U	49	U	44	U	130		50	J	8
BHC	UG/KG	3.3	7%		0	4	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
BHC	UG/KG	0	0%		0	0	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
in	UG/KG	18	7%	100	0	4	58	5.8	U	4.9	U	4.4	U	6.4	J	7.7	UJ	8
ulfan I	UG/KG	1.9	2%	30	0	1	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
ulfan II	UG/KG	6.8	3%	30	0	2	58	5.8	U	4.9	U	4.4	U	4.9	U	7.7	UJ	8
ulfan sulfate	UG/KG	12	9%		0	5	58	5.8	U	4.9	U	4.4	U	3.6	J	7.7	UJ	8
n	UG/KG	0	0%	800	0	0	58	5.8	U	4.9	U	4.4	U	4.9	U	7.7	UJ	8
n aldehyde	UG/KG	15	12%		0	7	58	3	J	4.9	U	4.4	U	8.5		7.7	UJ	8
n ketone	UG/KG	62	7%		0	4	58	5.8	U	4.9	U	4.4	U	4.9	U	7.7	UJ	8
na-BHC/Lindane	UG/KG	0	0%		0	0	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
na-Chlordane	UG/KG	40	17%		0	10	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
chlor	UG/KG	2.4	2%	0.8	1	1	58	3	U	2.5	U	2.3	U	2.5	U	4	UJ	4
chlor epoxide	UG/KG	10	10%	0.8	6	6	58	3	U	2.5	U	2.3	U	1.1	J	4	UJ	4
oxychlor	UG/KG	68	3%		0	2	58	30	U	25	U	23	U	25	U	40	UJ	4
ohene	UG/KG	0	0%		0	0	58	300	U	250	U	230	U	250	U	400	UJ	4

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-2 SEDIMENT SD4-2 0 0.5 11/2/1993 SA ESI N		SEAD-4 SD4-20 SEDIMENT 41012 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-21 SEDIMENT 41013 0 0.2 12/6/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-22 SEDIMENT 41014 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-23 SEDIMENT 41015 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-24 SEDIME 410 0 12/8/19 SA RI Phas N	
ATILES																			
-T	UG/KG	21	11%		0	1	9	8.7	U										
-TP/Silvex	UG/KG	0	0%		0	0	9	8.7	U										
	UG/KG	0	0%		0	0	9	87	U										
DB	UG/KG	0	0%		0	0	9	87	U										
pon	UG/KG	0	0%		0	0	9	210	U										
mba	UG/KG	0	0%		0	0	9	8.7	U										
loroprop	UG/KG	0	0%		0	0	9	87	U										
seb	UG/KG	0	0%		0	0	9	44	U										
PA	UG/KG	0	0%		0	0	9	8700	U										
PP	UG/KG	0	0%		0	0	9	8700	U										
ALS																			
inum	MG/KG	22100	100%		0	58	58	12000		7850		10900		13300		15800		149	
mony	MG/KG	82.7	53%	2	20	31	58	30.1		0.91	U	0.77	U	0.87	U	7	J		
nic	MG/KG	37.7	98%	6	19	57	58	3.8		3.4		4.3		4		2.1	J	1	
um	MG/KG	488	100%		0	58	58	61.3		61		65.2		55.4	J	112	J	1	
llium	MG/KG	1.1	100%		0	58	58	0.54	J	0.47	J	0.53	J	0.62	J	0.7	J	0	
mium	MG/KG	34.1	47%	0.6	24	27	58	0.92	U	0.15	U	0.12	U	0.14	U	1	J		
ium	MG/KG	140000	100%		0	58	58	26200		140000		27300		54900		49800	J	368	
mium	MG/KG	4800	100%	26	28	58	58	2230		12.2	J	15.4	J	20	J	33.6	J		
alt	MG/KG	28.4	100%		0	58	58	9.5	J	8.1	J	10	J	13.5	J	14.8	J	2	
per	MG/KG	2640	100%	16	55	58	58	1560		72.2		24.5		16		37	J		
nide	MG/KG	0	0%		0	0	58	0.78	U	0.81	UJ	0.78	UJ	0.87	UJ	1.3	UJ		
	MG/KG	87900	100%	20000	45	58	58	21100		16600	J	20400	J	15900	J	3700	J	13	
d	MG/KG	374	95%	31	35	55	58	18.6		37.4		53.8		55.9		158	J	6	
nesium	MG/KG	27900	100%		0	58	58	4830		7710		5730		9090		6210	J	71	
ganese	MG/KG	5480	100%	460	28	58	58	363		437	J	408	J	415	J	540	J	1	
cury	MG/KG	2.4	59%	0.15	16	34	58	0.16		0.07	UJ	0.08	J	0.07	UJ	0.43	J	0	
el	MG/KG	453	100%	16	58	58	58	26.5		44.6		33.3		50.3		37.4	J	4	
ssium	MG/KG	3460	100%		0	58	58	1640		1470	J	1750		2570		3460	J	31	
nium	MG/KG	6.1	41%		0	24	58	0.27	U	0.75	J	0.68	J	1.3	J	0.88	UJ		
er	MG/KG	1.7	45%	1	4	26	58	1.9	U	0.77	J	0.49	J	0.34	J	0.78	J		
ium	MG/KG	1370	64%		0	37	58	97	J	185	J	65.3	U	108	J	215	J	2	
lium	MG/KG	0	0%		0	0	58	0.29	U	1.1	U	0.9	U	1	U	15.9	UJ	1	
adium	MG/KG	1140	100%		0	58	58	19.5		74.9		35		58.5		24.2	J	7	
	MG/KG	1150	100%	120	41	58	58	526		91.6		75.6		149		193	J		

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-25 SEDIMENT 41017 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-26 SEDIMENT 41018 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-27 SEDIMENT 41019 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-28 SEDIMENT 41020 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-29 SEDIMENT 41021 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-3 SEDIMEN SD4-3 0. 11/2/199 SA ESI N
TILES																		
Trichloroethane	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	24	UJ	15	UJ	25	UJ	18	UJ	13	UJ	2
Trichloroethane	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
chloroethane	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
chloroethene	UG/KG	0	0%	20	0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
chloroethane	UG/KG	0	0%	700	0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
chloroethene (total)	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
chloropropane	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
ne	UG/KG	210	26%		0	15	58	12	J	15	U	25	U	18	U	13	U	2
ne	UG/KG	0	0%	600	0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
dichloromethane	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
form	UG/KG	0	0%		0	0	58	24	UJ	15	UJ	25	UJ	18	UJ	13	UJ	2
n disulfide	UG/KG	18	9%		0	5	58	24	UJ	15	U	25	U	18	U	13	U	1
n tetrachloride	UG/KG	0	0%	600	0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
benzene	UG/KG	0	0%	3500	0	0	58	24	UJ	15	UJ	25	UJ	18	UJ	13	UJ	2
dibromomethane	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
ethane	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
form	UG/KG	14	3%		0	2	58	24	UJ	15	U	25	U	18	U	13	U	2
-Dichloropropene	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
enzene	UG/KG	0	0%		0	0	58	24	UJ	15	UJ	25	UJ	18	UJ	13	UJ	2
bromide	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
butyl ketone	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
chloride	UG/KG	5	2%		0	1	58	24	UJ	15	U	25	U	18	U	13	U	2
ethyl ketone	UG/KG	49	2%		0	1	58	24	UJ	15	U	25	U	18	U	13	U	2
isobutyl ketone	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
ene chloride	UG/KG	11	5%		0	3	58	24	UJ	15	U	25	U	18	U	13	U	2
e	UG/KG	3	3%		0	2	58	24	UJ	15	UJ	25	UJ	18	UJ	13	UJ	2
hloroethene	UG/KG	0	0%	800	0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
ne	UG/KG	42	9%		0	5	58	24	UJ	15	U	4	J	6	J	13	U	2
Xylenes	UG/KG	7	3%		0	2	58	24	UJ	15	UJ	25	UJ	18	UJ	13	UJ	2
1,3-Dichloropropene	UG/KG	0	0%		0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
roethene	UG/KG	0	0%	2000	0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
hloride	UG/KG	0	0%	70	0	0	58	24	UJ	15	U	25	U	18	U	13	U	2
OLATILE ORGANICS																		
Trichlorobenzene	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
chlorobenzene	UG/KG	0	0%	12000	0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
chlorobenzene	UG/KG	0	0%	12000	0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
chlorobenzene	UG/KG	73	2%	12000	0	1	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9											41
Trichlorophenol	UG/KG	0	0%		0	0	58	340	UJ	280	U	420	UJ	430	UJ	13000	U	99
Trichlorophenol	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
chlorophenol	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
methylphenol	UG/KG	0	0%		0	0	58	140	UJ	120	UJ	170	UJ	180	UJ	5400	UJ	41
nitrophenol	UG/KG	0	0%		0	0	58	340	UJ	280	UJ	420	UJ	430	UJ	13000	UJ	99
nitrotoluene	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
nitrotoluene	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41
ronaphthalene	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	41

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-25 SEDIMENT 41017 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-26 SEDIMENT 41018 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-27 SEDIMENT 41019 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-28 SEDIMENT 41020 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-29 SEDIMENT 41021 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-3 SEDIME SD4-3 0 11/2/199 SA ESI N	
TICES																		
orophenol	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
hylnaphthalene	UG/KG	31	9%		0	5	58	140	UJ	120	U	170	UJ	180	U	5400	U	4
hylphenol	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
oaniline	UG/KG	0	0%		0	0	58	340	UJ	280	U	420	UJ	430	UJ	13000	U	9
ophenol	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
ichlorobenzidine	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
oaniline	UG/KG	0	0%		0	0	58	340	UJ	280	UJ	420	UJ	430	UJ	13000	UJ	9
initro-2-methylphenol	UG/KG	0	0%		0	0	58	340	UJ	280	U	420	UJ	430	UJ	13000	U	9
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
oro-3-methylphenol	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
oroaniline	UG/KG	0	0%		0	0	58	140	UJ	120	UJ	170	UJ	180	UJ	5400	UJ	4
orophenyl phenyl ether	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
thylphenol	UG/KG	140	10%		0	6	58	14	J	120	U	170	UJ	180	UJ	5400	U	4
oaniline	UG/KG	0	0%		0	0	58	340	UJ	280	U	420	UJ	430	U	13000	U	9
ophenol	UG/KG	0	0%		0	0	58	340	UJ	280	U	420	UJ	430	U	13000	U	9
aphthene	UG/KG	610	19%	140000	0	11	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
aphthylene	UG/KG	130	17%		0	10	58	140	UJ	120	U	54	J	11	J	5400	U	4
acene	UG/KG	1700	47%		0	27	58	140	UJ	120	U	33	J	13	J	5400	U	4
o(a)anthracene	UG/KG	5900	84%	1300	2	49	58	12	J	19	J	340	J	80	J	620	J	4
o(a)pyrene	UG/KG	5100	84%	1300	2	49	58	17	J	23	J	470	J	78	J	760	J	4
o(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	43	J	70	J	1000	J	260	J	530	J	4
o(ghi)perylene	UG/KG	3200	78%		0	45	58	13	J	22	J	240	J	69	J	420	J	4
o(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	140	R	120	R	630	J	180	R	970	J	4
-Chloroethoxy)methane	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
-Chloroethyl)ether	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	49	140	UJ	120	U	170	UJ	180	UJ	5400	U	
-Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	140	UJ	120	U	170	U	180	UJ	42000		4
enzylphthalate	UG/KG	16	9%		0	5	58	140	UJ	120	U	15	J	180	UJ	5400	U	4
azole	UG/KG	500	40%		0	23	58	140	UJ	120	UJ	25	J	180	UJ	5400	UJ	4
sene	UG/KG	6200	90%	1300	2	52	58	24	J	35	J	650	J	120	J	800	J	4
utylphthalate	UG/KG	250	47%		0	27	58	7.3	J	6.7	J	170	UJ	17	J	5400	U	4
ctylphthalate	UG/KG	46	5%		0	3	58	140	UJ	120	U	12	J	180	UJ	5400	U	4
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	140	UJ	120	U	120	J	24	J	5400	U	4
zofuran	UG/KG	230	17%		0	10	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
l phthalate	UG/KG	17	3%		0	2	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
thylphthalate	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
anthene	UG/KG	16000	93%	1020000	0	54	58	36	J	52	J	420	J	160	J	1400	J	4
ene	UG/KG	660	22%		0	13	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
chlorobenzene	UG/KG	840	3%	150	1	2	58	140	UJ	120	U	170	UJ	180	U	5400	U	4
chlorobutadiene	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	140	UJ	120	UJ	170	UJ	180	UJ	5400	UJ	4
chloroethane	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	12	J	21	J	280	J	55	J	500	J	4
orone	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
rosodiphenylamine	UG/KG	760	2%		0	1	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
rosodipropylamine	UG/KG	410	2%		0	1	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4
thalene	UG/KG	13	12%		0	7	58	140	UJ	6.1	J	9.4	J	180	UJ	5400	U	4
benzene	UG/KG	0	0%		0	0	58	140	UJ	120	U	170	UJ	180	UJ	5400	U	4

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-25 SEDIMENT 41017 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-26 SEDIMENT 41018 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-27 SEDIMENT 41019 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-28 SEDIMENT 41020 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-29 SEDIMENT 41021 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-3 SEDIME SD4-3 11/2/19 SA ESI N
dinitrophenol	UG/KG	0	0%		0	0	58	340	UJ	280	U	420	UJ	430	UJ	13000	U	
anthrene	UG/KG	7900	88%	120000	0	51	58	24	J	29	J	91	J	38	J	600	J	
ol	UG/KG	210	7%		0	4	58	140	UJ	120	U	170	UJ	210	J	5400	U	
ne	UG/KG	12000	93%		0	54	58	22	J	32	J	350	J	120	J	1100	J	
LOSIVES																		
-Trinitrobenzene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
Dinitrobenzene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
-Trinitrotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
Dinitrotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
Dinitrotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
rotoluene	UG/KG	450	2%		0	1	49	120	U	120	U	120	U	120	U	120	U	
ino-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	120	UJ	120	U	120	U	120	U	120	U	
rotoluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U	
rotoluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U	
ino-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	120	UJ	120	U	120	U	120	U	120	U	
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
benzene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U	
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
l	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U	
TICIDES/PCBS																		
DDD	UG/KG	90	22%	10	8	13	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	5.4	U	
DDE	UG/KG	86	33%	10	5	19	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	4.5	J	
DDT	UG/KG	45	28%	10	5	16	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	8		
n	UG/KG	2.8	5%	100	0	3	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
a-BHC	UG/KG	0	0%		0	0	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
a-Chlordane	UG/KG	44	14%		0	8	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
or-1016	UG/KG	0	0%		0	0	58	70	UJ	58	U	87	UJ	89	UJ	54	U	
or-1221	UG/KG	0	0%		0	0	58	140	UJ	120	U	180	UJ	180	UJ	110	U	
or-1232	UG/KG	0	0%		0	0	58	70	UJ	58	U	87	UJ	89	UJ	54	U	
or-1242	UG/KG	0	0%		0	0	58	70	UJ	58	U	87	UJ	89	UJ	54	U	
or-1248	UG/KG	0	0%		0	0	58	70	UJ	58	U	87	UJ	89	UJ	54	U	
or-1254	UG/KG	580	45%	0.8	26	26	58	70	UJ	58	U	87	UJ	[illegible]	J	[illegible]	J	
or-1260	UG/KG	250	16%	0.8	9	9	58	70	UJ	58	U	87	UJ	[illegible]	J	54	U	
-BHC	UG/KG	3.3	7%		0	4	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
-BHC	UG/KG	0	0%		0	0	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
drin	UG/KG	18	7%	100	0	4	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	5.4	U	
osulfan I	UG/KG	1.9	2%	30	0	1	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
osulfan II	UG/KG	6.8	3%	30	0	2	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	5.4	U	
osulfan sulfate	UG/KG	12	9%		0	5	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	5.4	U	
in	UG/KG	0	0%	800	0	0	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	5.4	U	
in aldehyde	UG/KG	15	12%		0	7	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	5.4	U	
in ketone	UG/KG	62	7%		0	4	58	7	UJ	5.8	U	8.7	UJ	8.9	UJ	4.1	J	
ma-BHC/Lindane	UG/KG	0	0%		0	0	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
ma-Chlordane	UG/KG	40	17%		0	10	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
achlor	UG/KG	2.4	2%	0.8	1	1	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
achlor epoxide	UG/KG	10	10%	0.8	6	6	58	3.6	UJ	3	U	4.5	UJ	4.6	UJ	2.8	U	
oxychlor	UG/KG	68	3%		0	2	58	36	UJ	30	U	45	UJ	46	UJ	28	U	
phene	UG/KG	0	0%		0	0	58	360	UJ	300	U	450	UJ	460	UJ	280	U	

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-25 SEDIMENT 41017 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-26 SEDIMENT 41018 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-27 SEDIMENT 41019 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-28 SEDIMENT 41020 0 0.2 12/8/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-29 SEDIMENT 41021 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-3 SEDIME SD4-3 0 11/2/19 SA ESI N
STUDIES													
-T	UG/KG	21	11%		0	1	9						6
-TP/Silvex	UG/KG	0	0%		0	0	9						6
	UG/KG	0	0%		0	0	9						
B	UG/KG	0	0%		0	0	9						
oon	UG/KG	0	0%		0	0	9						1
mba	UG/KG	0	0%		0	0	9						6
oroprop	UG/KG	0	0%		0	0	9						
seb	UG/KG	0	0%		0	0	9						
A	UG/KG	0	0%		0	0	9						62
P	UG/KG	0	0%		0	0	9						62
ALS													
inum	MG/KG	22100	100%		0	58	58	15900 J	17200	14500 J	18100 J	17000	150
hony	MG/KG	82.7	53%	2	20	31	58	1.5 J	1.1 U	[illegible] J	1.3 UJ	0.84 U	[illegible]
nic	MG/KG	37.7	98%	6	19	57	58	[illegible] J	[illegible]	[illegible] J	[illegible] J	[illegible]	[illegible]
m	MG/KG	488	100%		0	58	58	70.5 J	86.3	160 J	488 J	121	68
lium	MG/KG	1.1	100%		0	58	58	0.74 J	0.78 J	0.76 J	1.1 J	0.77 J	0.
nium	MG/KG	34.1	47%	0.6	24	27	58	0.18 UJ	0.17 U	[illegible] J	[illegible] J	0.14 U	0.
um	MG/KG	140000	100%		0	58	58	56700 J	46000	49300 J	129000 J	22500	118
mium	MG/KG	4800	100%	26	28	58	58	24.1 J	22.9 J	19.1 J	[illegible] J	22.8 J	[illegible]
lt	MG/KG	28.4	100%		0	58	58	19.7 J	13.9 J	24 J	27.7 J	19.2	12
per	MG/KG	2640	100%	16	55	58	58	[illegible] J	[illegible]	[illegible] J	[illegible] J	[illegible]	[illegible]
ide	MG/KG	0	0%		0	0	58	1.2 UJ	0.87 UJ	1.5 UJ	1.7 UJ	0.92 UJ	0
	MG/KG	87900	100%	20000	45	58	58	[illegible] J	[illegible] J	[illegible] J	[illegible] J	[illegible] J	[illegible]
	MG/KG	374	95%	31	35	55	58	[illegible] J	[illegible]	[illegible] J	[illegible] J	[illegible]	16
nesium	MG/KG	27900	100%		0	58	58	8660 J	8230	6610 J	9150 J	8780	60
ganese	MG/KG	5480	100%	460	28	58	58	[illegible] J	[illegible] J	[illegible] J	[illegible] J	[illegible] J	4
cury	MG/KG	2.4	59%	0.15	16	34	58	0.11 UJ	0.08 UJ	0.12 UJ	[illegible] J	0.07 UJ	0.
el	MG/KG	453	100%	16	58	58	58	[illegible] J	[illegible]	[illegible] J	[illegible] J	[illegible]	[illegible]
ssium	MG/KG	3460	100%		0	58	58	3170 J	2000	2040 J	2830 J	2100	14
nium	MG/KG	6.1	41%		0	24	58	0.73 UJ	0.7 U	1.2 J	6.1 J	0.84 J	0.
r	MG/KG	1.7	45%	1	4	26	58	0.76 J	0.67 J	[illegible] J	1 J	0.35 J	
um	MG/KG	1370	64%		0	37	58	162 J	98.8 J	306 J	1370 J	77.3 J	
lium	MG/KG	0	0%		0	0	58	1.3 UJ	1.3 U	1.7 UJ	15.4 UJ	9.8 U	0.
adium	MG/KG	1140	100%		0	58	58	30.3 J	35.2	48.9 J	1140 J	31.3	2
	MG/KG	1150	100%	120	41	58	58	[illegible] J	[illegible]	[illegible] J	[illegible] J	[illegible]	[illegible]

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-30 SEDIMENT 41022 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-31 SEDIMENT 41023 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-32 SEDIMENT 41024 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-33 SEDIMENT 41026 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-34 SEDIMENT 41027 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N	
TILES																	
Trichloroethane	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
2-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	42	U	21	U	20	UJ	12	U	14	UJ
Trichloroethane	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
chloroethane	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
chloroethene	UG/KG	0	0%	20	0	0	58	42	U	21	U	20	UJ	12	U	14	U
chloroethane	UG/KG	0	0%	700	0	0	58	42	U	21	U	20	UJ	12	U	14	U
chloroethene (total)	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
chloropropane	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
ne	UG/KG	210	26%		0	15	58	140		8	J	20	UJ	4	J	14	U
ne	UG/KG	0	0%	600	0	0	58	42	U	21	U	20	UJ	12	U	14	U
odichloromethane	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
oform	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	UJ
n disulfide	UG/KG	18	9%		0	5	58	42	U	21	U	20	UJ	12	U	14	U
n tetrachloride	UG/KG	0	0%	600	0	0	58	42	U	21	U	20	UJ	12	U	14	U
obenzene	UG/KG	0	0%	3500	0	0	58	42	U	21	U	20	UJ	12	U	14	UJ
odibromomethane	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
oethane	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
oform	UG/KG	14	3%		0	2	58	14	J	21	U	20	UJ	12	U	14	U
3-Dichloropropene	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
oenzene	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	UJ
l bromide	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
l butyl ketone	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
l chloride	UG/KG	5	2%		0	1	58	42	U	21	U	20	UJ	12	U	14	U
l ethyl ketone	UG/KG	49	2%		0	1	58	42	U	21	U	20	UJ	12	U	14	U
l isobutyl ketone	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
lene chloride	UG/KG	11	5%		0	3	58	7	J	21	U	20	UJ	12	U	14	U
ne	UG/KG	3	3%		0	2	58	42	U	21	U	20	UJ	12	U	14	UJ
chloroethene	UG/KG	0	0%	800	0	0	58	42	U	21	U	20	UJ	12	U	14	U
ne	UG/KG	42	9%		0	5	58	42	U	21	U	20	UJ	12	U	14	U
Xylenes	UG/KG	7	3%		0	2	58	42	U	21	U	20	UJ	12	U	14	UJ
-1,3-Dichloropropene	UG/KG	0	0%		0	0	58	42	U	21	U	20	UJ	12	U	14	U
oroethene	UG/KG	0	0%	2000	0	0	58	42	U	21	U	20	UJ	12	U	14	U
chloride	UG/KG	0	0%	70	0	0	58	42	U	21	U	20	UJ	12	U	14	U
VOLATILE ORGANICS																	
Trichlorobenzene	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
ichlorobenzene	UG/KG	0	0%	12000	0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
ichlorobenzene	UG/KG	0	0%	12000	0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
ichlorobenzene	UG/KG	73	2%	12000	0	1	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	9										
Trichlorophenol	UG/KG	0	0%		0	0	58	260	U	320	UJ	330	UJ	200	UJ	210	UJ
Trichlorophenol	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
ichlorophenol	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
imethylphenol	UG/KG	0	0%		0	0	58	110	UJ	130	UJ	140	UJ	84	UJ	86	UJ
initrophenol	UG/KG	0	0%		0	0	58	260	UJ	320	UJ	330	UJ	200	UJ	210	UJ
initrotoluene	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
initrotoluene	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
oronaphthalene	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-30 SEDIMENT 41022 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-31 SEDIMENT 41023 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-32 SEDIMENT 41024 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-33 SEDIMENT 41026 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-34 SEDIMENT 41027 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N	
TICLES																	
orophenol	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
hylnaphthalene	UG/KG	31	9%		0	5	58	110	U	11	UJ	140	UJ	84	UJ	86	UJ
hylphenol	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
oaniline	UG/KG	0	0%		0	0	58	260	UJ	320	UJ	330	UJ	200	UJ	210	UJ
ophenol	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
ichlorobenzidine	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
oaniline	UG/KG	0	0%		0	0	58	260	U	320	UJ	330	UJ	200	UJ	210	UJ
initro-2-methylphenol	UG/KG	0	0%		0	0	58	260	U	320	UJ	330	UJ	200	UJ	210	UJ
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
oro-3-methylphenol	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
oroaniline	UG/KG	0	0%		0	0	58	110	UJ	130	UJ	140	UJ	84	UJ	86	UJ
orophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
hylphenol	UG/KG	140	10%		0	6	58	110	U	9.7	J	140	UJ	23	J	86	UJ
oaniline	UG/KG	0	0%		0	0	58	260	U	320	U	330	UJ	200	U	210	U
ophenol	UG/KG	0	0%		0	0	58	260	U	320	U	330	UJ	200	U	210	U
aphthene	UG/KG	610	19%	140000	0	11	58	110	U	130	UJ	140	UJ	5.2	J	86	UJ
aphthylene	UG/KG	130	17%		0	10	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
acene	UG/KG	1700	47%		0	27	58	110	U	130	UJ	8	J	9.5	J	86	UJ
o(a)anthracene	UG/KG	5900	84%	1300	2	49	58	12	J	22	J	23	J	23	J	12	J
o(a)pyrene	UG/KG	5100	84%	1300	2	49	58	14	J	33	J	26	J	24	J	12	J
o(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	38	J	80	J	37	J	45	J	43	J
o(ghi)perylene	UG/KG	3200	78%		0	45	58	15	J	34	J	35	J	16	J	13	J
o(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	110	R	130	R	35	J	84	R	86	R
-Chloroethoxy)methane	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
-Chloroethyl)ether	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	49	110	U	130	UJ	140	UJ	84	UJ	86	UJ
-Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	110	U	590	J	140	UJ	16	J	22	J
oenzyiphthalate	UG/KG	16	9%		0	5	58	8.6	J	15	J	16	J	84	UJ	86	UJ
azole	UG/KG	500	40%		0	23	58	110	UJ	7	J	7.5	J	5.3	J	86	UJ
ene	UG/KG	6200	90%	1300	2	52	58	26	J	54	J	50	J	30	J	30	J
outylphthalate	UG/KG	250	47%		0	27	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
octylphthalate	UG/KG	46	5%		0	3	58	110	U	6.7	J	140	UJ	84	UJ	86	UJ
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	7.3	J	12	J	13	J	6.8	J	5.4	J
nzofuran	UG/KG	230	17%		0	10	58	110	U	130	UJ	140	UJ	4.6	J	7	J
yl phthalate	UG/KG	17	3%		0	2	58	110	U	17	J	140	UJ	84	UJ	86	UJ
thylphthalate	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
anthene	UG/KG	16000	93%	1020000	0	54	58	34	J	64	J	85	J	71	J	52	J
ene	UG/KG	660	22%		0	13	58	110	U	130	UJ	140	UJ	5.7	J	86	UJ
chlorobenzene	UG/KG	840	3%	150	1	2	58	110	U	130	U	140	UJ	84	UJ	86	UJ
chlorobutadiene	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	110	UJ	130	UJ	140	UJ	84	UJ	86	UJ
chloroethane	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	11	J	28	J	27	J	16	UJ	12	J
orone	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
rosodiphenylamine	UG/KG	760	2%		0	1	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
rosodipropylamine	UG/KG	410	2%		0	1	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
thalene	UG/KG	13	12%		0	7	58	110	U	8.9	J	140	UJ	84	UJ	86	UJ
oenzene	UG/KG	0	0%		0	0	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-30 SEDIMENT 41022 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-31 SEDIMENT 41023 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-32 SEDIMENT 41024 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-33 SEDIMENT 41026 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-34 SEDIMENT 41027 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N	
[illegible]Phenol	UG/KG	0	0%		0	0	58	260	U	320	UJ	330	UJ	200	UJ	210	UJ
nthrene	UG/KG	7900	88%	120000	0	51	58	19	J	33	J	50	J	53	J	34	J
l	UG/KG	210	7%		0	4	58	110	U	130	UJ	140	UJ	84	UJ	86	UJ
e	UG/KG	12000	93%		0	54	58	22	J	47	J	60	J	53	J	31	J
OSIVES																	
Trinitrobenzene	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
nitrobenzene	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
Trinitrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
nitrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
nitrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
otoluene	UG/KG	450	2%		0	1	49	120	U	120	U	120	UJ	120	U	120	U
no-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	120	U	120	U	120	UJ	120	U	120	U
otoluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	UJ	120	U	120	U
otoluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	UJ	120	U	120	U
no-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	120	U	120	U	120	UJ	120	U	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
enzene	UG/KG	0	0%		0	0	49	120	U	120	U	120	UJ	120	U	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	UJ	120	U	120	U
CIDES/PCBS																	
DD	UG/KG	90	22%	10	8	13	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
DE	UG/KG	86	33%	10	5	19	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
DT	UG/KG	45	28%	10	5	16	58	5.4	U	6	J	6.9	UJ	4.2	U	4.3	U
	UG/KG	2.8	5%	100	0	3	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
-BHC	UG/KG	0	0%		0	0	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
-Chlordane	UG/KG	44	14%		0	8	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
r-1016	UG/KG	0	0%		0	0	58	54	U	66	U	69	UJ	42	U	43	U
r-1221	UG/KG	0	0%		0	0	58	110	U	130	U	140	UJ	85	U	87	U
r-1232	UG/KG	0	0%		0	0	58	54	U	66	U	69	UJ	42	U	43	U
r-1242	UG/KG	0	0%		0	0	58	54	U	66	U	69	UJ	42	U	43	U
r-1248	UG/KG	0	0%		0	0	58	54	U	66	U	69	UJ	42	U	43	U
r-1254	UG/KG	580	45%	0.8	26	26	58	43	J	72		46	J	42	U	43	U
r-1260	UG/KG	250	16%	0.8	9	9	58	54	U	66	U	69	UJ	42	U	43	U
BHC	UG/KG	3.3	7%		0	4	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
BHC	UG/KG	0	0%		0	0	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
in	UG/KG	18	7%	100	0	4	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
ulfan I	UG/KG	1.9	2%	30	0	1	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
ulfan II	UG/KG	6.8	3%	30	0	2	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
ulfan sulfate	UG/KG	12	9%		0	5	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
	UG/KG	0	0%	800	0	0	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
aldehyde	UG/KG	15	12%		0	7	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
ketone	UG/KG	62	7%		0	4	58	5.4	U	6.6	U	6.9	UJ	4.2	U	4.3	U
na-BHC/Lindane	UG/KG	0	0%		0	0	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
na-Chlordane	UG/KG	40	17%		0	10	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
chlor	UG/KG	2.4	2%	0.8	1	1	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
chlor epoxide	UG/KG	10	10%	0.8	6	6	58	2.8	U	3.4	U	3.5	UJ	2.2	U	2.2	U
xychlor	UG/KG	68	3%		0	2	58	28	U	34	U	35	UJ	22	U	22	U
hene	UG/KG	0	0%		0	0	58	280	U	340	U	350	UJ	220	U	220	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-30 SEDIMENT 41022 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-31 SEDIMENT 41023 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-32 SEDIMENT 41024 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-33 SEDIMENT 41026 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-34 SEDIMENT 41027 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N	
PESTICIDES																	
-T	UG/KG	21	11%		0	1	9										
-TP/Silvex	UG/KG	0	0%		0	0	9										
	UG/KG	0	0%		0	0	9										
DB	UG/KG	0	0%		0	0	9										
pon	UG/KG	0	0%		0	0	9										
mba	UG/KG	0	0%		0	0	9										
loroprop	UG/KG	0	0%		0	0	9										
seb	UG/KG	0	0%		0	0	9										
A	UG/KG	0	0%		0	0	9										
P	UG/KG	0	0%		0	0	9										
ALS																	
inum	MG/KG	22100	100%		0	58	58	7940		11800		14600	J	11900		12700	
nony	MG/KG	82.7	53%	2	20	31	58	9.3	J	1.6	J	1.2	R	0.66	R	0.81	R
nic	MG/KG	37.7	98%	6	19	57	58	2	J	7		13.5	J	4.4		4.8	
um	MG/KG	488	100%		0	58	58	62.7	J	63.1		99.3	J	57.2		79.2	
llium	MG/KG	1.1	100%		0	58	58	0.35	J	0.6	J	0.75	J	0.55	J	0.49	J
mium	MG/KG	34.1	47%	0.6	24	27	58	1.2	J	0.82	J	0.51	J	0.11	U	0.13	U
ium	MG/KG	140000	100%		0	58	58	10200		69100		73300	J	53400		64000	
mium	MG/KG	4800	100%	26	28	58	58	12.7	J	24		27.1	J	21		22.2	
alt	MG/KG	28.4	100%		0	58	58	7.7	J	11.9	J	14.8	J	11.6		12.9	J
per	MG/KG	2640	100%	16	55	58	58	17.2		33.1		42.3	J	23.3		24.8	
nide	MG/KG	0	0%		0	0	58	0.85	UJ	1.1	U	1.2	UJ	0.77	U	0.72	U
	MG/KG	87900	100%	20000	45	58	58	12900	J	25900	J	29100	J	24300	J	28100	J
d	MG/KG	374	95%	31	35	55	58	69.2		45.3		48.5	J	18.9		19.3	
nesium	MG/KG	27900	100%		0	58	58	2590		8050		12400	J	8250		13000	
ganese	MG/KG	5480	100%	460	28	58	58	447	J	245		373	J	302		376	
cury	MG/KG	2.4	59%	0.15	16	34	58	0.08	U	0.13	J	0.13	J	0.09	J	0.12	J
el	MG/KG	453	100%	16	58	58	58	19.2		37		46	J	33.9		37.4	
ssium	MG/KG	3460	100%		0	58	58	1100	J	1950		2470	J	1510		1430	
nium	MG/KG	6.1	41%		0	24	58	0.65	U	1	U	1.4	UJ	0.77	U	0.94	U
r	MG/KG	1.7	45%	1	4	26	58	0.36	J	0.28	U	0.39	UJ	0.21	U	0.26	U
um	MG/KG	1370	64%		0	37	58	118	J	142	J	113	J	56	U	68.2	U
lium	MG/KG	0	0%		0	0	58	1.2	U	1	U	1.4	UJ	0.77	U	9.4	U
adium	MG/KG	1140	100%		0	58	58	16.5		31.9		40.6	J	21.4		22.8	
	MG/KG	1150	100%	120	41	58	58	90.3		164		156	J	91.2		103	

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-35 SEDIMENT 41028 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-36 SEDIMENT 41029 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-37 SEDIMENT 41025 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-38 SEDIMENT 41030 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-39 SEDIMENT 41039 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N	
TILES																	
Trichloroethane	UG/KG	0	0%		0	0	58	18	U	15	U	18	U	21	U	15	U
2-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	18	UJ	15	UJ	18	U	21	U	15	U
Trichloroethane	UG/KG	0	0%		0	0	58	18	U	15	UJ	18	U	21	U	15	U
chloroethane	UG/KG	0	0%		0	0	58	18	U	15	U	18	U	21	U	15	U
chloroethene	UG/KG	0	0%	20	0	0	58	18	U	15	U	18	U	21	U	15	U
chloroethane	UG/KG	0	0%	700	0	0	58	18	U	15	U	18	U	21	U	15	U
chloroethene (total)	UG/KG	0	0%		0	0	58	18	U	15	U	18	U	21	U	15	U
chloropropane	UG/KG	0	0%		0	0	58	18	U	15	UJ	18	UJ	21	U	15	U
ne	UG/KG	210	26%		0	15	58	18	U	15	U	18	UJ	21	U	15	U
ne	UG/KG	0	0%	600	0	0	58	18	U	15	UJ	18	U	21	U	15	U
dichloromethane	UG/KG	0	0%		0	0	58	18	U	15	UJ	18	U	21	U	15	U
form	UG/KG	0	0%		0	0	58	18	UJ	15	UJ	18	U	21	U	15	U
n disulfide	UG/KG	18	9%		0	5	58	18	U	15	U	18	U	21	U	15	U
n tetrachloride	UG/KG	0	0%	600	0	0	58	18	U	15	U	18	U	21	U	15	U
benzene	UG/KG	0	0%	3500	0	0	58	18	UJ	15	UJ	18	U	21	U	15	U
dibromomethane	UG/KG	0	0%		0	0	58	18	U	15	UJ	18	U	21	U	15	U
ethane	UG/KG	0	0%		0	0	58	18	U	15	U	18	U	21	U	15	U
form	UG/KG	14	3%		0	2	58	18	U	15	U	18	U	21	U	15	U
3-Dichloropropene	UG/KG	0	0%		0	0	58	18	U	15	UJ	18	U	21	U	15	U
enzene	UG/KG	0	0%		0	0	58	18	UJ	15	UJ	18	U	21	U	15	U
l bromide	UG/KG	0	0%		0	0	58	18	U	15	U	18	UJ	21	UJ	15	U
l butyl ketone	UG/KG	0	0%		0	0	58	18	U	15	U	18	UJ	21	U	15	U
l chloride	UG/KG	5	2%		0	1	58	18	U	15	U	18	U	21	U	15	U
l ethyl ketone	UG/KG	49	2%		0	1	58	18	U	15	U	18	UJ	21	U	15	U
l isobutyl ketone	UG/KG	0	0%		0	0	58	18	U	15	U	18	U	21	U	15	U
lene chloride	UG/KG	11	5%		0	3	58	18	U	15	U	18	U	21	U	15	U
e	UG/KG	3	3%		0	2	58	18	UJ	15	UJ	18	U	21	U	15	U
hloroethene	UG/KG	0	0%	800	0	0	58	18	U	15	U	18	U	21	U	15	U
ne	UG/KG	42	9%		0	5	58	18	U	15	U	18	U	21	U	15	U
Xylenes	UG/KG	7	3%		0	2	58	18	UJ	15	UJ	18	U	21	U	15	U
-1,3-Dichloropropene	UG/KG	0	0%		0	0	58	18	U	15	UJ	18	U	21	U	15	U
roethene	UG/KG	0	0%	2000	0	0	58	18	U	15	UJ	18	U	21	U	15	U
chloride	UG/KG	0	0%	70	0	0	58	18	U	15	U	18	U	21	U	15	U
VOLATILE ORGANICS																	
Trichlorobenzene	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
chlorobenzene	UG/KG	0	0%	12000	0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
chlorobenzene	UG/KG	0	0%	12000	0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
chlorobenzene	UG/KG	73	2%	12000	0	1	58	110	UJ	840	UJ	120	U	120	U	100	U
xybis(1-Chloropropane)	UG/KG	0	0%		0	0	9										
Trichlorophenol	UG/KG	0	0%		0	0	58	260	UJ	2000	UJ	300	U	280	U	240	U
Trichlorophenol	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
chlorophenol	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
methylphenol	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	UJ	120	UJ	100	UJ
nitrophenol	UG/KG	0	0%		0	0	58	260	UJ	2000	UJ	300	UJ	280	UJ	240	U
nitrotoluene	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
nitrotoluene	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
bronaphthalene	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U

Seneca Army Depot
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Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-35 SEDIMENT 41028 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-36 SEDIMENT 41029 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-37 SEDIMENT 41025 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-38 SEDIMENT 41030 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-39 SEDIMENT 41039 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N	
TICES																	
ophenol	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
hylnaphthalene	UG/KG	31	9%		0	5	58	110	UJ	840	UJ	120	U	120	U	100	U
hylphenol	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
oaniline	UG/KG	0	0%		0	0	58	260	UJ	2000	UJ	300	U	280	U	240	U
ophenol	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
ichlorobenzidine	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
oaniline	UG/KG	0	0%		0	0	58	260	UJ	2000	UJ	300	U	280	UJ	240	U
nitro-2-methylphenol	UG/KG	0	0%		0	0	58	260	UJ	2000	UJ	300	U	280	U	240	U
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
oro-3-methylphenol	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
oroaniline	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	UJ	100	U
orophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
hylphenol	UG/KG	140	10%		0	6	58	110	UJ	840	UJ	120	U	120	U	100	U
oaniline	UG/KG	0	0%		0	0	58	260	UJ	2000	U	300	U	280	U	240	U
ophenol	UG/KG	0	0%		0	0	58	260	UJ	2000	U	300	U	280	U	240	U
aphthene	UG/KG	610	19%	140000	0	11	58	110	UJ	840	UJ	120	U	120	U	100	U
aphthylene	UG/KG	130	17%		0	10	58	5.9	J	130	J	120	U	9.1	J	100	U
acene	UG/KG	1700	47%		0	27	58	9.1	J	160	J	120	U	9.3	J	100	U
o(a)anthracene	UG/KG	5900	84%	1300	2	49	58	75	J	3200	J	11	J	46	J	7.9	J
o(a)pyrene	UG/KG	5100	84%	1300	2	49	58	96	J	4200	J	15	J	55	J	10	J
o(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	180	J	3900	J	38	J	97	J	14	J
o(ghi)perylene	UG/KG	3200	78%		0	45	58	52	J	1700	J	120	UJ	46	J	100	U
o(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	110	R	3600	J	120	R	68	J	14	J
-Chloroethoxy)methane	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	49	110	UJ	840	UJ	120	U	120	U	100	U
-Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	34	J	180	J	120	U	120	U	36	J
enzylphthalate	UG/KG	16	9%		0	5	58	110	UJ	840	UJ	120	U	120	U	100	U
azole	UG/KG	500	40%		0	23	58	6.3	J	840	UJ	120	U	6.9	J	100	U
ene	UG/KG	6200	90%	1300	2	52	58	110	J	3200	J	21	J	65	J	13	J
utylphthalate	UG/KG	250	47%		0	27	58	110	UJ	840	UJ	120	U	6.4	J	100	U
ctylphthalate	UG/KG	46	5%		0	3	58	110	UJ	840	UJ	120	U	120	U	100	U
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	25	UJ	1100	J	120	U	17	J	100	U
azofuran	UG/KG	230	17%		0	10	58	110	UJ	840	UJ	120	U	120	U	100	U
yl phthalate	UG/KG	17	3%		0	2	58	110	UJ	840	UJ	120	U	120	U	100	U
hylphthalate	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
anthene	UG/KG	16000	93%	1020000	0	54	58	180	J	3100	J	24	J	96	J	19	J
ene	UG/KG	660	22%		0	13	58	110	UJ	840	UJ	120	U	120	U	100	U
chlorobenzene	UG/KG	840	3%	150	1	2	58	110	J	840	J	120	U	120	U	100	U
chlorobutadiene	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	UJ	120	UJ	100	UJ
chloroethane	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	55	J	2000	J	120	U	36	J	100	U
orone	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U
rosodiphenylamine	UG/KG	760	2%		0	1	58	110	UJ	840	UJ	120	U	120	U	100	U
rosodipropylamine	UG/KG	410	2%		0	1	58	110	UJ	840	UJ	120	U	120	U	100	U
thalene	UG/KG	13	12%		0	7	58	110	UJ	840	UJ	120	U	120	U	100	U
enzene	UG/KG	0	0%		0	0	58	110	UJ	840	UJ	120	U	120	U	100	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-35 SEDIMENT 41028 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-36 SEDIMENT 41029 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-37 SEDIMENT 41025 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-38 SEDIMENT 41030 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-39 SEDIMENT 41039 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N	
[illegible]Phenol	UG/KG	0	0%		0	0	58	260	UJ	2000	UJ	300	U	280	U	240	U
nthrene	UG/KG	7900	88%	120000	0	51	58	65	J	330	J	13	J	29	J	9.2	J
	UG/KG	210	7%		0	4	58	110	UJ	840	UJ	120	U	120	U	46	J
	UG/KG	12000	93%		0	54	58	130	J	3200	J	21	J	70	J	17	J
SIVES																	
rinitrobenzene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
itrobenzene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
rinitrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
itrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
itrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
oluene	UG/KG	450	2%		0	1	49	120	U	120	U	120	U	120	U	120	U
o-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	120	U	120	U	120	U	120	U	120	U
oluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U
oluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U
o-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	120	U	120	U	120	U	120	U	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
nzene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	U	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	U	120	U
CIDES/PCBS																	
D	UG/KG	90	22%	10	8	13	58	5.4	U	6.6	J	6.1	U	5.8	U	4.3	J
E	UG/KG	86	33%	10	5	19	58	5.4	U	3	J	6.1	U	5.8	U	5	U
T	UG/KG	45	28%	10	5	16	58	8.8		12	J	6.1	U	6.2		5	U
	UG/KG	2.8	5%	100	0	3	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
BHC	UG/KG	0	0%		0	0	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
Chlordane	UG/KG	44	14%		0	8	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
-1016	UG/KG	0	0%		0	0	58	54	U	42	U	61	U	58	U	50	U
-1221	UG/KG	0	0%		0	0	58	110	U	85	U	120	U	120	U	100	U
-1232	UG/KG	0	0%		0	0	58	54	U	42	U	61	U	58	U	50	U
-1242	UG/KG	0	0%		0	0	58	54	U	42	U	61	U	58	U	50	U
-1248	UG/KG	0	0%		0	0	58	54	U	42	U	61	U	58	U	50	U
-1254	UG/KG	580	45%	0.8	26	26	58	74	J	42	U	61	U	58	J	50	U
-1260	UG/KG	250	16%	0.8	9	9	58	54	U	42	U	61	U	58	U	50	U
HC	UG/KG	3.3	7%		0	4	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
HC	UG/KG	0	0%		0	0	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
	UG/KG	18	7%	100	0	4	58	5.4	U	4.2	U	6.1	U	5.8	U	5	U
lfan I	UG/KG	1.9	2%	30	0	1	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
lfan II	UG/KG	6.8	3%	30	0	2	58	5.4	U	3.1	J	6.1	U	5.8	U	5	U
lfan sulfate	UG/KG	12	9%		0	5	58	5.4	U	9.2	J	6.1	U	5.8	U	5	U
	UG/KG	0	0%	800	0	0	58	5.4	U	4.2	U	6.1	U	5.8	U	5	U
aldehyde	UG/KG	15	12%		0	7	58	5.4	U	15	J	6.1	U	5.8	U	5	U
ketone	UG/KG	62	7%		0	4	58	5.4	U	62		6.1	U	5.8	U	5	U
a-BHC/Lindane	UG/KG	0	0%		0	0	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
a-Chlordane	UG/KG	40	17%		0	10	58	2.8	U	3.8	J	3.1	U	3	U	2.6	U
hlor	UG/KG	2.4	2%	0.8	1	1	58	2.8	U	2.2	U	3.1	U	3	U	2.6	U
hlor epoxide	UG/KG	10	10%	0.8	6	6	58	2.8	U	14	J	3.1	U	3	U	2.6	U
ychlor	UG/KG	68	3%		0	2	58	28	U	30	J	31	U	30	U	26	U
ene	UG/KG	0	0%		0	0	58	280	U	220	U	310	U	300	U	260	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-35 SEDIMENT 41028 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-36 SEDIMENT 41029 0 0.2 12/9/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-37 SEDIMENT 41025 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-38 SEDIMENT 41030 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N	SEAD-4 SD4-39 SEDIMENT 41039 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N
TIDES												
T	UG/KG	21	11%		0	1	9					
TP/Silvex	UG/KG	0	0%		0	0	9					
	UG/KG	0	0%		0	0	9					
B	UG/KG	0	0%		0	0	9					
on	UG/KG	0	0%		0	0	9					
ba	UG/KG	0	0%		0	0	9					
roprop	UG/KG	0	0%		0	0	9					
eb	UG/KG	0	0%		0	0	9					
A	UG/KG	0	0%		0	0	9					
	UG/KG	0	0%		0	0	9					
ALS												
num	MG/KG	22100	100%		0	58	58	14800	9280	9160	8640	12600
ony	MG/KG	82.7	53%	2	20	31	58	0.8 R	0.72 J	1.1 R	0.81 J	1 J
ic	MG/KG	37.7	98%	6	19	57	58	2.4 J	3.5	3.3 J	3.2	4.4
m	MG/KG	488	100%		0	58	58	87.6	73.4	106	167	98.5
ium	MG/KG	1.1	100%		0	58	58	0.68 J	0.31 J	0.47 J	0.49 J	0.73 J
ium	MG/KG	34.1	47%	0.6	24	27	58	1.5	1.1	1.3 J	0.79 J	0.74 J
m	MG/KG	140000	100%		0	58	58	21900	30300	15200	9470	6060
nium	MG/KG	4800	100%	26	28	58	58	48	35	20	25.1	24.5
t	MG/KG	28.4	100%		0	58	58	12.8 J	14.1	8.8 J	10.7 J	15.2
er	MG/KG	2640	100%	16	55	58	58	35.6	31.1	23.1	32	31.9
de	MG/KG	0	0%		0	0	58	0.95 U	0.76 U	1.1 U	0.97 U	0.88 U
	MG/KG	87900	100%	20000	45	58	58	23300 J	21100 J	20500 J	9440	18700
	MG/KG	374	95%	31	35	55	58	257	144	30.9	33.4	29.1
esium	MG/KG	27900	100%		0	58	58	8510	5650	5620	4190	4820
anese	MG/KG	5480	100%	460	28	58	58	324	307	224	217	1190 J
ury	MG/KG	2.4	59%	0.15	16	34	58	0.08 U	0.15 J	0.18 J	0.08 UJ	0.06 UJ
l	MG/KG	453	100%	16	58	58	58	52.5	33.3	25.5	33.1	35.3
sium	MG/KG	3460	100%		0	58	58	1930	1170	1840	1410	1740
ium	MG/KG	6.1	41%		0	24	58	0.93 U	0.8 U	1.3 U	0.64 J	0.95 U
	MG/KG	1.7	45%	1	4	26	58	0.37 J	0.34 J	0.49 J	0.26 U	0.26 U
m	MG/KG	1370	64%		0	37	58	78.9 J	74.4 J	95.8 U	68.1 U	89.6 U
um	MG/KG	0	0%		0	0	58	0.93 U	8 U	1.3 U	0.94 U	0.82 UJ
dium	MG/KG	1140	100%		0	58	58	26.2	17	18.8	19.2	23.3
	MG/KG	1150	100%	120	41	58	58	292	387	218	266 J	192

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-4 SEDIMENT SD4-4 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-40 SEDIMENT 41040 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-41 SEDIMENT 41041 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-42 SEDIMENT 41042 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-43 SEDIMENT 41043 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N	
LES																	
ichloroethane	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
Tetrachloroethane	UG/KG	0	0%	300	0	0	58	18	U	19	U	18	UJ	28	UJ	15	UJ
ichloroethane	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
loroethane	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
loroethene	UG/KG	0	0%	20	0	0	58	18	U	19	U	18	U	28	UJ	15	U
loroethane	UG/KG	0	0%	700	0	0	58	18	U	19	U	18	U	28	UJ	15	U
loroethene (total)	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
loropropane	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
	UG/KG	210	26%		0	15	58	18	U	19	U	18	U	76	UJ	15	U
e	UG/KG	0	0%	600	0	0	58	18	U	19	U	18	U	28	UJ	15	U
ichloromethane	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
orm	UG/KG	0	0%		0	0	58	18	U	19	U	18	UJ	28	UJ	15	UJ
disulfide	UG/KG	18	9%		0	5	58	18	U	19	U	18	U	28	UJ	15	U
tetrachloride	UG/KG	0	0%	600	0	0	58	18	U	19	U	18	U	28	UJ	15	U
enzene	UG/KG	0	0%	3500	0	0	58	18	U	19	U	18	UJ	28	UJ	15	UJ
ibromomethane	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
thane	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
orm	UG/KG	14	3%		0	2	58	18	U	19	U	18	U	28	UJ	15	U
Dichloropropene	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
nzene	UG/KG	0	0%		0	0	58	18	U	19	U	18	UJ	28	UJ	15	UJ
romide	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
utyl ketone	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
hloride	UG/KG	5	2%		0	1	58	18	U	19	U	18	U	28	UJ	15	U
thyl ketone	UG/KG	49	2%		0	1	58	18	U	19	U	18	U	28	UJ	15	U
sobutyl ketone	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
ne chloride	UG/KG	11	5%		0	3	58	18	U	19	U	18	U	28	UJ	15	U
	UG/KG	3	3%		0	2	58	18	U	19	U	18	UJ	28	UJ	15	UJ
oroethene	UG/KG	0	0%	800	0	0	58	18	U	19	U	18	U	28	UJ	15	U
	UG/KG	42	9%		0	5	58	18	U	19	U	18	U	28	UJ	15	U
lenes	UG/KG	7	3%		0	2	58	18	U	19	U	18	UJ	28	UJ	15	UJ
3-Dichloropropene	UG/KG	0	0%		0	0	58	18	U	19	U	18	U	28	UJ	15	U
ethene	UG/KG	0	0%	2000	0	0	58	18	U	19	U	18	U	28	UJ	15	U
oride	UG/KG	0	0%	70	0	0	58	18	U	19	U	18	U	28	UJ	15	U
LATILE ORGANICS																	
ichlorobenzene	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
lorobenzene	UG/KG	0	0%	12000	0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
lorobenzene	UG/KG	0	0%	12000	0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
lorobenzene	UG/KG	73	2%	12000	0	1	58	580	U	130	U	120	U	130	UJ	100	UJ
bis(1-Chloropropane)	UG/KG	0	0%		0	0	9	580	U								
ichlorophenol	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	UJ
ichlorophenol	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
lorophenol	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
ethylphenol	UG/KG	0	0%		0	0	58	580	U	130	UJ	120	U	130	UJ	100	UJ
trophenol	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	R
trotoluene	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
trotoluene	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
onaphthalene	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-4 SEDIMENT SD4-4 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-40 SEDIMENT 41040 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-41 SEDIMENT 41041 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-42 SEDIMENT 41042 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-43 SEDIMENT 41043 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N	
TILES																	
rophenol	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
hylnaphthalene	UG/KG	31	9%		0	5	58	580	U	130	U	120	U	130	UJ	100	UJ
hylphenol	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
oaniline	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	UJ
ophenol	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
ichlorobenzidine	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
oaniline	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	UJ
nitro-2-methylphenol	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	UJ
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
oro-3-methylphenol	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
oroaniline	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
orophenyl phenyl ether	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
hylphenol	UG/KG	140	10%		0	6	58	580	U	130	U	120	U	130	UJ	100	UJ
oaniline	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	UJ
ophenol	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	UJ
aphthene	UG/KG	610	19%	140000	0	11	58	580	U	130	U	120	U	130	UJ	100	UJ
aphthylene	UG/KG	130	17%		0	10	58	580	U	130	U	120	U	130	UJ	100	UJ
acene	UG/KG	1700	47%		0	27	58	580	U	130	U	120	U	130	UJ	100	UJ
(a)anthracene	UG/KG	5900	84%	1300	2	49	58	95	J	15	J	11	J	27	J	83	J
(a)pyrene	UG/KG	5100	84%	1300	2	49	58	140	J	22	J	15	J	31	J	120	J
(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	250	J	50	J	38	J	49	J	160	J
(ghi)perylene	UG/KG	3200	78%		0	45	58	65	J	130	U	120	UJ	25	J	73	J
(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	95	J	130	R	120	R	38	J	140	J
Chloroethoxy)methane	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
Chloroethyl)ether	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
Chloroisopropyl)ether	UG/KG	0	0%		0	0	49			130	U	120	U	130	UJ	100	UJ
Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	500	J	39	J	120	U	22	J	39	J
enzylphthalate	UG/KG	16	9%		0	5	58	580	U	130	U	120	U	130	UJ	100	UJ
zole	UG/KG	500	40%		0	23	58	580	U	130	U	120	U	130	UJ	100	UJ
ene	UG/KG	6200	90%	1300	2	52	58	160	J	26	J	20	J	41	J	140	
utylphthalate	UG/KG	250	47%		0	27	58	580	U	8.1	J	38	J	30	J	59	J
ctylphthalate	UG/KG	46	5%		0	3	58	580	U	130	U	120	UJ	130	UJ	100	UJ
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	580	U	130	U	120	U	130	UJ	30	J
zofuran	UG/KG	230	17%		0	10	58	580	U	130	U	120	U	130	UJ	100	UJ
l phthalate	UG/KG	17	3%		0	2	58	580	U	130	U	120	U	130	UJ	100	UJ
hylphthalate	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
anthene	UG/KG	16000	93%	1020000	0	54	58	190	J	32	J	33	J	62	J	170	J
ene	UG/KG	660	22%		0	13	58	580	U	130	U	120	U	130	UJ	100	UJ
chlorobenzene	UG/KG	840	3%	150	1	2	58	580	U	130	U	120	U	130	UJ	100	UJ
chlorobutadiene	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	580	U	130	UJ	120	U	130	UJ	100	UJ
chloroethane	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	86	J	130	U	120	U	24	J	55	J
orone	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ
osodiphenylamine	UG/KG	760	2%		0	1	58	580	U	130	U	120	U	130	UJ	100	UJ
osodipropylamine	UG/KG	410	2%		0	1	58	580	U	130	U	120	U	130	UJ	100	UJ
thalene	UG/KG	13	12%		0	7	58	580	U	130	U	120	U	130	UJ	100	UJ
enzene	UG/KG	0	0%		0	0	58	580	U	130	U	120	U	130	UJ	100	UJ

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-4 SEDIMENT SD4-4 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-40 SEDIMENT 41040 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-41 SEDIMENT 41041 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-42 SEDIMENT 41042 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-43 SEDIMENT 41043 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N	
[illegible]Phenol	UG/KG	0	0%		0	0	58	1400	U	310	U	280	U	330	UJ	240	UJ
anthrene	UG/KG	7900	88%	120000	0	51	58	86	J	15	J	26	J	25	J	61	J
l	UG/KG	210	7%		0	4	58	580	U	130	U	120	U	130	UJ	100	UJ
e	UG/KG	12000	93%		0	54	58	180	J	29	J	21	J	53	J	160	J
OSIVES																	
Trinitrobenzene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
nitrobenzene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
Trinitrotoluene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
nitrotoluene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
nitrotoluene	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
otoluene	UG/KG	450	2%		0	1	49			120	U	120	U	120	UJ	120	U
no-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	130	U	120	U	120	U	120	UJ	120	U
otoluene	UG/KG	0	0%		0	0	49			120	U	120	U	120	UJ	120	U
otoluene	UG/KG	0	0%		0	0	49			120	U	120	U	120	UJ	120	U
no-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	130	U	120	U	120	U	120	UJ	120	U
	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
enzene	UG/KG	0	0%		0	0	49			120	U	120	U	120	UJ	120	U
	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
	UG/KG	0	0%		0	0	58	130	U	120	U	120	U	120	UJ	120	U
ICIDES/PCBS																	
DD	UG/KG	90	22%	10	8	13	58	5.1	J	6.3	U	5.8	U	6.7	UJ	5	U
DE	UG/KG	86	33%	10	5	19	58	9.4	J	6.3	U	5.8	U	6.7	UJ	5	U
DT	UG/KG	45	28%	10	5	16	58	5.7	U	6.3	U	3.2	J	6.7	UJ	5	U
	UG/KG	2.8	5%	100	0	3	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
-BHC	UG/KG	0	0%		0	0	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
-Chlordane	UG/KG	44	14%		0	8	58	4.5	J	3.3	U	3	U	3.5	UJ	2.6	U
or-1016	UG/KG	0	0%		0	0	58	57	U	63	U	58	U	67	UJ	50	U
or-1221	UG/KG	0	0%		0	0	58	120	U	130	U	120	U	140	UJ	100	U
or-1232	UG/KG	0	0%		0	0	58	57	U	63	U	58	U	67	UJ	50	U
or-1242	UG/KG	0	0%		0	0	58	57	U	63	U	58	U	67	UJ	50	U
or-1248	UG/KG	0	0%		0	0	58	57	U	63	U	58	U	67	UJ	50	U
or-1254	UG/KG	580	45%	0.8	26	26	58	360	J	63	U	58	U	67	UJ	50	U
or-1260	UG/KG	250	16%	0.8	9	9	58	57	U	63	U	58	U	67	UJ	50	U
BHC	UG/KG	3.3	7%		0	4	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
-BHC	UG/KG	0	0%		0	0	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
in	UG/KG	18	7%	100	0	4	58	5.7	U	6.3	U	5.8	U	6.7	UJ	5	U
sulfan I	UG/KG	1.9	2%	30	0	1	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
sulfan II	UG/KG	6.8	3%	30	0	2	58	5.7	U	6.3	U	5.8	U	6.7	UJ	5	U
sulfan sulfate	UG/KG	12	9%		0	5	58	5.7	U	6.3	U	5.8	U	6.7	UJ	5	U
n	UG/KG	0	0%	800	0	0	58	5.7	U	6.3	U	5.8	U	6.7	UJ	5	U
n aldehyde	UG/KG	15	12%		0	7	58	5.7	U	6.3	U	5.8	U	6.7	UJ	5	U
n ketone	UG/KG	62	7%		0	4	58	5.7	U	6.3	U	5.8	U	6.7	UJ	5	U
ma-BHC/Lindane	UG/KG	0	0%		0	0	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
ma-Chlordane	UG/KG	40	17%		0	10	58	3.2	J	3.3	U	3	U	3.5	UJ	2.6	U
chlor	UG/KG	2.4	2%	0.8	1	1	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
chlor epoxide	UG/KG	10	10%	0.8	6	6	58	2.9	U	3.3	U	3	U	3.5	UJ	2.6	U
oxychlor	UG/KG	68	3%		0	2	58	29	U	33	U	30	U	35	UJ	26	U
phene	UG/KG	0	0%		0	0	58	290	U	330	U	300	U	350	UJ	260	U

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Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-4 SEDIMENT SD4-4 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-40 SEDIMENT 41040 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-41 SEDIMENT 41041 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-42 SEDIMENT 41042 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-43 SEDIMENT 41043 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N	
SES																	
T	UG/KG	21	11%		0	1	9	8.8	U								
TP/Silvex	UG/KG	0	0%		0	0	9	8.8	U								
	UG/KG	0	0%		0	0	9	88	U								
B	UG/KG	0	0%		0	0	9	88	U								
on	UG/KG	0	0%		0	0	9	210	U								
nba	UG/KG	0	0%		0	0	9	8.8	U								
oproprop	UG/KG	0	0%		0	0	9	88	U								
eb	UG/KG	0	0%		0	0	9	44	U								
A	UG/KG	0	0%		0	0	9	8800	U								
P	UG/KG	0	0%		0	0	9	8800	U								
ALS																	
inum	MG/KG	22100	100%		0	58	58	19700		10100		22100		13800	J	12300	
ony	MG/KG	82.7	53%	2	20	31	58	7.2	UJ	3	J	1.9	J	53.4	J	35.8	J
nic	MG/KG	37.7	98%	6	19	57	58	4.5		3.8		12.3		7.1	J	6.4	
m	MG/KG	488	100%		0	58	58	121		101		106		133	J	81.4	
lium	MG/KG	1.1	100%		0	58	58	1	J	0.7	J	1.1	J	0.68	J	0.58	J
nium	MG/KG	34.1	47%	0.6	24	27	58	3.1		1	J	0.16	U	0.31	J	0.1	U
um	MG/KG	140000	100%		0	58	58	13600		8680		98300		8000	J	4980	
mium	MG/KG	4800	100%	26	28	58	58	89.3	J	310		46.4		4800	J	3170	
lt	MG/KG	28.4	100%		0	58	58	17.3		11	J	25.8		15.2	J	11.2	
er	MG/KG	2640	100%	16	55	58	58	46.5	J	113		39.5		381	J	522	
ide	MG/KG	0	0%		0	0	58	0.85	U	1.2	U	0.91	U	1.1	UJ	0.88	U
	MG/KG	87900	100%	20000	45	58	58	35200		20300		58300		[illegible]	J	16300	
	MG/KG	374	95%	31	35	55	58	535	R	36.5		20.7		32	J	34.9	
nesium	MG/KG	27900	100%		0	58	58	9130		3620		27900		5390	J	4970	
ganese	MG/KG	5480	100%	460	28	58	58	299		707	J	1680	J	1744	J	291	J
ury	MG/KG	2.4	59%	0.15	16	34	58	0.07	J	0.08	UJ	0.08	J	2.4	J	0.56	J
el	MG/KG	453	100%	16	58	58	58	53.1		26		63.2		44	J	35.5	
ssium	MG/KG	3460	100%		0	58	58	2540		1400	J	2270		2080	J	1480	
nium	MG/KG	6.1	41%		0	24	58	0.93	J	1.6	J	1.2	U	1.6	J	0.73	U
r	MG/KG	1.7	45%	1	4	26	58	1.4	U	0.33	U	0.33	U	0.62	J	0.23	J
um	MG/KG	1370	64%		0	37	58	184	J	116	J	200	J	128	UJ	68.8	U
ium	MG/KG	0	0%		0	0	58	0.25	U	1	UJ	1	U	1.2	UJ	0.63	U
dium	MG/KG	1140	100%		0	58	58	35.6		21.7		32.5		21.6	J	20	
	MG/KG	1150	100%	120	41	58	58	667		183		181		829	J	446	

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-44 SEDIMENT 41044 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-45 SEDIMENT 41045 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-46 SEDIMENT 41046 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-47 SEDIMENT 41038 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-48 SEDIMENT 41031 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N	
TILES																	
Trichloroethane	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	18	UJ	14	UJ	12	U	23	UJ	20	UJ
Trichloroethane	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
chloroethane	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
chloroethene	UG/KG	0	0%	20	0	0	58	18	U	14	U	12	U	23	UJ	20	U
chloroethane	UG/KG	0	0%	700	0	0	58	18	U	14	U	12	U	23	UJ	20	U
chloroethene (total)	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
chloropropane	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
ne	UG/KG	210	26%		0	15	58	18	U	14	U	12	U	23	UJ	20	U
ne	UG/KG	0	0%	600	0	0	58	18	U	14	U	12	U	23	UJ	20	U
dichloromethane	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
form	UG/KG	0	0%		0	0	58	18	UJ	14	UJ	12	U	23	UJ	20	UJ
n disulfide	UG/KG	18	9%		0	5	58	18	U	14	U	12	U	23	UJ	20	U
n tetrachloride	UG/KG	0	0%	600	0	0	58	18	U	14	U	12	U	23	UJ	20	U
benzene	UG/KG	0	0%	3500	0	0	58	18	UJ	14	UJ	12	U	23	UJ	20	UJ
dibromomethane	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
ethane	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
form	UG/KG	14	3%		0	2	58	18	U	14	U	12	U	23	UJ	20	U
3-Dichloropropene	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
enzene	UG/KG	0	0%		0	0	58	18	UJ	14	UJ	12	U	23	UJ	20	UJ
bromide	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	UJ
butyl ketone	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
chloride	UG/KG	5	2%		0	1	58	18	U	14	U	12	U	23	UJ	20	U
ethyl ketone	UG/KG	49	2%		0	1	58	18	U	14	U	12	U	23	UJ	20	U
isobutyl ketone	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
ene chloride	UG/KG	11	5%		0	3	58	18	U	14	U	12	U	23	UJ	20	U
e	UG/KG	3	3%		0	2	58	18	UJ	14	UJ	12	U	23	UJ	20	UJ
hloroethene	UG/KG	0	0%	800	0	0	58	18	U	14	U	12	U	23	UJ	20	U
ne	UG/KG	42	9%		0	5	58	18	U	14	U	12	U	23	UJ	20	U
Xylenes	UG/KG	7	3%		0	2	58	18	UJ	14	UJ	12	U	23	UJ	20	UJ
1,3-Dichloropropene	UG/KG	0	0%		0	0	58	18	U	14	U	12	U	23	UJ	20	U
roethene	UG/KG	0	0%	2000	0	0	58	18	U	14	U	12	U	23	UJ	20	U
hloride	UG/KG	0	0%	70	0	0	58	18	U	14	U	12	U	23	UJ	20	U
OLATILE ORGANICS																	
Trichlorobenzene	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
chlorobenzene	UG/KG	0	0%	12000	0	0	58	110	U	79	U	75	U	170	UJ	130	U
chlorobenzene	UG/KG	0	0%	12000	0	0	58	110	U	79	U	75	U	170	UJ	130	U
chlorobenzene	UG/KG	73	2%	12000	0	1	58	110	U	79	U	75	U	170	UJ	130	U
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9										
Trichlorophenol	UG/KG	0	0%		0	0	58	270	U	190	U	180	U	420	UJ	320	U
Trichlorophenol	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
chlorophenol	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
methylphenol	UG/KG	0	0%		0	0	58	110	U	79	UJ	75	U	170	UJ	130	UJ
nitrophenol	UG/KG	0	0%		0	0	58	270	R	190	UJ	180	U	420	UJ	320	UJ
nitrotoluene	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
nitrotoluene	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
bronaphthalene	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-44 SEDIMENT 41044 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-45 SEDIMENT 41045 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-46 SEDIMENT 41046 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-47 SEDIMENT 41038 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-48 SEDIMENT 41031 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N	
TICS																	
orophenol	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
hylnaphthalene	UG/KG	31	9%		0	5	58	110	U	79	U	75	U	170	UJ	130	U
hylphenol	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
oaniline	UG/KG	0	0%		0	0	58	270	U	190	U	180	U	420	UJ	320	U
ophenol	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
ichlorobenzidine	UG/KG	0	0%		0	0	58	110	UJ	79	U	75	U	170	UJ	130	U
oaniline	UG/KG	0	0%		0	0	58	270	U	190	U	180	U	420	UJ	320	UJ
initro-2-methylphenol	UG/KG	0	0%		0	0	58	270	U	190	U	180	U	420	UJ	320	U
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
oro-3-methylphenol	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
oroaniline	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	UJ
orophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
hylphenol	UG/KG	140	10%		0	6	58	110	U	16	J	75	U	170	UJ	130	U
oaniline	UG/KG	0	0%		0	0	58	270	U	190	U	180	U	420	UJ	320	U
ophenol	UG/KG	0	0%		0	0	58	270	U	190	U	180	U	420	UJ	320	U
aphthene	UG/KG	610	19%	140000	0	11	58	110	U	79	U	75	U	10	J	130	U
aphthylene	UG/KG	130	17%		0	10	58	110	U	79	U	75	U	29	J	130	U
acene	UG/KG	1700	47%		0	27	58	110	U	6	J	75	U	30	J	130	U
o(a)anthracene	UG/KG	5900	84%	1300	2	49	58	36	J	79	U	75	U	230	J	50	J
o(a)pyrene	UG/KG	5100	84%	1300	2	49	58	41	J	79	U	75	U	330	J	50	J
o(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	130	J	79	U	12	J	480	J	82	J
o(ghi)perylene	UG/KG	3200	78%		0	45	58	22	J	79	U	75	U	180	J	41	J
o(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	110	R	79	U	75	R	330	J	74	J
Chloroethoxy)methane	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
Chloroethyl)ether	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
Chloroisopropyl)ether	UG/KG	0	0%		0	0	49	110	U	79	U	75	U	170	UJ	130	U
Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	110	U	79	U	75	U	99	J	120	U
enzylphthalate	UG/KG	16	9%		0	5	58	110	U	79	U	75	U	170	UJ	130	U
nzole	UG/KG	500	40%		0	23	58	110	U	79	U	75	U	40	J	130	UJ
ene	UG/KG	6200	90%	1300	2	52	58	69	J	6.6	J	4.9	J	350	J	68	J
utylphthalate	UG/KG	250	47%		0	27	58	110	U	79	U	75	U	63	J	28	J
ctylphthalate	UG/KG	46	5%		0	3	58	110	U	79	U	75	U	170	UJ	130	U
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	110	U	79	U	75	U	90	J	130	U
zofuran	UG/KG	230	17%		0	10	58	110	U	79	U	75	U	170	UJ	130	U
l phthalate	UG/KG	17	3%		0	2	58	110	U	79	U	75	U	170	UJ	8.6	J
hylphthalate	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
anthene	UG/KG	16000	93%	1020000	0	54	58	100	J	8.7	J	7.8	J	510	J	82	J
ene	UG/KG	660	22%		0	13	58	110	U	79	U	75	U	170	UJ	130	U
chlorobenzene	UG/KG	840	3%	150	1	2	58	110	U	79	U	75	U	170	UJ	130	U
chlorobutadiene	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	110	UJ	79	U	75	U	170	UJ	130	UJ
chloroethane	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	22	J	79	U	75	U	150	J	42	J
orone	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U
rosodiphenylamine	UG/KG	760	2%		0	1	58	110	U	79	U	75	U	170	UJ	130	U
rosodipropylamine	UG/KG	410	2%		0	1	58	110	U	79	U	75	U	170	UJ	130	U
halene	UG/KG	13	12%		0	7	58	110	U	79	U	75	U	170	UJ	130	U
enzene	UG/KG	0	0%		0	0	58	110	U	79	U	75	U	170	UJ	130	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-44 SEDIMENT 41044 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-45 SEDIMENT 41045 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-46 SEDIMENT 41046 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-47 SEDIMENT 41038 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-48 SEDIMENT 41031 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N	
[illegible]Phenol	UG/KG	0	0%		0	0	58	270	U	190	U	180	U	420	UJ	320	U
threne	UG/KG	7900	88%	120000	0	51	58	66	J	6	J	75	U	190	J	25	J
	UG/KG	210	7%		0	4	58	110	U	79	U	75	U	170	UJ	130	J
	UG/KG	12000	93%		0	54	58	84	J	6.8	J	5.8	J	420	J	56	J
SIVES																	
rinitrobenzene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
itrobenzene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
rinitrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
itrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
itrotoluene	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
toluene	UG/KG	450	2%		0	1	49	120	U	120	U	120	U	120	UJ	120	U
o-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	120	U	120	U	120	U	120	UJ	200	J
toluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	UJ	120	U
toluene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	UJ	120	U
o-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	120	U	120	U	120	U	120	UJ	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
nzene	UG/KG	0	0%		0	0	49	120	U	120	U	120	U	120	UJ	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
	UG/KG	0	0%		0	0	58	120	U	120	U	120	U	120	UJ	120	U
CIDES/PCBS																	
DD	UG/KG	90	22%	10	8	13	58	5.5	U	4	U	3.7	U	8.7	UJ	11	J
DE	UG/KG	86	33%	10	5	19	58	5.5	U	4	U	3.7	U	8.7	UJ	6.6	U
DT	UG/KG	45	28%	10	5	16	58	5.5	U	4	U	3.7	U	4.7	J	6.6	U
	UG/KG	2.8	5%	100	0	3	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
BHC	UG/KG	0	0%		0	0	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
Chlordane	UG/KG	44	14%		0	8	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
-1016	UG/KG	0	0%		0	0	58	55	U	40	U	37	U	87	UJ	66	U
-1221	UG/KG	0	0%		0	0	58	110	U	81	U	76	U	180	UJ	130	U
-1232	UG/KG	0	0%		0	0	58	55	U	40	U	37	U	87	UJ	66	U
-1242	UG/KG	0	0%		0	0	58	55	U	40	U	37	U	87	UJ	66	U
-1248	UG/KG	0	0%		0	0	58	55	U	40	U	37	U	87	UJ	66	U
-1254	UG/KG	580	45%	0.8	26	26	58	55	U	40	U	37	U	41	J	66	U
-1260	UG/KG	250	16%	0.8	9	9	58	55	U	40	U	37	U	87	UJ	66	U
HC	UG/KG	3.3	7%		0	4	58	3.3	J	2	U	1.9	U	4.5	UJ	3.4	U
BHC	UG/KG	0	0%		0	0	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
n	UG/KG	18	7%	100	0	4	58	5.5	U	4	U	3.7	U	8.7	UJ	6.6	U
lfan I	UG/KG	1.9	2%	30	0	1	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
lfan II	UG/KG	6.8	3%	30	0	2	58	5.5	U	4	U	3.7	U	8.7	UJ	6.6	U
lfan sulfate	UG/KG	12	9%		0	5	58	5.5	U	4	U	3.7	U	8.7	UJ	6.6	U
	UG/KG	0	0%	800	0	0	58	5.5	U	4	U	3.7	U	8.7	UJ	6.6	U
aldehyde	UG/KG	15	12%		0	7	58	5.5	U	4	U	3.7	U	8.7	UJ	6.6	U
ketone	UG/KG	62	7%		0	4	58	5.5	U	4	U	3.7	U	8.7	UJ	6.6	U
a-BHC/Lindane	UG/KG	0	0%		0	0	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
a-Chlordane	UG/KG	40	17%		0	10	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
hlor	UG/KG	2.4	2%	0.8	1	1	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
hlor epoxide	UG/KG	10	10%	0.8	6	6	58	2.8	U	2	U	1.9	U	4.5	UJ	3.4	U
xychlor	UG/KG	68	3%		0	2	58	28	U	20	U	19	U	45	UJ	34	U
nene	UG/KG	0	0%		0	0	58	280	U	200	U	190	U	450	UJ	340	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-44 SEDIMENT 41044 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-45 SEDIMENT 41045 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-46 SEDIMENT 41046 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-47 SEDIMENT 41038 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-48 SEDIMENT 41031 0 0.2 12/14/1998 SA RI Phase 1 Step 1 N	
TUBES																	
T	UG/KG	21	11%		0	1	9										
TP/Silvex	UG/KG	0	0%		0	0	9										
	UG/KG	0	0%		0	0	9										
B	UG/KG	0	0%		0	0	9										
on	UG/KG	0	0%		0	0	9										
ba	UG/KG	0	0%		0	0	9										
roprop	UG/KG	0	0%		0	0	9										
eb	UG/KG	0	0%		0	0	9										
	UG/KG	0	0%		0	0	9										
	UG/KG	0	0%		0	0	9										
ALS																	
num	MG/KG	22100	100%		0	58	58	14500		11200		16300		10300	J	7920	
ony	MG/KG	82.7	53%	2	20	31	58	1.7	J	8.6	J	0.84	R	2.3	J	13.5	J
ic	MG/KG	37.7	98%	6	19	57	58	7.1		5.9		8		2.3	J	2.8	J
m	MG/KG	488	100%		0	58	58	125		57		86.8		107	J	70	
ium	MG/KG	1.1	100%		0	58	58	1	J	0.36	J	0.86	J	0.66	J	0.11	J
ium	MG/KG	34.1	47%	0.6	24	27	58	0.14	U	0.11	U	0.11	U	0.72	J	0.21	J
um	MG/KG	140000	100%		0	58	58	4050		36600		3260		25000	J	11000	
nium	MG/KG	4800	100%	26	28	58	58	90.1		681		28.8		153	J	2340	
t	MG/KG	28.4	100%		0	58	58	14	J	11	J	18.4		11.6	J	7	J
er	MG/KG	2640	100%	16	55	58	58	65		279		35.7		137	J	359	
de	MG/KG	0	0%		0	0	58	0.92	U	0.68	U	0.63	U	1.4	UJ	1	U
	MG/KG	87900	100%	20000	45	58	58	31200		28200		40100		17400	J	14300	
	MG/KG	374	95%	31	35	55	58	24.8		12	J	14		67	J	21.8	
esium	MG/KG	27900	100%		0	58	58	4500		14100		6600		5510	J	2880	
anese	MG/KG	5480	100%	460	28	58	58	862	J	563		802	J	455	J	1080	
ury	MG/KG	2.4	59%	0.15	16	34	58	0.08	UJ	0.08	J	0.06	J	0.16	J	0.34	J
l	MG/KG	453	100%	16	58	58	58	30.3		28.2		49.1		33	J	30.8	
sium	MG/KG	3460	100%		0	58	58	1680		1130	J	1420		2220	J	2070	
ium	MG/KG	6.1	41%		0	24	58	1	U	0.82	U	0.78	U	3.8	J	1.3	J
	MG/KG	1.7	45%	1	4	26	58	0.29	U	0.23	U	0.22	U	0.48	UJ	0.33	U
m	MG/KG	1370	64%		0	37	58	98.3	U	65.2	J	73	U	311	J	87.4	U
um	MG/KG	0	0%		0	0	58	0.9	U	0.71	U	0.67	U	1.5	UJ	12	U
dium	MG/KG	1140	100%		0	58	58	24.9		19		24.8		22.5	J	17.1	
	MG/KG	1150	100%	120	41	58	58	98.9		138	J	104		231	J	389	J

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-49 SEDIMENT 41034 0 0.2 12/17/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-5 SEDIMENT SD4-5 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-50 SEDIMENT 41033 0 0.2 12/16/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-50 SEDIMENT 41032 0 0.2 12/16/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-51 SEDIMENT 41035 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N	
TILES																	
richloroethane	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
richloroethane	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
hloroethane	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
hloroethene	UG/KG	0	0%	20	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
hloroethane	UG/KG	0	0%	700	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
hloroethene (total)	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
hloropropane	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
e	UG/KG	210	26%		0	15	58	15	U	17	U	23	UJ	23	UJ	13	U
ne	UG/KG	0	0%	600	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
dichloromethane	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
orm	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
disulfide	UG/KG	18	9%		0	5	58	15	U	17	U	23	UJ	23	UJ	13	U
tetrachloride	UG/KG	0	0%	600	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
benzene	UG/KG	0	0%	3500	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
dibromomethane	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
ethane	UG/KG	0	0%		0	0	58	15	UJ	17	U	23	UJ	23	UJ	13	UJ
orm	UG/KG	14	3%		0	2	58	15	U	17	U	23	UJ	23	UJ	13	U
-Dichloropropene	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
enzene	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
bromide	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
butyl ketone	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
chloride	UG/KG	5	2%		0	1	58	15	U	17	U	23	UJ	23	UJ	13	U
ethyl ketone	UG/KG	49	2%		0	1	58	15	UJ	17	U	23	UJ	23	UJ	13	UJ
isobutyl ketone	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
ene chloride	UG/KG	11	5%		0	3	58	15	U	17	U	23	UJ	23	UJ	13	U
e	UG/KG	3	3%		0	2	58	15	U	3	J	23	UJ	23	UJ	13	U
loroethene	UG/KG	0	0%	800	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
e	UG/KG	42	9%		0	5	58	15	U	17	U	23	UJ	23	UJ	13	U
ylenes	UG/KG	7	3%		0	2	58	15	U	7	J	23	UJ	23	UJ	13	U
,3-Dichloropropene	UG/KG	0	0%		0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
roethene	UG/KG	0	0%	2000	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
hloride	UG/KG	0	0%	70	0	0	58	15	U	17	U	23	UJ	23	UJ	13	U
OLATILE ORGANICS																	
richlorobenzene	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
hlorobenzene	UG/KG	0	0%	12000	0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
hlorobenzene	UG/KG	0	0%	12000	0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
hlorobenzene	UG/KG	73	2%	12000	0	1	58	110	U	630	U	150	UJ	130	UJ	81	U
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9			630	U						
richlorophenol	UG/KG	0	0%		0	0	58	260	U	1500	U	360	UJ	320	UJ	200	U
richlorophenol	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
hlorophenol	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
nethylphenol	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
itrophenol	UG/KG	0	0%		0	0	58	260	UJ	1500	U	360	UJ	320	UJ	200	UJ
itrotoluene	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
itrotoluene	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
ronaphthalene	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-49 SEDIMENT 41034 0 0.2 12/17/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-5 SEDIMENT SD4-5 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-50 SEDIMENT 41033 0 0.2 12/16/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-50 SEDIMENT 41032 0 0.2 12/16/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-51 SEDIMENT 41035 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N	
TAL SVOCs																	
ophenol	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
ylnaphthalene	UG/KG	31	9%		0	5	58	110	U	630	U	150	UJ	130	UJ	8.9	J
ylphenol	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
aniline	UG/KG	0	0%		0	0	58	260	U	1500	U	360	UJ	320	UJ	200	U
phenol	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
ichlorobenzidine	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
aniline	UG/KG	0	0%		0	0	58	260	U	1500	U	360	UJ	320	UJ	200	U
nitro-2-methylphenol	UG/KG	0	0%		0	0	58	260	U	1500	U	360	UJ	320	UJ	200	U
nophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
ro-3-methylphenol	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
roaniline	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
rophenyl phenyl ether	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
ylphenol	UG/KG	140	10%		0	6	58	110	U	630	U	150	UJ	130	UJ	81	U
aniline	UG/KG	0	0%		0	0	58	260	U	1500	U	360	UJ	320	UJ	200	U
phenol	UG/KG	0	0%		0	0	58	260	U	1500	U	360	UJ	320	UJ	200	U
phthene	UG/KG	610	19%	140000	0	11	58	110	U	630	U	12	J	10	J	9.2	J
phthylene	UG/KG	130	17%		0	10	58	110	U	630	U	150	UJ	130	UJ	28	J
cene	UG/KG	1700	47%		0	27	58	7.2	J	630	U	19	J	19	J	46	J
(a)anthracene	UG/KG	5900	84%	1300	2	49	58	26	J	630	U	110	J	96	J	190	
(a)pyrene	UG/KG	5100	84%	1300	2	49	58	29	J	630	U	150	J	130	J	180	
(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	35	J	630	U	210	J	150	J	190	
(ghi)perylene	UG/KG	3200	78%		0	45	58	36	J	630	U	110	J	94	J	100	
(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	36	J	630	U	140	J	130	J	170	
Chloroethoxy)methane	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
Chloroethyl)ether	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
Chloroisopropyl)ether	UG/KG	0	0%		0	0	49	110	U			150	UJ	130	UJ	81	U
Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	110	U	630	U	150	UJ	130	UJ	81	U
enzylphthalate	UG/KG	16	9%		0	5	58	110	U	630	U	150	UJ	130	UJ	81	U
zole	UG/KG	500	40%		0	23	58	6.8	J	630	U	22	J	21	J	12	J
ene	UG/KG	6200	90%	1300	2	52	58	38	J	630	U	170	J	140	J	220	
utylphthalate	UG/KG	250	47%		0	27	58	110	U	630	U	7.5	J	130	UJ	81	U
ctylphthalate	UG/KG	46	5%		0	3	58	110	U	630	U	150	UJ	130	UJ	81	U
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	12	J	630	U	150	UJ	130	UJ	64	J
zofuran	UG/KG	230	17%		0	10	58	110	U	630	U	150	UJ	130	UJ	14	J
l phthalate	UG/KG	17	3%		0	2	58	110	U	630	U	150	UJ	130	UJ	81	U
hylphthalate	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
nthene	UG/KG	16000	93%	1020000	0	54	58	68	J	630	U	260	J	240	J	320	
ne	UG/KG	660	22%		0	13	58	110	U	630	U	11	J	10	J	18	J
chlorobenzene	UG/KG	840	3%	150	1	2	58	110	U	630	U	150	UJ	130	UJ	81	U
chlorobutadiene	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
chloroethane	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	25	J	630	U	110	J	92	J	140	
prone	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U
osodiphenylamine	UG/KG	760	2%		0	1	58	110	U	630	U	150	UJ	130	UJ	81	U
osodipropylamine	UG/KG	410	2%		0	1	58	110	U	630	U	150	UJ	130	UJ	81	U
halene	UG/KG	13	12%		0	7	58	110	U	630	U	150	UJ	130	UJ	12	J
enzene	UG/KG	0	0%		0	0	58	110	U	630	U	150	UJ	130	UJ	81	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-49 SEDIMENT 41034 0 0.2 12/17/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-5 SEDIMENT SD4-5 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-50 SEDIMENT 41033 0 0.2 12/16/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-50 SEDIMENT 41032 0 0.2 12/16/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-51 SEDIMENT 41035 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N	
[illegible]dinitrophenol	UG/KG	0	0%		0	0	58	260	U	1500	U	360	UJ	320	UJ	200	U
anthrene	UG/KG	7900	88%	120000	0	51	58	34	J	630	U	130	J	120	J	140	
ol	UG/KG	210	7%		0	4	58	110	U	630	U	150	UJ	130	UJ	81	U
e	UG/KG	12000	93%		0	54	58	52	J	630	U	210	J	180	J	290	
OSIVES																	
Trinitrobenzene	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
nitrobenzene	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
Trinitrotoluene	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
nitrotoluene	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
nitrotoluene	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
otoluene	UG/KG	450	2%		0	1	49	120	U			120	UJ	120	UJ	120	U
no-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	120	U	130	U	120	UJ	120	UJ	120	U
otoluene	UG/KG	0	0%		0	0	49	120	U			120	UJ	120	UJ	120	U
otoluene	UG/KG	0	0%		0	0	49	120	U			120	UJ	120	UJ	120	U
no-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	120	U	130	U	120	UJ	120	UJ	120	U
	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
enzene	UG/KG	0	0%		0	0	49	120	U			120	UJ	120	UJ	120	U
	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
	UG/KG	0	0%		0	0	58	120	U	130	U	120	UJ	120	UJ	120	U
ICIDES/PCBS																	
DD	UG/KG	90	22%	10	8	13	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	4.1	U
DE	UG/KG	86	33%	10	5	19	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	4.1	U
DT	UG/KG	45	28%	10	5	16	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	4.1	U
	UG/KG	2.8	5%	100	0	3	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
-BHC	UG/KG	0	0%		0	0	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
-Chlordane	UG/KG	44	14%		0	8	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
or-1016	UG/KG	0	0%		0	0	58	55	U	63	U	73	UJ	66	UJ	41	U
or-1221	UG/KG	0	0%		0	0	58	110	U	130	U	150	UJ	130	UJ	83	U
or-1232	UG/KG	0	0%		0	0	58	55	U	63	U	73	UJ	66	UJ	41	U
or-1242	UG/KG	0	0%		0	0	58	55	U	63	U	73	UJ	66	UJ	41	U
or-1248	UG/KG	0	0%		0	0	58	55	U	63	U	73	UJ	66	UJ	41	U
or-1254	UG/KG	580	45%	0.8	26	26	58	55	U	130	J	73	UJ	66	UJ	41	U
or-1260	UG/KG	250	16%	0.8	9	9	58	55	U	63	U	73	UJ	66	UJ	41	U
BHC	UG/KG	3.3	7%		0	4	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
-BHC	UG/KG	0	0%		0	0	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
in	UG/KG	18	7%	100	0	4	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	4.1	U
sulfan I	UG/KG	1.9	2%	30	0	1	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
sulfan II	UG/KG	6.8	3%	30	0	2	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	4.1	U
sulfan sulfate	UG/KG	12	9%		0	5	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	2.9	J
n	UG/KG	0	0%	800	0	0	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	4.1	U
n aldehyde	UG/KG	15	12%		0	7	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	3.2	J
n ketone	UG/KG	62	7%		0	4	58	5.5	U	6.3	U	7.3	UJ	6.6	UJ	2.8	J
ma-BHC/Lindane	UG/KG	0	0%		0	0	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
ma-Chlordane	UG/KG	40	17%		0	10	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
chlor	UG/KG	2.4	2%	0.8	1	1	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
chlor epoxide	UG/KG	10	10%	0.8	6	6	58	2.8	U	3.3	U	3.8	UJ	3.4	UJ	2.1	U
oxychlor	UG/KG	68	3%		0	2	58	28	U	33	U	38	UJ	34	UJ	21	U
phene	UG/KG	0	0%		0	0	58	280	U	330	U	380	UJ	340	UJ	210	U

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[illegible]ES																	
T	UG/KG	21	11%		0	1	9			9.6	U						
TP/Silvex	UG/KG	0	0%		0	0	9			9.6	U						
	UG/KG	0	0%		0	0	9			96	U						
B	UG/KG	0	0%		0	0	9			96	U						
on	UG/KG	0	0%		0	0	9			230	U						
nba	UG/KG	0	0%		0	0	9			9.6	U						
proprop	UG/KG	0	0%		0	0	9			96	U						
eb	UG/KG	0	0%		0	0	9			48	U						
A	UG/KG	0	0%		0	0	9			9600	U						
P	UG/KG	0	0%		0	0	9			9600	U						
ALS																	
num	MG/KG	22100	100%		0	58	58	7640		18200		8560	J	7840	J	9240	
ony	MG/KG	82.7	53%	2	20	31	58	0.88	J	7	J	1.2	UJ	1	UJ	0.75	UJ
ic	MG/KG	37.7	98%	6	19	57	58	2.3	J	5.2		2.8	J	2.6	J	7.8	
m	MG/KG	488	100%		0	58	58	66.7		130		86	J	81.4	J	55	
ium	MG/KG	1.1	100%		0	58	58	0.37	J	0.99	J	0.42	J	0.38	J	0.36	J
ium	MG/KG	34.1	47%	0.6	24	27	58	0.06	U	2.8		0.08	UJ	0.07	UJ	0.05	U
um	MG/KG	140000	100%		0	58	58	35300		19800		46800	J	53200	J	45900	
nium	MG/KG	4800	100%	26	28	58	58	12.9		59.9	J	15.3	J	14.5	J	17.7	
lt	MG/KG	28.4	100%		0	58	58	8.1	J	15.1		9.1	J	8.9	J	9.3	J
er	MG/KG	2640	100%	16	55	58	58	15		33	J	20.5	J	19.7	J	15.5	
de	MG/KG	0	0%		0	0	58	0.91	U	0.99	U	1.1	UJ	1.1	UJ	0.65	U
	MG/KG	87900	100%	20000	45	58	58	14400		37200		16900	J	15800	J	24000	
	MG/KG	374	95%	31	35	55	58	16.9		236	R	18.7	J	17.3	J	20.6	
esium	MG/KG	27900	100%		0	58	58	7420		7750		9900	J	12800	J	9720	
anese	MG/KG	5480	100%	460	28	58	58	246	J	337		313	J	290	J	368	J
ury	MG/KG	2.4	59%	0.15	16	34	58	0.08	U	0.04	U	0.11	UJ	0.09	UJ	0.06	UJ
l	MG/KG	453	100%	16	58	58	58	20.1		47.7		24.2	J	23.7	J	25.2	
sium	MG/KG	3460	100%		0	58	58	1140	J	1580		1010	J	915	J	1050	J
ium	MG/KG	6.1	41%		0	24	58	0.57	U	0.53	J	0.75	UJ	0.67	UJ	0.48	U
	MG/KG	1.7	45%	1	4	26	58	0.28	U	1.2	U	0.38	UJ	0.33	UJ	0.24	U
m	MG/KG	1370	64%		0	37	58	74.1	U	127	J	98.3	UJ	87.3	UJ	63.3	U
um	MG/KG	0	0%		0	0	58	1	UJ	0.27	U	1.4	UJ	1.2	UJ	0.87	UJ
dium	MG/KG	1140	100%		0	58	58	15.5		27.7		18.3	J	17.2	J	17.8	
	MG/KG	1150	100%	120	41	58	58	75.9		674		90.1	J	86.5	J	175	

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-52 SEDIMENT 41036 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-53 SEDIMENT 41037 0 0.2 12/17/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-54 SEDIMENT 41047 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-55 SEDIMENT 41049 0 0.2 12/19/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-55 SEDIMENT 41048 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N	
TILES																	
richloroethane	UG/KG	0	0%		0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	27	UJ	18	UJ	16	UJ	16	R	16	R
richloroethane	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
chloroethane	UG/KG	0	0%		0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
chloroethene	UG/KG	0	0%	20	0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
chloroethane	UG/KG	0	0%	700	0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
chloroethene (total)	UG/KG	0	0%		0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
chloropropane	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
e	UG/KG	210	26%		0	15	58	32	J	18	U	16	U	16	U	16	UJ
ne	UG/KG	0	0%	600	0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
dichloromethane	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
form	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	UJ	16	R	16	R
n disulfide	UG/KG	18	9%		0	5	58	27	UJ	18	U	16	U	16	U	16	UJ
n tetrachloride	UG/KG	0	0%	600	0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
benzene	UG/KG	0	0%	3500	0	0	58	27	UJ	18	UJ	16	UJ	16	R	16	R
dibromomethane	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
ethane	UG/KG	0	0%		0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
form	UG/KG	14	3%		0	2	58	27	UJ	18	U	16	U	16	U	16	UJ
-Dichloropropene	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
enzene	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	UJ	16	R	16	R
bromide	UG/KG	0	0%		0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
butyl ketone	UG/KG	0	0%		0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
chloride	UG/KG	5	2%		0	1	58	5	J	18	U	16	U	16	U	16	UJ
ethyl ketone	UG/KG	49	2%		0	1	58	27	UJ	18	U	16	U	16	U	16	UJ
isobutyl ketone	UG/KG	0	0%		0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
ene chloride	UG/KG	11	5%		0	3	58	27	UJ	18	U	16	U	16	U	16	UJ
e	UG/KG	3	3%		0	2	58	27	UJ	18	UJ	16	UJ	16	R	16	R
hloroethene	UG/KG	0	0%	800	0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
ne	UG/KG	42	9%		0	5	58	27	UJ	18	U	16	U	16	U	16	UJ
Xylenes	UG/KG	7	3%		0	2	58	27	UJ	18	UJ	16	UJ	16	R	16	R
1,3-Dichloropropene	UG/KG	0	0%		0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
roethene	UG/KG	0	0%	2000	0	0	58	27	UJ	18	UJ	16	U	16	UJ	16	UJ
hloride	UG/KG	0	0%	70	0	0	58	27	UJ	18	U	16	U	16	U	16	UJ
OLATILE ORGANICS																	
Trichlorobenzene	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
chlorobenzene	UG/KG	0	0%	12000	0	0	58	160	UJ	210	U	100	U	110	U	110	U
chlorobenzene	UG/KG	0	0%	12000	0	0	58	160	UJ	210	U	100	U	110	U	110	U
chlorobenzene	UG/KG	73	2%	12000	0	1	58	160	UJ	210	U	100	U	110	U	110	U
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9										
Trichlorophenol	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	U	260	U	270	U
Trichlorophenol	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
chlorophenol	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
methylphenol	UG/KG	0	0%		0	0	58	160	UJ	210	UJ	100	UJ	110	UJ	110	UJ
nitrophenol	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	R	260	U	270	U
nitrotoluene	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
nitrotoluene	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
ronaphthalene	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-52 SEDIMENT 41036 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-53 SEDIMENT 41037 0 0.2 12/17/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-54 SEDIMENT 41047 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-55 SEDIMENT 41049 0 0.2 12/19/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-55 SEDIMENT 41048 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N	
TICS																	
rophenol	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
thylnaphthalene	UG/KG	31	9%		0	5	58	160	UJ	210	U	100	U	110	U	110	U
thylphenol	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
oaniline	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	U	260	U	270	U
ophenol	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
Dichlorobenzidine	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
oaniline	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	U	260	U	270	U
initro-2-methylphenol	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	UJ	260	U	270	U
mophenyl phenyl ether	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
oro-3-methylphenol	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
oroaniline	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
orophenyl phenyl ether	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
thylphenol	UG/KG	140	10%		0	6	58	160	UJ	210	U	100	U	110	U	110	U
oaniline	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	U	260	U	270	U
ophenol	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	U	260	U	270	U
aphthene	UG/KG	610	19%	140000	0	11	58	160	UJ	210	U	100	U	110	U	110	U
aphthylene	UG/KG	130	17%		0	10	58	11	J	210	U	100	U	110	U	110	U
acene	UG/KG	1700	47%		0	27	58	22	J	210	U	100	U	110	U	9.4	J
o(a)anthracene	UG/KG	5900	84%	1300	2	49	58	130	J	110	J	37	J	56	J	49	J
o(a)pyrene	UG/KG	5100	84%	1300	2	49	58	150	J	130	J	44	J	48	J	53	J
o(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	200	J	300	J	46	J	160	J	130	J
o(ghi)perylene	UG/KG	3200	78%		0	45	58	86	J	96	J	25	J	35	J	28	J
o(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	190	J	210	R	58	J	110	R	110	R
-Chloroethoxy)methane	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
-Chloroethyl)ether	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
-Chloroisopropyl)ether	UG/KG	0	0%		0	0	49	160	UJ	210	U	100	U	110	U	110	U
-Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	160	UJ	1200		100	U	84	J	49	J
benzylphthalate	UG/KG	16	9%		0	5	58	160	UJ	210	U	100	U	110	U	110	U
azole	UG/KG	500	40%		0	23	58	14	J	15	J	100	U	8.9	J	9.2	J
sene	UG/KG	6200	90%	1300	2	52	58	200	J	170	J	52	J	85	J	70	J
butylphthalate	UG/KG	250	47%		0	27	58	160	UJ	210	U	100	U	110	U	9	J
octylphthalate	UG/KG	46	5%		0	3	58	160	UJ	210	U	100	U	110	U	110	U
nz(a,h)anthracene	UG/KG	1200	50%		0	29	58	38	J	210	U	13	J	21	J	18	J
nzofuran	UG/KG	230	17%		0	10	58	160	UJ	210	U	100	U	110	U	110	U
yl phthalate	UG/KG	17	3%		0	2	58	160	UJ	210	U	100	U	110	U	110	U
thylphthalate	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
anthene	UG/KG	16000	93%	1020000	0	54	58	340	J	270		77	J	140		110	J
ene	UG/KG	660	22%		0	13	58	160	UJ	210	U	100	U	110	U	110	U
chlorobenzene	UG/KG	840	3%	150	1	2	58	160	UJ	210	U	100	U	110	U	110	U
chlorobutadiene	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
chlorocyclopentadiene	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	UJ	110	UJ	110	UJ
chloroethane	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
no(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	100	J	88	J	23	J	26	J	26	J
horone	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U
rosodiphenylamine	UG/KG	760	2%		0	1	58	160	UJ	210	U	100	U	110	U	110	U
rosodipropylamine	UG/KG	410	2%		0	1	58	160	UJ	210	U	100	U	110	U	110	U
thalene	UG/KG	13	12%		0	7	58	160	UJ	210	U	100	U	110	U	110	U
benzene	UG/KG	0	0%		0	0	58	160	UJ	210	U	100	U	110	U	110	U

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ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-52 SEDIMENT 41036 0 0.2 12/18/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-53 SEDIMENT 41037 0 0.2 12/17/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-54 SEDIMENT 41047 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N		SEAD-4 SD4-55 SEDIMENT 41049 0 0.2 12/19/1998 DU RI Phase 1 Step 1 N		SEAD-4 SD4-55 SEDIMENT 41048 0 0.2 12/19/1998 SA RI Phase 1 Step 1 N	
[illegible]henol	UG/KG	0	0%		0	0	58	380	UJ	520	U	250	U	260	U	270	U
nthrene	UG/KG	7900	88%	120000	0	51	58	120	J	120	J	48	J	57	J	57	J
l	UG/KG	210	7%		0	4	58	160	UJ	210	U	100	U	110	U	110	U
e	UG/KG	12000	93%		0	54	58	260	J	200	J	64	J	110		85	J
OSIVES																	
Trinitrobenzene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
itrobenzene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
Trinitrotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
itrotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
itrotoluene	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
otoluene	UG/KG	450	2%		0	1	49	120	UJ	120	U	120	U	120	U	120	U
o-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	120	UJ	120	U	120	U	120	U	120	U
otoluene	UG/KG	0	0%		0	0	49	120	UJ	120	U	120	U	120	U	120	U
otoluene	UG/KG	0	0%		0	0	49	120	UJ	120	U	120	U	120	U	120	U
o-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	120	UJ	120	U	120	U	120	U	120	U
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
enzene	UG/KG	0	0%		0	0	49	120	UJ	120	U	120	U	120	U	120	U
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
	UG/KG	0	0%		0	0	58	120	UJ	120	U	120	U	120	U	120	U
CIDES/PCBS																	
DD	UG/KG	90	22%	10	8	13	58	7.8	UJ	11		5.2	U	5.5	U	5.7	U
DE	UG/KG	86	33%	10	5	19	58	7.8	UJ	17		5.2	U	3.4	J	2.8	J
DT	UG/KG	45	28%	10	5	16	58	7.8	UJ	20		5.2	U	5.5	U	5.7	U
	UG/KG	2.8	5%	100	0	3	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
BHC	UG/KG	0	0%		0	0	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
Chlordane	UG/KG	44	14%		0	8	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
r-1016	UG/KG	0	0%		0	0	58	78	UJ	59	U	52	U	55	U	57	U
r-1221	UG/KG	0	0%		0	0	58	160	UJ	120	U	110	U	110	U	120	U
r-1232	UG/KG	0	0%		0	0	58	78	UJ	59	U	52	U	55	U	57	U
r-1242	UG/KG	0	0%		0	0	58	78	UJ	59	U	52	U	55	U	57	U
r-1248	UG/KG	0	0%		0	0	58	78	UJ	59	U	52	U	55	U	57	U
r-1254	UG/KG	580	45%	0.8	26	26	58	78	UJ	47	J	52	U	31	J	42	J
r-1260	UG/KG	250	16%	0.8	9	9	58	78	UJ	59	U	52	U	55	U	57	U
HC	UG/KG	3.3	7%		0	4	58	4	UJ	3	U	2.7	U	2.4	J	2.5	J
BHC	UG/KG	0	0%		0	0	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
n	UG/KG	18	7%	100	0	4	58	7.8	UJ	5.9	U	5.2	U	5.5	U	5.7	U
ulfan I	UG/KG	1.9	2%	30	0	1	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
ulfan II	UG/KG	6.8	3%	30	0	2	58	7.8	UJ	5.9	U	5.2	U	5.5	U	5.7	U
ulfan sulfate	UG/KG	12	9%		0	5	58	7.8	UJ	5.9	U	5.2	U	5.5	U	5.7	U
	UG/KG	0	0%	800	0	0	58	7.8	UJ	5.9	U	5.2	U	5.5	U	5.7	U
aldehyde	UG/KG	15	12%		0	7	58	7.8	UJ	5.9	U	5.2	U	5.5	U	5.7	U
ketone	UG/KG	62	7%		0	4	58	7.8	UJ	5.9	U	5.2	U	5.5	U	5.7	U
a-BHC/Lindane	UG/KG	0	0%		0	0	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
a-Chlordane	UG/KG	40	17%		0	10	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
chlor	UG/KG	2.4	2%	0.8	1	1	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
chlor epoxide	UG/KG	10	10%	0.8	6	6	58	4	UJ	3	U	2.7	U	2.8	U	2.9	U
xychlor	UG/KG	68	3%		0	2	58	40	UJ	30	U	27	U	28	U	29	U
hene	UG/KG	0	0%		0	0	58	400	UJ	300	U	270	U	280	U	290	U

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TCL SS																	
T	UG/KG	21	11%		0	1	9										
TP/Silvex	UG/KG	0	0%		0	0	9										
	UG/KG	0	0%		0	0	9										
B	UG/KG	0	0%		0	0	9										
on	UG/KG	0	0%		0	0	9										
ba	UG/KG	0	0%		0	0	9										
roprop	UG/KG	0	0%		0	0	9										
eb	UG/KG	0	0%		0	0	9										
	UG/KG	0	0%		0	0	9										
	UG/KG	0	0%		0	0	9										
LS																	
num	MG/KG	22100	100%		0	58	58	9140		13300		14900		11600		12400	
ony	MG/KG	82.7	53%	2	20	31	58	1.3	J	1.1	R	1.2	R	1.2	R	1.4	J
ic	MG/KG	37.7	98%	6	19	57	58	3.1	J	5.1		4.4		4.1		4.2	
n	MG/KG	488	100%		0	58	58	90.9	J	80.7		90.6		64.3		65.5	J
um	MG/KG	1.1	100%		0	58	58	0.39	J	0.81	J	0.69	J	0.72	J	0.75	J
ium	MG/KG	34.1	47%	0.6	24	27	58	0.09	UJ	1.5		0.15	U	0.15	U	0.17	U
m	MG/KG	140000	100%		0	58	58	53500	J	31900		6730		23600		24900	
nium	MG/KG	4800	100%	26	28	58	58	15.8	J	48.8		25		21.5		23.8	
t	MG/KG	28.4	100%		0	58	58	8.3	J	14.2		11.8	J	11.7	J	12.4	J
er	MG/KG	2640	100%	16	55	58	58	20.8	J	45.4		24.8		49.6		30.8	
de	MG/KG	0	0%		0	0	58	1.2	UJ	0.98	U	0.96	U	1	U	1	U
	MG/KG	87900	100%	20000	45	58	58	17100	J	27100		27500		24500		25600	
	MG/KG	374	95%	31	35	55	58	21.7	J	233		28.2	J	32.1		48.3	
esium	MG/KG	27900	100%		0	58	58	6910	J	9440		5670		7680		8470	
anese	MG/KG	5480	100%	460	28	58	58	407	J	325	J	315		287	J	312	J
ry	MG/KG	2.4	59%	0.15	16	34	58	0.15	J	0.09	UJ	0.11	J	0.08	UJ	0.08	UJ
	MG/KG	453	100%	16	58	58	58	21.6	J	43.5		32.7		39.8		41.7	
sium	MG/KG	3460	100%		0	58	58	1460	J	1570		1690		1610		1710	
ium	MG/KG	6.1	41%		0	24	58	0.85	UJ	1.2	J	1.1	U	1.1	J	1.2	U
	MG/KG	1.7	45%	1	4	26	58	0.47	J	0.28	U	0.31	U	0.3	U	0.34	U
m	MG/KG	1370	64%		0	37	58	112	UJ	126	J	81	U	110	J	115	U
um	MG/KG	0	0%		0	0	58	1.5	UJ	0.87	UJ	0.96	U	0.93	U	1.1	UJ
dium	MG/KG	1140	100%		0	58	58	17.8	J	40		31.1		28.5		32	
	MG/KG	1150	100%	120	41	58	58	137	J	227		159	J	104		111	

Seneca Army Depot
SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-6 SEDIMENT SD4-6 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-7 SEDIMENT SD4-7 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-8 SEDIMENT SD4-8 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-9 SEDIMENT SD4-9 0 0.5 12/14/1993 SA ESI N	
TILES															
Trichloroethane	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
-Tetrachloroethane	UG/KG	0	0%	300	0	0	58	18	UJ	14	U	56	UJ	31	UJ
Trichloroethane	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
chloroethane	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
chloroethene	UG/KG	0	0%	20	0	0	58	18	UJ	14	U	56	UJ	31	UJ
chloroethane	UG/KG	0	0%	700	0	0	58	18	UJ	14	U	56	UJ	31	UJ
chloroethene (total)	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
chloropropane	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
ne	UG/KG	210	26%		0	15	58	18	UJ	21	U	180	J	36	J
ne	UG/KG	0	0%	600	0	0	58	18	UJ	14	U	56	UJ	31	UJ
dichloromethane	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
form	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
n disulfide	UG/KG	18	9%		0	5	58	18	UJ	14	U	56	UJ	18	J
n tetrachloride	UG/KG	0	0%	600	0	0	58	18	UJ	14	U	56	UJ	31	UJ
benzene	UG/KG	0	0%	3500	0	0	58	18	UJ	14	U	56	UJ	31	UJ
dibromomethane	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
ethane	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
form	UG/KG	14	3%		0	2	58	18	UJ	14	U	56	UJ	31	UJ
-Dichloropropene	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
enzene	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
bromide	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
butyl ketone	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
chloride	UG/KG	5	2%		0	1	58	18	UJ	14	U	56	UJ	31	UJ
ethyl ketone	UG/KG	49	2%		0	1	58	18	UJ	14	U	28	UJ	31	UJ
isobutyl ketone	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
ene chloride	UG/KG	11	5%		0	3	58	18	UJ	2	J	11	J	31	UJ
e	UG/KG	3	3%		0	2	58	3	J	14	U	56	UJ	31	UJ
hloroethene	UG/KG	0	0%	800	0	0	58	18	UJ	14	U	56	UJ	31	UJ
e	UG/KG	42	9%		0	5	58	18	UJ	14	U	56	UJ	31	UJ
Xylenes	UG/KG	7	3%		0	2	58	4	J	14	U	56	UJ	31	UJ
1,3-Dichloropropene	UG/KG	0	0%		0	0	58	18	UJ	14	U	56	UJ	31	UJ
roethene	UG/KG	0	0%	2000	0	0	58	18	UJ	14	U	56	UJ	31	UJ
hloride	UG/KG	0	0%	70	0	0	58	18	UJ	14	U	56	UJ	31	UJ
OLATILE ORGANICS															
Trichlorobenzene	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
chlorobenzene	UG/KG	0	0%	12000	0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
chlorobenzene	UG/KG	0	0%	12000	0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
chlorobenzene	UG/KG	73	2%	12000	0	1	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
ybis(1-Chloropropane)	UG/KG	0	0%		0	0	9	780	UJ	1000	UJ	3900	UJ	2800	UJ
Trichlorophenol	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
Trichlorophenol	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
chlorophenol	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
methylphenol	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
itrophenol	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
itrotoluene	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
itrotoluene	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
ronaphthalene	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ

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SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-6 SEDIMENT SD4-6 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-7 SEDIMENT SD4-7 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-8 SEDIMENT SD4-8 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-9 SEDIMENT SD4-9 0 0.5 12/14/1993 SA ESI N	
[illegible]phenol	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
hylnaphthalene	UG/KG	31	9%		0	5	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
hylphenol	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
oaniline	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
ophenol	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
ichlorobenzidine	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
oaniline	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
nitro-2-methylphenol	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
nophenyl phenyl ether	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
oro-3-methylphenol	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
roaniline	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
rophenyl phenyl ether	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
nylphenol	UG/KG	140	10%		0	6	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
oaniline	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
ophenol	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
phthene	UG/KG	610	19%	140000	0	11	58	780	UJ	56	J	3900	UJ	2800	UJ
phthylene	UG/KG	130	17%		0	10	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
cene	UG/KG	1700	47%		0	27	58	780	UJ	170	J	3900	UJ	2800	UJ
(a)anthracene	UG/KG	5900	84%	1300	2	49	58	780	UJ	300	J	3900	UJ	2800	UJ
(a)pyrene	UG/KG	5100	84%	1300	2	49	58	780	UJ	240	J	3900	UJ	2800	UJ
(b)fluoranthene	UG/KG	4800	88%	1300	3	51	58	780	UJ	330	J	3900	UJ	230	J
(ghi)perylene	UG/KG	3200	78%		0	45	58	780	UJ	79	J	3900	UJ	2800	UJ
(k)fluoranthene	UG/KG	5700	43%	1300	2	25	58	780	UJ	120	J	3900	UJ	2800	UJ
Chloroethoxy)methane	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
Chloroethyl)ether	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
Chloroisopropyl)ether	UG/KG	0	0%		0	0	49								
Ethylhexyl)phthalate	UG/KG	42000	40%	200000	0	23	58	780	UJ	2200	J	3600	J	560	J
enzylphthalate	UG/KG	16	9%		0	5	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
zole	UG/KG	500	40%		0	23	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
ene	UG/KG	6200	90%	1300	2	52	58	780	UJ	290	J	3900	UJ	200	J
utylphthalate	UG/KG	250	47%		0	27	58	69	J	83	J	250	J	2800	UJ
ctylphthalate	UG/KG	46	5%		0	3	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
z(a,h)anthracene	UG/KG	1200	50%		0	29	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
zofuran	UG/KG	230	17%		0	10	58	780	UJ	63	J	3900	UJ	2800	UJ
l phthalate	UG/KG	17	3%		0	2	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
hylphthalate	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
nthene	UG/KG	16000	93%	1020000	0	54	58	780	UJ	560	J	330	J	310	J
ne	UG/KG	660	22%		0	13	58	780	UJ	85	J	3900	UJ	2800	UJ
hlorobenzene	UG/KG	840	3%	150	1	2	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
hlorobutadiene	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
hlorocyclopentadiene	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
hloroethane	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
o(1,2,3-cd)pyrene	UG/KG	3100	74%	1300	2	43	58	780	UJ	130	J	3900	UJ	2800	UJ
prone	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
osodiphenylamine	UG/KG	760	2%		0	1	58	780	UJ	760	J	3900	UJ	2800	UJ
osodipropylamine	UG/KG	410	2%		0	1	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
halene	UG/KG	13	12%		0	7	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
enzene	UG/KG	0	0%		0	0	58	780	UJ	1000	UJ	3900	UJ	2800	UJ

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SEAD-4 Remedial Investigation
Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-6 SEDIMENT SD4-6 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-7 SEDIMENT SD4-7 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-8 SEDIMENT SD4-8 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-9 SEDIMENT SD4-9 0 0.5 12/14/1993 SA ESI N	
TALES															
dinitrophenol	UG/KG	0	0%		0	0	58	1900	UJ	2500	UJ	9400	UJ	6700	UJ
anthrene	UG/KG	7900	88%	120000	0	51	58	780	UJ	490	J	3900	UJ	220	J
l	UG/KG	210	7%		0	4	58	780	UJ	1000	UJ	3900	UJ	2800	UJ
e	UG/KG	12000	93%		0	54	58	780	UJ	480	J	320	J	290	J
OSIVES															
Trinitrobenzene	UG/KG	0	0%		0	0	58	130	UJ	130	U	130	UJ	130	UJ
nitrobenzene	UG/KG	0	0%		0	0	58	130	UJ	130	U	130	UJ	130	UJ
Trinitrotoluene	UG/KG	0	0%		0	0	58	130	UJ	130	U	130	UJ	130	UJ
nitrotoluene	UG/KG	0	0%		0	0	58	130	UJ	130	UJ	130	UJ	130	UJ
nitrotoluene	UG/KG	0	0%		0	0	58	130	UJ	130	U	130	UJ	130	UJ
otoluene	UG/KG	450	2%		0	1	49								
no-4,6-Dinitrotoluene	UG/KG	200	2%		0	1	58	130	UJ	130	U	130	UJ	130	UJ
otoluene	UG/KG	0	0%		0	0	49								
otoluene	UG/KG	0	0%		0	0	49								
no-2,6-Dinitrotoluene	UG/KG	140	2%		0	1	58	130	UJ	130	U	130	UJ	130	UJ
	UG/KG	0	0%		0	0	58	130	UJ	130	U	130	UJ	130	UJ
enzene	UG/KG	0	0%		0	0	49								
	UG/KG	0	0%		0	0	58	130	UJ	130	U	130	UJ	130	UJ
	UG/KG	0	0%		0	0	58	130	UJ	130	U	130	UJ	130	UJ
CIDES/PCBS															
DD	UG/KG	90	22%	10	8	13	58	7.9	UJ	9.1	J	9	J	14	UJ
DE	UG/KG	86	33%	10	5	19	58	7.9	UJ	9.8	J	4	J	14	UJ
DT	UG/KG	45	28%	10	5	16	58	7.9	UJ	5.2	U	9.7	UJ	14	UJ
	UG/KG	2.8	5%	100	0	3	58	4	UJ	2.7	U	2.5	J	7.1	UJ
-BHC	UG/KG	0	0%		0	0	58	4	UJ	2.7	U	5	UJ	7.1	UJ
-Chlordane	UG/KG	44	14%		0	8	58	4	UJ	7.5	J	12	J	18	J
r-1016	UG/KG	0	0%		0	0	58	79	UJ	52	U	97	UJ	140	UJ
r-1221	UG/KG	0	0%		0	0	58	160	UJ	110	U	200	UJ	280	UJ
r-1232	UG/KG	0	0%		0	0	58	79	UJ	52	U	97	UJ	140	UJ
r-1242	UG/KG	0	0%		0	0	58	79	UJ	52	U	97	UJ	140	UJ
r-1248	UG/KG	0	0%		0	0	58	79	UJ	52	U	97	UJ	140	UJ
r-1254	UG/KG	580	45%	0.8	26	26	58	79	UJ	53		430	J	74	J
r-1260	UG/KG	250	16%	0.8	9	9	58	79	UJ	46	J	230	J	140	UJ
BHC	UG/KG	3.3	7%		0	4	58	4	UJ	2.7	U	5	UJ	7.1	UJ
BHC	UG/KG	0	0%		0	0	58	4	UJ	2.7	U	5	UJ	7.1	UJ
n	UG/KG	18	7%	100	0	4	58	7.9	UJ	5.2	U	4.6	J	14	UJ
ulfan I	UG/KG	1.9	2%	30	0	1	58	4	UJ	2.7	U	5	UJ	7.1	UJ
ulfan II	UG/KG	6.8	3%	30	0	2	58	7.9	UJ	5.2	U	9.7	UJ	14	UJ
ulfan sulfate	UG/KG	12	9%		0	5	58	7.9	UJ	5.2	U	9.7	UJ	14	UJ
	UG/KG	0	0%	800	0	0	58	7.9	UJ	5.2	U	9.7	UJ	14	UJ
aldehyde	UG/KG	15	12%		0	7	58	7.9	UJ	3.2	J	11	J	14	UJ
ketone	UG/KG	62	7%		0	4	58	7.9	UJ	5.2	U	9.7	UJ	14	UJ
na-BHC/Lindane	UG/KG	0	0%		0	0	58	4	UJ	2.7	U	5	UJ	7.1	UJ
na-Chlordane	UG/KG	40	17%		0	10	58	4	UJ	6.8	J	11	J	12	J
chlor	UG/KG	2.4	2%	0.8	1	1	58	4	UJ	2.7	U	5	UJ	7.1	UJ
chlor epoxide	UG/KG	10	10%	0.8	6	6	58	4	UJ	2.7	U	5	UJ	7.1	UJ
xychlor	UG/KG	68	3%		0	2	58	40	UJ	27	U	50	UJ	71	UJ
hene	UG/KG	0	0%		0	0	58	400	UJ	270	U	500	UJ	710	UJ

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Sediment Sample Results

ANALYTE	UNIT	MAX	FREQUENCY	NYS CRITERIA	NUMBER ABOVE TAGM	NUMBER OF DETECTS	NUMBER OF ANALYSES	SEAD-4 SD4-6 SEDIMENT SD4-6 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-7 SEDIMENT SD4-7 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-8 SEDIMENT SD4-8 0 0.5 12/14/1993 SA ESI N		SEAD-4 SD4-9 SEDIMENT SD4-9 0 0.5 12/14/1993 SA ESI N	
ATILES															
6-T	UG/KG	21	11%		0	1	9	12	UJ	8	U	15	UJ	21	UJ
6-TP/Silvex	UG/KG	0	0%		0	0	9	12	UJ	8	U	15	UJ	21	UJ
D	UG/KG	0	0%		0	0	9	120	UJ	80	U	150	UJ	210	UJ
DB	UG/KG	0	0%		0	0	9	120	UJ	80	U	150	UJ	210	UJ
pon	UG/KG	0	0%		0	0	9	290	UJ	190	U	360	UJ	500	UJ
mba	UG/KG	0	0%		0	0	9	12	UJ	8	U	15	UJ	21	UJ
loroprop	UG/KG	0	0%		0	0	9	120	UJ	80	U	150	UJ	210	UJ
seb	UG/KG	0	0%		0	0	9	60	UJ	40	U	74	UJ	110	UJ
PA	UG/KG	0	0%		0	0	9	12000	UJ	8000	U	15000	UJ	21000	UJ
PP	UG/KG	0	0%		0	0	9	12000	UJ	8000	U	15000	UJ	21000	UJ
TALS															
minum	MG/KG	22100	100%		0	58	58	16500	J	9720		13000	J	10200	J
mony	MG/KG	82.7	53%	2	20	31	58	82.7	J	36.2	J	14.1	J	14.9	UJ
nic	MG/KG	37.7	98%	6	19	57	58	5.6	J	5.9		4.9	J	8	J
um	MG/KG	488	100%		0	58	58	120	J	311		121	J	150	J
llium	MG/KG	1.1	100%		0	58	58	0.82	J	0.91	J	0.87	J	0.66	J
mium	MG/KG	34.1	47%	0.6	24	27	58	0.78	UJ	34.1		8.3	J	8.6	J
ium	MG/KG	140000	100%		0	58	58	7720	J	127000		15500	J	33700	J
omium	MG/KG	4800	100%	26	28	58	58	4170	J	61.3		49.7	J	29.9	J
alt	MG/KG	28.4	100%		0	58	58	11.3	J	14	J	12.2	J	11.6	J
per	MG/KG	2640	100%	16	55	58	58	497	J	112		151	J	94	J
nide	MG/KG	0	0%		0	0	58	1.2	UJ	0.75	U	1.5	UJ	1.9	UJ
	MG/KG	87900	100%	20000	45	58	58	30200	J	23300		24700	J	27000	J
d	MG/KG	374	95%	31	35	55	58	30.7	JR	254		374	J	117	J
nesium	MG/KG	27900	100%		0	58	58	4420	J	4220		5080	J	4980	J
ganese	MG/KG	5480	100%	460	28	58	58	525	J	1790		274	J	381	J
cury	MG/KG	2.4	59%	0.15	16	34	58	0.55	J	0.55		0.52	J	0.77	J
el	MG/KG	453	100%	16	58	58	58	27	J	28.7		42.4	J	33.9	J
ssium	MG/KG	3460	100%		0	58	58	1660	J	1370	J	1750	J	1690	J
nium	MG/KG	6.1	41%		0	24	58	0.58	J	2.1		2.2	J	2.5	J
er	MG/KG	1.7	45%	1	4	26	58	1.7	J	1.2	U	1.9	UJ	2.9	UJ
ium	MG/KG	1370	64%		0	37	58	96.3	J	575	J	183	J	225	J
llium	MG/KG	0	0%		0	0	58	0.55	UJ	0.35	U	0.54	UJ	0.83	UJ
adium	MG/KG	1140	100%		0	58	58	35.1	J	29.6		49.9	J	29.1	J
	MG/KG	1150	100%	120	41	58	58	330	J	685		484	J	363	J

Ash Landfill Treatability Study Groundwater Chemical Data

Table 2
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Sampling - Round 1

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LAN
			MWT-1		MWT-10		MWT-11		MWT-2		MWT-3		MWT-4
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND
			TR2002		TR2001		TR2000		TR2008		TR2007		TR2004
			8		7		8		11.3		8		1
			8		7		8		11.3		8		1
		NYSDEC	4/26/1999		4/26/1999		4/26/1999		4/28/1999		4/27/1999		4/26/199
		CLASS GA	SA		SA		SA		SA		SA		SA
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRE
Volatile Organic Compounds			N		N		N		N		N		N
1,1,1-Trichloroethane	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,1,2,2-Tetrachloroethane	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,1,2-Trichloroethane	UG/L		4	U	1	U	1	U	1	U	2	U	
1,1-Dichloroethane	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,1-Dichloroethene	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,2,4-Trichlorobenzene	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,2-Dibromo-3-chloropropane	UG/L		4	U	1	U	1	U	1	U	2	U	
1,2-Dibromoethane	UG/L		4	U	1	U	1	U	1	U	2	U	
1,2-Dichlorobenzene	UG/L	4.7	4	U	1	U	1	U	1	U	2	U	
1,2-Dichloroethane	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,2-Dichloropropane	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,3-Dichlorobenzene	UG/L	5	4	U	1	U	1	U	1	U	2	U	
1,4-Dichlorobenzene	UG/L	4.7	4	U	1	U	1	U	1	U	2	U	
Acetone	UG/L		20	U	5	U	5	U	6		8	U	1
Benzene	UG/L	0.7	4	U	0.7	J	1	U	0.7	J	0.4	J	
Bromochloromethane	UG/L		4	U	1	U	1	U	1	U	2	U	
Bromodichloromethane	UG/L		4	U	1	U	1	U	1	U	2	U	
Bromoform	UG/L		4	U	1	U	1	U	1	U	2	U	
Carbon disulfide	UG/L		4	U	1	U	1	U	1		2	U	
Carbon tetrachloride	UG/L	5	4	U	1	U	1	U	1	U	2	U	
Chlorobenzene	UG/L	5	4	U	1	U	1	U	1	U	2	U	
Chlorodibromomethane	UG/L		4	U	1	U	1	U	1	U	2	U	
Chloroethane	UG/L	5	4	UJ	1	UJ	1	UJ	1	U	2	UJ	
Chloroform	UG/L	7	4	U	1	U	1	U	1	U	2	U	
Cis-1,2-Dichloroethene	UG/L	5	73		6		1	U	27		27		4
Cis-1,3-Dichloropropene	UG/L	5	4	U	1	U	1	U	1	U	2	U	
Ethyl benzene	UG/L	5	4	U	1	U	1	U	1	U	2	U	
Methyl bromide	UG/L		4	U	1	U	1	U	1	U	2	U	
Methyl butyl ketone	UG/L		20	U	5	U	5	U	5	U	8	U	1
Methyl chloride	UG/L	5	4	UJ	1	UJ	1	UJ	1	U	2	UJ	

Table 2
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Sampling - Round 1

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LAND
			MWT-1		MWT-10		MWT-11		MWT-2		MWT-3		MWT-4
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND W
			TR2002		TR2001		TR2000		TR2008		TR2007		TR2004
			8		7		8		11.3		8		10
			8		7		8		11.3		8		10
		NYSDEC	4/26/1999		4/26/1999		4/26/1999		4/28/1999		4/27/1999		4/26/1999
		CLASS GA	SA		SA		SA		SA		SA		SA
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENC
ethyl ethyl ketone	UG/L	50	20	U	5	U	5	U	5	U	8	U	14
ethyl isobutyl ketone	UG/L		20	U	5	U	5	U	5	U	8	U	14
ethylene chloride	UG/L	5	8	U	2	U	2	U	2	U	3	U	6
rene	UG/L		4	U	1	U	1	U	1	U	2	U	3
trachloroethene	UG/L	5	4	U	1	U	1	U	1	U	2	U	3
luene	UG/L	5	4	U	1	U	1	U	0.7	J	2	U	3
tal Xylenes	UG/L	5	4	U	1	U	1	U	1	U	2	U	3
ans-1,2-Dichloroethene	UG/L	5	4	U	1	U	1	U	1	U	2	U	3
ans-1,3-Dichloropropene	UG/L	5	4	U	1	U	1	U	1	U	2	U	3
ichloroethene	UG/L	5	23		1	U	1	U	1		1	J	2
nyl chloride	UG/L	2	4	U	1	U	1	U	1	U	2	U	3
etals													
lcium	UG/L		122000		49900		102000		264000		58000		118000
n	UG/L	300	403	J	13100	J	54.6	J	523000	J	3600	J	983
agnesium	UG/L		13800		10600		12800		60800		13000		14300
anganese	UG/L	300	13.2	J	191		78		6260		611		37.1
tassium	UG/L		1460	J	1520	J	5600		15100		1900	J	1860
ethane	UG/L		1.2	U	4.5		4.1		20		7.1		1.2
hane	UG/L		2.1	U	6.8		2.1	U	8.3		7.8		2.1
hene	UG/L		2.5	U	2.5	U	2.5	U	8.8		9.3		2.5
lfate	MG/L		91.1		51.7		49.7		82		84.2		106
trate	MG/L		0.3		<0.2		0.3		<0.2		<0.2		0.3
loride	MG/L		15.2		11.5		11.5		15		15.6		21.5
DS	MG/L		438		206		366		269		252		441
			7.19		7.54		7.26		7.83		7.41		7.16
kalinity	MG/L		266		113		280		378		107		238
osphate	MG/L		0.01		0.03		0.01		0.44		0.04		0.04

Table 2
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Sampling - Round 1

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LAND
			MWT-5		MWT-6		MWT-6		MWT-7		MWT-8		MWT-9
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND
			TR2009		TR2011		TR2006		TR2003		TR2010		TR2005
			11.1		10.5		10.5		11.5		11.58		12.14
			11.1		10.5		10.5		11.5		11.58		12.14
		NYSDEC	4/28/1999		4/28/1999		4/28/1999		4/27/1999		4/28/1999		4/27/1999
		CLASS GA	SA		DU		SA		SA		SA		SA
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TREN
olatile Organic Compounds			N		N		N		N		N		N
1,1-Trichloroethane	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
1,2,2-Tetrachloroethane	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
1,2-Trichloroethane	UG/L		1	U	1	U	1	U	22	U	1	U	2
1-Dichloroethane	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
1-Dichloroethene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
2,4-Trichlorobenzene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
2-Dibromo-3-chloropropane	UG/L		1	U	1	U	1	U	22	U	1	U	2
2-Dibromoethane	UG/L		1	U	1	U	1	U	22	U	1	U	2
2-Dichlorobenzene	UG/L	4.7	1	U	1	U	1	U	22	U	1	U	2
2-Dichloroethane	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
2-Dichloropropane	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
3-Dichlorobenzene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
4-Dichlorobenzene	UG/L	4.7	1	U	1	U	1	U	22	U	1	U	2
cetone	UG/L		7		6		5		110	U	16		11
enzene	UG/L	0.7	0.9	J	0.7	J	0.7	J	22	U	1	U	2
romochloromethane	UG/L		1	U	1	U	1	U	22	U	1	U	2
romodichloromethane	UG/L		1	U	1	U	1	U	22	U	1	U	2
romoform	UG/L		1	U	1	U	1	U	22	U	1	U	2
arbon disulfide	UG/L		1	U	1	U	1	U	22	U	1	U	2
arbon tetrachloride	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
hlorobenzene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
hlorodibromomethane	UG/L		1	U	1	U	1	U	22	U	1	U	2
hloroethane	UG/L	5	1	U	1	U	1	U	22	UJ	1	U	2
hloroform	UG/L	7	1	U	1	U	1	U	22	U	1	U	2
is-1,2-Dichloroethene	UG/L	5	0.7	J	3		3		20	J	1	U	32
is-1,3-Dichloropropene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
hyl benzene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
ethyl bromide	UG/L		1	U	1	U	1	U	22	U	1	U	2
ethyl butyl ketone	UG/L		5	U	5	U	5	U	110	U	5	U	11
ethyl chloride	UG/L	5	1	U	1	U	1	U	22	UJ	1	U	2

Table 2
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Sampling - Round 1

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LAND
			MWT-5		MWT-6		MWT-6		MWT-7		MWT-8		MWT-9
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND
			TR2009		TR2011		TR2006		TR2003		TR2010		TR2005
			11.1		10.5		10.5		11.5		11.58		12.14
			11.1		10.5		10.5		11.5		11.58		12.14
		NYSDEC	4/28/1999		4/28/1999		4/28/1999		4/27/1999		4/28/1999		4/27/1999
		CLASS GA	SA		DU		SA		SA		SA		SA
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TREN
lethyl ethyl ketone	UG/L	50	5	U	5	U	5	U	110	U	5	U	11
lethyl isobutyl ketone	UG/L		5	U	5	U	5	U	110	U	5	U	11
lethylene chloride	UG/L	5	2	U	2	U	2	U	44	U	2	U	4
tyrene	UG/L		1	U	1	U	1	U	22	U	1	U	2
etrachloroethene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
oluene	UG/L	5	0.3	J	1	U	1	U	22	U	1	U	2
otal Xylenes	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
rans-1.2-Dichloroethene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
rans-1.3-Dichloropropene	UG/L	5	1	U	1	U	1	U	22	U	1	U	2
richloroethene	UG/L	5	1	U	1	U	1	U	430		1	U	43
inyl chloride	UG/L	2	1	U	1	U	1	U	22	U	1	U	2
letals													
alcium	UG/L		177000		44000		43800		122000		40200		36200
on	UG/L	300	548000	J	392	J	244	J	228	J	37300	J	1010
lagnesium	UG/L		74400		4970	J	4920	J	14300		9830		9520
anganese	UG/L	300	5010		169		170		22.5		416		444
otassium	UG/L		14200		2080	J	1910	J	2030	J	6250		1600
lethane	UG/L		14		9.4		1.2	U	3.6		13		6.9
thane	UG/L		12		13		2.1	U	2.1	U	13		14
thene	UG/L		8.7		8.7		2.5	U	2.5	U	8		12
ulfate	MG/L		107		108		113		74.2		61.6		47.2
itrate	MG/L		<0.2		<0.2		<0.2		0.4		<0.2		<0.2
hloride	MG/L		23.4		24.6		25.2		8.7		7.6		8.3
DS	MG/L		219		219		219		433		145		174
H			9.14		8.81		8.72		7.17		9.74		7.84
lkalinity	MG/L		378		23		22		304		378		97
nosphate	MG/L		0.06		0.05		0.05		0.02		0.26		0.03

Table 3
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 2

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDF
			MWT-1		MWT-10		MWT-11		MWT-2		MWT-3		MWT-4
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND W
			TR2023		TR2020		TR2029		TR2021		TR2022		TR2025
			8.1		7		9.5		8		8		10
			8.1		7		9.5		8		8		10
		NYSDEC	6/29/1999		6/29/1999		6/29/1999		6/29/1999		6/29/1999		6/29/1999
		CLASS GA	SA		SA		SA		SA		SA		SA
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENC
atile Organic Compounds			N		N		N		N		N		N
1-Trichloroethane	UG/L	5	2	UJ	1	UJ	1	UJ	1	UJ	1	UJ	4
2,2-Tetrachloroethane	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
2-Trichloroethane	UG/L		2	U	1	U	1	U	1	U	1	U	4
Dichloroethane	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
Dichloroethene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
4-Trichlorobenzene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
Dibromo-3-chloropropane	UG/L		2	U	1	U	1	U	1	U	1	U	4
Dibromoethane	UG/L		2	U	1	U	1	U	1	U	1	U	4
Dichlorobenzene	UG/L	4.7	2	U	1	U	1	U	1	U	1	U	4
Dichloroethane	UG/L	5	2	UJ	1	UJ	1	UJ	1	UJ	1	UJ	4
Dichloropropane	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
Dichlorobenzene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
Dichlorobenzene	UG/L	4.7	2	U	1	U	1	U	1	U	1	U	4
tone	UG/L		4	J	3	J	5	U	5		3	J	14
zene	UG/L	0.7	2	U	0.9	J	1	U	0.6	J	1	U	4
mochloromethane	UG/L		2	U	1	U	1	U	1	U	1	U	4
modichloromethane	UG/L		2	U	1	U	1	U	1	U	1	U	4
moform	UG/L		2	U	1	U	1	U	1	U	1	U	4
bon disulfide	UG/L		2	U	1	U	1	U	1	U	1	U	4
bon tetrachloride	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
orobenzene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
orodibromomethane	UG/L		2	U	1	U	1	U	1	U	1	U	4
oroethane	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
oroform	UG/L	7	2	U	1	U	1	U	1	U	1	U	4
1,2-Dichloroethene	UG/L	5	32		0.7	J	1	U	6		10		82
1,3-Dichloropropene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
yl benzene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4
hyl bromide	UG/L		2	U	1	U	1	U	1	U	1	U	4
hyl butyl ketone	UG/L		8	UJ	5	UJ	5	UJ	5	UJ	5	UJ	21
hyl chloride	UG/L	5	2	UJ	1	UJ	1	UJ	1	UJ	1	UJ	4

Table 3
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 2

			ASH LANDFILL MWT-1 GROUND WATER TR2023		ASH LANDFILL MWT-10 GROUND WATER TR2020		ASH LANDFILL MWT-11 GROUND WATER TR2029		ASH LANDFILL MWT-2 GROUND WATER TR2021		ASH LANDFILL MWT-3 GROUND WATER TR2022		ASH LANDF MWT-4 GROUND W TR2025	
			8.1		7		9.5		8		8		10	
			8.1		7		9.5		8		8		10	
		NYSDEC CLASS GA STANDARD	6/29/1999 SA ASH TRENCH		6/29/1999 SA ASH TRENCH		6/29/1999 SA ASH TRENCH		6/29/1999 SA ASH TRENCH		6/29/1999 SA ASH TRENCH		6/29/1999 SA ASH TRENC	
thyl ethyl ketone	UG/L	50	8	U	14		5	U	7		5		21	U
thyl isobutyl ketone	UG/L		8	U	5	U	5	U	5	U	5	U	21	U
thylene chloride	UG/L	5	3	U	2	U	2	U	2	U	2	U	8	U
rene	UG/L		2	U	1	U	1	U	1	U	1	U	4	U
rachloroethene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4	U
uene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4	U
al Xylenes	UG/L	5	2	U	1	U	1	U	1	U	1	U	4	U
ns-1,2-Dichloroethene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4	U
ns-1,3-Dichloropropene	UG/L	5	2	U	1	U	1	U	1	U	1	U	4	U
chloroethene	UG/L	5	8		1	U	1	U	1	U	0.8	J	2	J
yl chloride	UG/L	2	2	U	1	U	1	U	1	U	1	U	4	U
tals														
cium	UG/L		120000		22700		107000		16300		47700		158000	
n	UG/L	300	133		1620		553		14100		3190		21	J
gnesium	UG/L		13000		6500		16500		6080		6820		18300	
nganese	UG/L	300	31		44.6		115		165		467		5.2	J
assium	UG/L		1590	J	1290	J	12300		1580	J	2750	J	1880	J
thane	UG/L		14		63		5.4		310		180		1.2	U
ane	UG/L		2.1	U	10		2.1	U	12		9.5		2.1	U
ene	UG/L		2.5	U	2.5	U	2.5	U	10		2.5	U	2.5	U
fate	MG/L		60.1		0.7		60.5		5.8		31.9		163	
rate	MG/L		<0.2		<0.2		<0.2		<0.2		<0.2		0.3	
oride	MG/L		12.7		8		13.8		11.1		12.8		31.7	
S	MG/L		392	J	113	J	405	J	85	J	223	J	577	J
			7.19		8.43		7.36		9.1		7.68		7.14	
kalinity	MG/L		264		65		280		48		140		240	
osphate	MG/L		<0.01		0.02		0.03		0.17		0.11		<0.01	

Table 3
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 2

			ASH LANDFILL MWT-5 GROUND WATER TR2024 10 10 6/29/1999 SA ASH TRENCH		ASH LANDFILL MWT-6 GROUND WATER TR2028 10 10 6/29/1999 SA ASH TRENCH		ASH LANDFILL MWT-7 GROUND WATER TR2026 10 10 6/29/1999 SA ASH TRENCH		ASH LANDFILL MWT-8 GROUND WATER TR2030 10 10 6/29/1999 SA ASH TRENCH		ASH LANDFILL MWT-9 GROUND WATER TR2027 12 12 6/29/1999 SA ASH TRENCH	
		NYSDEC CLASS GA STANDARD										
Volatile Organic Compounds			N		N		N		N		N	
1,1,1-Trichloroethane	UG/L	5	1	UJ	1	UJ	31	UJ	2	UJ	8	UJ
1,1,2,2-Tetrachloroethane	UG/L	5	1	U	1	U	31	U	2	U	8	U
1,1,2-Trichloroethane	UG/L		1	U	1	U	31	U	2	U	8	U
1,1-Dichloroethane	UG/L	5	0.7	J	1	U	31	U	2	U	8	U
1,1-Dichloroethene	UG/L	5	1	U	1	U	31	U	2	U	8	U
1,2,4-Trichlorobenzene	UG/L	5	1	U	1	U	31	U	2	U	8	U
1,2-Dibromo-3-chloropropane	UG/L		1	U	1	U	31	U	2	U	8	U
1,2-Dibromoethane	UG/L		1	U	1	U	31	U	2	U	8	U
1,2-Dichlorobenzene	UG/L	4.7	1	U	1	U	31	U	2	U	8	U
1,2-Dichloroethane	UG/L	5	1	UJ	1	UJ	31	UJ	2	UJ	8	UJ
1,2-Dichloropropane	UG/L	5	1	U	1	U	31	U	2	U	8	U
1,3-Dichlorobenzene	UG/L	5	1	U	1	U	31	U	2	U	8	U
1,4-Dichlorobenzene	UG/L	4.7	1	U	1	U	31	U	2	U	8	U
Acetone	UG/L		3	J	3	J	140	J	4	J	24	J
Benzene	UG/L	0.7	0.8	J	0.7	J	31	U	2	U	8	U
Bromochloromethane	UG/L		1	U	1	U	31	U	2	U	8	U
Bromodichloromethane	UG/L		1	U	1	U	31	U	2	U	8	U
Bromoform	UG/L		1	U	1	U	31	U	2	U	8	U
Carbon disulfide	UG/L		1	U	1	U	31	U	2	U	8	U
Carbon tetrachloride	UG/L	5	1	U	1	U	31	U	2	U	8	U
Chlorobenzene	UG/L	5	1	U	1	U	31	U	2	U	8	U
Chlorodibromomethane	UG/L		1	U	1	U	31	U	2	U	8	U
Chloroethane	UG/L	5	1	U	1	U	31	U	2	U	8	U
Chloroform	UG/L	7	1	U	1	U	31	U	2	U	8	U
Cis-1,2-Dichloroethene	UG/L	5	20		17		32		42		150	
Cis-1,3-Dichloropropene	UG/L	5	1	U	1	U	31	U	2	U	8	U
Ethyl benzene	UG/L	5	1	U	1	U	31	U	2	U	8	U
Methyl bromide	UG/L		1	U	1	U	31	U	2	U	8	U
Methyl butyl ketone	UG/L		5	UJ	5	UJ	160	UJ	8	UJ	42	UJ
Methyl chloride	UG/L	5	1	UJ	1	UJ	31	UJ	2	UJ	8	UJ

Table 3
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 2

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL	
			MWT-5		MWT-6		MWT-7		MWT-8		MWT-9	
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
			TR2024		TR2028		TR2026		TR2030		TR2027	
			10		10		10		10		12	
			10		10		10		10		12	
		NYSDEC	6/29/1999		6/29/1999		6/29/1999		6/29/1999		6/29/1999	
		CLASS GA	SA		SA		SA		SA		SA	
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH	
Methyl ethyl ketone	UG/L	50	5	U	5	U	160	U	8	U	42	U
Methyl isobutyl ketone	UG/L		5	U	5	U	160	U	8	U	42	U
Methylene chloride	UG/L	5	2	U	2	U	63	U	3	U	17	U
Styrene	UG/L		1	U	1	U	31	U	2	U	8	U
Tetrachloroethene	UG/L	5	1	U	1	U	31	U	2	U	8	U
Toluene	UG/L	5	1	U	1	U	31	U	2	U	8	U
Total Xylenes	UG/L	5	1	U	1	U	31	U	2	U	8	U
Trans-1,2-Dichloroethene	UG/L	5	1	U	1	U	31	U	2	U	8	U
Trans-1,3-Dichloropropene	UG/L	5	1	U	1	U	31	U	2	U	8	U
Trichloroethene	UG/L	5	1	U	1	U	530	J	2	U	52	
Vinyl chloride	UG/L	2	1		0.7	J	31	U	1	J	8	U
Metals												
Calcium	UG/L		30500		39700		153000		23900		87200	
Iron	UG/L	300	207		145		58.2	J	1090		7800	
Magnesium	UG/L		15200		6270		17700		16300		17000	
Manganese	UG/L	300	49.8		240		17.7		97.9		1280	
Potassium	UG/L		1410	J	1780	J	1820	J	1430	J	1870	J
Methane	UG/L		41		1.2	U	5.8		6.2		18	
Ethane	UG/L		13		2.1	U	11		18		13	
Ethene	UG/L		16		2.5	U	18		20		16	
Sulfate	MG/L		95.1		86.2		124		88.6		103	
Nitrate	MG/L		<0.2		<0.2		0.6		<0.2		<0.2	
Chloride	MG/L		31.3		29.9		12.5		14.6		13.9	
TDS	MG/L		233	J	201	J	531	J	194	J	351	J
pH			9.5		8.6		7.06		9.22		7.34	
Alkalinity	MG/L		13		25		288		46		184	
Phosphate	MG/L		0.03		0.03		<.01		0.02		0.02	

Table 4
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 3

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDF
			MWT-1		MWT-11		MWT-10		MWT-2		MWT-3		MWT-4
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND W
			TR2040		TR2050		TR2049		TR2041		TR2042		TR2051
			9		0		8		8.5		9.1		0
			9		0		8		8.5		9.1		0
		NYSDEC	9/28/1999		9/29/1999		9/28/1999		9/28/1999		9/29/1999		9/29/1999
		CLASS GA	SA		SA		SA		SA		SA		DU
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENC
atile Organic Compounds			N		N		N		N		N		N
1-Trichloroethane	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
2,2-Tetrachloroethane	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
2-Trichloroethane	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
-Dichloroethane	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
-Dichloroethene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
4-Trichlorobenzene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
-Dibromo-3-chloropropane	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
-Dibromoethane	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
-Dichlorobenzene	UG/L	4.7	1	U	1	U	1	U	1	U	1	U	3 U
-Dichloroethane	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
-Dichloropropane	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
-Dichlorobenzene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
-Dichlorobenzene	UG/L	4.7	1	U	1	U	1	U	1	U	1	U	3 U
tone	UG/L		5	UJ	5	UJ	15	UJ	6	UJ	5	UJ	14 U
zene	UG/L	0.7	1	U	1	U	1		0.8	J	1	U	3 U
mochloromethane	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
modichloromethane	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
moform	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
bon disulfide	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
bon tetrachloride	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
orobenzene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
orodibromomethane	UG/L		1	U	1	U	1	U	1	U	1	U	3 U
oroethane	UG/L	5	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	3 U
oroform	UG/L	7	1	U	1	U	1	U	1	U	1	U	3 U
1,2-Dichloroethene	UG/L	5	6		1	U	1	U	0.6	J	2		39
1,3-Dichloropropene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
yl benzene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3 U
hyl bromide	UG/L		1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	3 U
hyl butyl ketone	UG/L		5	U	5	U	5	U	5	U	5	U	14 U
hyl chloride	UG/L	5	1	U	1	UJ	1	UJ	1	U	1	U	3 U

Table 4
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 3

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDF
			MWT-1		MWT-11		MWT-10		MWT-2		MWT-3		MWT-4
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND W
			TR2040		TR2050		TR2049		TR2041		TR2042		TR2051
			9		0		8		8.5		9.1		0
			9		0		8		8.5		9.1		0
		NYSDEC	9/28/1999		9/29/1999		9/28/1999		9/28/1999		9/29/1999		9/29/1999
		CLASS GA	SA		SA		SA		SA		SA		DU
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENC
ethyl ethyl ketone	UG/L	50	5	UJ	5	UJ	6	UJ	5	UJ	5	UJ	14
ethyl isobutyl ketone	UG/L		5	U	5	U	5	U	5	U	5	U	14
ethylene chloride	UG/L	5	2	U	2	U	2	U	2	U	2	U	6
rene	UG/L		1	U	1	U	1	U	1	U	1	U	3
trachloroethene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3
luene	UG/L	5	1	U	1	U	0.3	J	0.2	J	1	U	3
tal Xylenes	UG/L	5	1	U	1	U	1	U	1	U	1	U	3
ans-1,2-Dichloroethene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3
ans-1,3-Dichloropropene	UG/L	5	1	U	1	U	1	U	1	U	1	U	3
chloroethene	UG/L	5	2	U	1	U	1	U	1	U	1	U	3
nyl chloride	UG/L	2	1	U	1	U	1	U	1	U	1	U	3
etals													
lcium	UG/L		117000	J	149000	J	7610	J	20000	J	146000	J	90100
n	UG/L	300	906	J	4700	J	1170	J	1420		68500		117
gnesium	UG/L		12500		24900		1490	J	9260		25500		9610
anganese	UG/L	300	21.4		312		17.7		54.6		1780		21.8
tassium	UG/L		1960	J	17100		1200	J	3180	J	19900		1720
ethane	UG/L		110		2.1		2300		200		72		110
nane	UG/L		2.1	U	2.1	U	2.1		2.1	U	2.1	U	2.1
nene	UG/L		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5
lfate	MG/L		46.3		98		0.4		58.7		78.4		61.1
trate	MG/L		0.2		<0.2		<0.2		0.3		<0.2		0.2
loride	MG/L		10.9		14.5		8.4		11.2		11.9		26
DS	MG/L		332		547		38		121		321		275
			7.27		7.03		9.7		9.15		7.5		7.42
kalinity	MG/L		254		426		26		34		168		168
osphate	MG/L		0.06		13		0.05		0.09		0.05		0.01
rrous Iron	MG/L				2.55								0.1

Table 4
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 3

			ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDFILL		ASH LANDF
			MWT-4		MWT-4		MWT-4		MWT-5		MWT-6		MWT-7
			GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND W
			TR2043		TR2043MS		TR2043MSD		TR2044		TR2045		TR2046
			11		11		11		11		11.7		12.6
			11		11		11		11		11.7		12.6
		NYSDEC	9/29/1999		9/29/1999		9/29/1999		9/28/1999		9/29/1999		9/28/1999
		CLASS GA	SA		SA		SA		SA		SA		SA
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENC
atile Organic Compounds			N		N		N		N		N		N
1-Trichloroethane	UG/L	5	3	U	1	U	1	U	1	U	1	U	40 U
2,2-Tetrachloroethane	UG/L	5	3	U	1	U	1	U	1	U	1	U	40 U
2-Trichloroethane	UG/L		3	U	5		4		1	U	1	U	40 U
Dichloroethane	UG/L	5	3	U	1	U	1	U	0.5	J	0.4	J	40 U
Dichloroethene	UG/L	5	3	U	1	U	1	U	1	U	1	U	40 U
4-Trichlorobenzene	UG/L	5	3	U	5		5		1	U	1	U	40 U
Dibromo-3-chloropropane	UG/L		3	U	1	U	1	U	1	U	1	U	40 U
Dibromoethane	UG/L		3	U	5		5		1	U	1	U	40 U
Dichlorobenzene	UG/L	4.7	3	U	1	U	1	U	1	U	1	U	40 U
Dichloroethane	UG/L	5	3	U	5		5		1	U	1	U	40 U
Dichloropropane	UG/L	5	3	U	5		5		1	U	1	U	40 U
Dichlorobenzene	UG/L	5	3	U	1	U	1	U	1	U	1	U	40 U
Dichlorobenzene	UG/L	4.7	3	U	4		4		1	U	1	U	40 U
tone	UG/L		14	R	2	J	5	U	6	UJ	5	UJ	200 R
zene	UG/L	0.7	3	U	5		5		0.6	J	0.4	J	40 U
mochloromethane	UG/L		3	U	1	U	1	U	1	U	1	U	40 U
modichloromethane	UG/L		3	U	1	U	1	U	1	U	1	U	40 U
moform	UG/L		3	U	4		4		1	U	1	U	40 U
bon disulfide	UG/L		3	U	1	U	1	U	1	U	1	U	40 U
bon tetrachloride	UG/L	5	3	U	4		4		1	U	1	U	40 U
orobenzene	UG/L	5	3	U	1	U	1	U	1	U	1	U	40 U
orodibromomethane	UG/L		3	U	1	U	1	U	1	U	1	U	40 U
oroethane	UG/L	5	3	UJ	1	U	1	U	1	UJ	1	UJ	40 U
oroform	UG/L	7	3	U	1	U	1	U	1	U	1	U	40 U
-1,2-Dichloroethene	UG/L	5	40		14		14		5		11		25 J
-1,3-Dichloropropene	UG/L	5	3	U	5		4		1	U	1	U	40 U
yl benzene	UG/L	5	3	U	1	U	1	U	1	U	1	U	40 U
thyl bromide	UG/L		3	UJ	1	U	1	U	1	UJ	1	UJ	40 U
thyl butyl ketone	UG/L		14	U	5	U	5	U	5	U	5	U	200 U
thyl chloride	UG/L	5	3	UJ	1	U	1	U	1	U	1	UJ	40 U

Table 4
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 3

			ASH LANDFILL MWT-4 GROUND WATER TR2043		ASH LANDFILL MWT-4 GROUND WATER TR2043MS		ASH LANDFILL MWT-4 GROUND WATER TR2043MSD		ASH LANDFILL MWT-5 GROUND WATER TR2044		ASH LANDFILL MWT-6 GROUND WATER TR2045		ASH LANDF MWT-7 GROUND W TR2046	
			11		11		11		11		11.7		12.6	
			11		11		11		11		11.7		12.6	
		NYSDEC	9/29/1999		9/29/1999		9/29/1999		9/28/1999		9/29/1999		9/28/1999	
		CLASS GA	SA		SA		SA		SA		SA		SA	
		STANDARD	ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENCH		ASH TRENC	
thyl ethyl ketone	UG/L	50	14	UJ	5	U	5	U	5	UJ	5	UJ	200	U
thyl isobutyl ketone	UG/L		14	U	5	U	5	U	5	U	5	U	200	U
thylene chloride	UG/L	5	6	U	2	U	2	U	2	U	2	U	80	U
rene	UG/L		3	U	1	U	1	U	1	U	1	U	40	U
trachloroethene	UG/L	5	3	U	5		5		1	U	1	U	40	U
luene	UG/L	5	3	U	1	U	1	U	1	U	1	U	40	U
tal Xylenes	UG/L	5	3	U	1	U	1	U	1	U	1	U	40	U
ans-1,2-Dichloroethene	UG/L	5	3	U	1	U	1	U	1	U	1	U	40	U
ans-1,3-Dichloropropene	UG/L	5	3	U	1	U	1	U	1	U	1	U	40	U
chloroethene	UG/L	5	3	U	5		5		1	U	1	U	480	
nyl chloride	UG/L	2	3	U	4		4		1	U	1	U	40	U
etals														
lcium	UG/L		90100	J					11900	J	37100	J	158000	J
n	UG/L	300	92.6	J					565		1150	J	109	J
gnesium	UG/L		9810						6090		4990	J	17800	
nganese	UG/L	300	19.4						32.2		91.6		28.2	
tassium	UG/L		1750	J					1760	J	2480	J	2180	J
thane	UG/L		140						750		63		1.2	
ane	UG/L		2.1	U					2.3		2.1	U	2.1	U
ene	UG/L		2.5	U					4.2		2.5	U	2.5	U
fate	MG/L		54.2						25.9		46.5		111	
rate	MG/L		0.2						<0.2		<0.2		0.4	
loride	MG/L		25.3						18.1		19.2		14.1	
S	MG/L		268						84		149		536	
			7.5						9.56		7.81		7.18	
kalinity	MG/L		136						34		69		336	
sphate	MG/L		0.01						0.03		0.05		<.01	
rous Iron	MG/L										0.13			

Table 4
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 3

			ASH LANDFILL		ASH LANDFILL	
			MWT-8		MWT-9	
			GROUND WATER		GROUND WATER	
			TR2047		TR2048	
			11.8		13.5	
			11.8		13.5	
		NYSDEC	9/28/1999		9/29/1999	
		CLASS GA	SA		SA	
		STANDARD	ASH TRENCH		ASH TRENCH	
Volatile Organic Compounds			N		N	
1,1,1-Trichloroethane	UG/L	5	1	U	4	U
1,1.2.2-Tetrachloroethane	UG/L	5	1	U	4	U
1,1,2-Trichloroethane	UG/L		1	U	4	U
1,1-Dichloroethane	UG/L	5	1	U	4	U
1,1-Dichloroethene	UG/L	5	1	U	4	U
1,2,4-Trichlorobenzene	UG/L	5	1	U	4	U
1,2-Dibromo-3-chloropropane	UG/L		1	U	4	U
1.2-Dibromoethane	UG/L		1	U	4	U
1,2-Dichlorobenzene	UG/L	4.7	1	U	4	U
1,2-Dichloroethane	UG/L	5	1	U	4	U
1.2-Dichloropropane	UG/L	5	1	U	4	U
1,3-Dichlorobenzene	UG/L	5	1	U	4	U
1,4-Dichlorobenzene	UG/L	4.7	1	U	4	U
Acetone	UG/L		5	UJ	20	R
Benzene	UG/L	0.7	0.3	J	4	U
Bromochloromethane	UG/L		1	U	4	U
Bromodichloromethane	UG/L		1	U	4	U
Bromoform	UG/L		1	U	4	U
Carbon disulfide	UG/L		1	U	4	U
Carbon tetrachloride	UG/L	5	1	U	4	U
Chlorobenzene	UG/L	5	1	U	4	U
Chlorodibromomethane	UG/L		1	U	4	U
Chloroethane	UG/L	5	1	UJ	4	UJ
Chloroform	UG/L	7	1	U	4	U
Cis-1,2-Dichloroethene	UG/L	5	7		38	
Cis-1,3-Dichloropropene	UG/L	5	1	U	4	U
Ethyl benzene	UG/L	5	1	U	4	U
Methyl bromide	UG/L		1	UJ	4	UJ
Methyl butyl ketone	UG/L		5	U	20	U
Methyl chloride	UG/L	5	1	U	4	UJ

Table 4
Seneca Army Depot Activity
Ash Landfill Treatibility Study
Groundwater Analysis - Round 3

			ASH LANDFILL MWT-8 GROUND WATER TR2047 11.8 11.8 9/28/1999 SA ASH TRENCH		ASH LANDFILL MWT-9 GROUND WATER TR2048 13.5 13.5 9/29/1999 SA ASH TRENCH	
		NYSDEC CLASS GA STANDARD				
Methyl ethyl ketone	UG/L	50	9	UJ	20	UJ
Methyl isobutyl ketone	UG/L		5	U	20	U
Methylene chloride	UG/L	5	2	U	8	U
Styrene	UG/L		1	U	4	U
Tetrachloroethene	UG/L	5	1	U	4	U
Toluene	UG/L	5	1	U	4	U
Total Xylenes	UG/L	5	1	U	4	U
Trans-1.2-Dichloroethene	UG/L	5	1	U	4	U
Trans-1.3-Dichloropropene	UG/L	5	1	U	4	U
Trichloroethene	UG/L	5	1	U	56	
Vinyl chloride	UG/L	2	1	U	4	U
Metals						
Calcium	UG/L		13500	J	46700	J
Iron	UG/L	300	6590		889	J
Magnesium	UG/L		12600		11500	
Manganese	UG/L	300	120		538	
Potassium	UG/L		2020	J	2870	J
Methane	UG/L		74		120	
Ethane	UG/L		3.1		7.4	
Ethene	UG/L		8.8		15	
Sulfate	MG/L		48.5		44.6	
Nitrate	MG/L		<0.2		<0.2	
Chloride	MG/L		10.9		12.2	
TDS	MG/L		120		194	
pH			9.4		7.68	
Alkalinity	MG/L		50		132	
Phosphate	MG/L		0.04		0.03	
Ferrous Iron	MG/L				0.62	

SEAD-12 Soil Chemical Data

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70928		70928		70928		70928		70928		70928	
	LOC ID:	TP12-20		TP12-21A		TP12-21B		TP12-21C		TP12-14A		TP12-14B	
	SAMP_ID:	123000		123001		123002		123003		123004		123005	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		0.7		3		5.5		0.5		1.5	
	SAMP. DEPTH BOT:	0.5		0.7		3		5.5		0.5		1.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		30-Sep-98		30-Sep-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
2-Tetrachloroethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
-Trichloroethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ichloroethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ichloroethene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ichloroethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ichloroethene (total)	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ichloropropane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ne	UG/KG	12.	U	14.		12.	U	100.		11.	U	12.	U
ene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
odichloromethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
oform	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
on disulfide	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
on tetrachloride	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
obenzene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
odibromomethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
oethane	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
oform	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
3-Dichloropropene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
benzene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
l bromide	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
l butyl ketone	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
l chloride	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
l ethyl ketone	UG/KG	12.	U	11.	U	12.	U	35.		11.	U	12.	U
l isobutyl ketone	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ylene chloride	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ne	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
chloroethene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
ne	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
Xylenes	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
-1,3-Dichloropropene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
oroethene	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
chloride	UG/KG	12.	U	11.	U	12.	U	14.	U	11.	U	12.	U
-VOLATILES													
ichlorobenzene	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
ichlorobenzene	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
Trichlorophenol	UG/KG	190.	U	180.	U	190.	U	680.	U	190.	U	190.	U
Trichlorophenol	UG/KG	78.	U	74.	UJ	77.	UJ	280.	U	78.	UJ	78.	UJ
ichlorophenol	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
imethylphenol	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	U	78.	UJ
initrophenol	UG/KG	190.	U	180.	R	190.	R	680.	U	190.	R	190.	R
initrotoluene	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
initrotoluene	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
oronaphthalene	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
orophenol	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
hylphenol	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
oaniline	UG/KG	190.	U	180.	U	190.	U	680.	U	190.	U	190.	U
ophenol	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
ichlorobenzidine	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
oaniline	UG/KG	190.	U	180.	UJ	190.	UJ	680.	U	190.	UJ	190.	UJ
initro-2-methylphenol	UG/KG	190.	U	180.	UJ	190.	UJ	680.	U	190.	UJ	190.	UJ
mophenyl phenyl ether	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70928		70928		70928		70928		70928		70928	
	LOC ID:	TP12-20		TP12-21A		TP12-21B		TP12-21C		TP12-14A		TP12-14B	
	SAMP_ID:	123000		123001		123002		123003		123004		123005	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		0.7		3		5.5		0.5		1.5	
	SAMP. DEPTH BOT:	0.5		0.7		3		5.5		0.5		1.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		30-Sep-98		30-Sep-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
loro-3-methylphenol	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
loroaniline	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
lorophenyl phenyl ether	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
thylphenol	UG/KG	78.	U	74.	UJ	77.	UJ	280.	U	78.	UJ	78.	UJ
aphthene	UG/KG	78.	UJ	74.	UJ	77.	UJ	28.	J	78.	UJ	78.	UJ
aphthylene	UG/KG	78.	UJ	74.	UJ	4.4	J	21.	J	78.	UJ	78.	UJ
racene	UG/KG	78.	UJ	74.	UJ	4.2	J	74.	J	78.	UJ	78.	UJ
o(a)anthracene	UG/KG	6.7	J	74.	U	45.	J	760.		78.	U	78.	U
o(a)pyrene	UG/KG	9.8	J	74.	UJ	50.	J	1,000.	J	78.	UJ	78.	UJ
o(b)fluoranthene	UG/KG	13.	J	74.	UJ	58.	J	1,100.		5.6	J	78.	UJ
o(ghi)perylene	UG/KG	7.9	J	74.	U	42.	J	820.		78.	U	78.	U
o(k)fluoranthene	UG/KG	11.	J	74.	U	42.	J	1,100.		78.	U	78.	U
-Chloroethoxy)methane	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
-Chloroethyl)ether	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
-Chloroisopropyl)ether	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
-Ethylhexyl)phthalate	UG/KG	78.	U	74.	UJ	77.	UJ	280.	U	78.	UJ	78.	UJ
benzylphthalate	UG/KG	78.	U	74.	UJ	77.	UJ	280.	U	78.	UJ	78.	UJ
azole	UG/KG	78.	UJ	74.	UJ	77.	UJ	120.	J	78.	UJ	78.	UJ
sene	UG/KG	12.	J	74.	UJ	55.	J	1,000.	J	4.	J	78.	UJ
butylphthalate	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
octylphthalate	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
nz(a,h)anthracene	UG/KG	78.	U	74.	U	12.	J	300.		78.	U	78.	U
nzofuran	UG/KG	78.	UJ	74.	UJ	77.	UJ	16.	J	78.	UJ	78.	UJ
yl phthalate	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
thylphthalate	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
ranthene	UG/KG	15.	J	74.	UJ	71.	J	1,900.	J	5.2	J	78.	UJ
ene	UG/KG	78.	U	74.	U	77.	U	44.	J	78.	U	78.	U
chlorobutadiene	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
chlorocyclopentadiene	UG/KG	78.	U	74.	UJ	77.	UJ	280.	U	78.	UJ	78.	UJ
chloroethane	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
horone	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
rosodiphenylamine	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
rosodipropylamine	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
thalene	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
benzene	UG/KG	78.	UJ	74.	UJ	77.	UJ	280.	UJ	78.	UJ	78.	UJ
achlorophenol	UG/KG	190.	U	180.	UJ	190.	UJ	680.	U	190.	UJ	190.	UJ
nanthrene	UG/KG	8.8	J	74.	U	28.	J	680.		78.	U	78.	U
ol	UG/KG	78.	U	74.	U	77.	U	280.	U	78.	U	78.	U
ne	UG/KG	13.	J	74.	U	90.		1,500.		6.4	J	78.	U
TICIDES/PCBs													
DD	UG/KG	3.9	U	3.7	U	3.8	U	4.2	U	3.9	U	3.9	U
DE	UG/KG	3.9	U	3.7	U	3.8	U	4.2	U	3.9	U	3.9	U
DT	UG/KG	3.9	U	3.7	U	3.8	U	4.2	U	3.9	U	3.9	U
n	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
a-BHC	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
a-Chlordane	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
or-1016	UG/KG	39.	U	37.	U	38.	U	42.	U	39.	U	39.	U
or-1221	UG/KG	80.	U	75.	U	78.	U	86.	U	80.	U	79.	U
or-1232	UG/KG	39.	U	37.	U	38.	U	42.	U	39.	U	39.	U
or-1242	UG/KG	39.	U	37.	U	38.	U	42.	U	39.	U	39.	U
or-1248	UG/KG	39.	U	37.	U	38.	U	42.	U	39.	U	39.	U
or-1254	UG/KG	39.	U	37.	U	38.	U	42.	U	39.	U	39.	U
or-1260	UG/KG	39.	U	37.	U	38.	U	42.	U	39.	U	39.	U

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PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70928		70928		70928		70928		70928		70928	
	LOC ID:	TP12-20		TP12-21A		TP12-21B		TP12-21C		TP12-14A		TP12-14B	
	SAMP_ID:	123000		123001		123002		123003		123004		123005	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		0.7		3		5.5		0.5		1.5	
	SAMP. DEPTH BOT:	0.5		0.7		3		5.5		0.5		1.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		30-Sep-98		30-Sep-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
BHC	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
BHC	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
in	UG/KG	3.9	U	3.7	U	3.8	U	4.2	U	3.9	U	3.9	U
ulfan I	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
ulfan II	UG/KG	3.9	U	3.7	U	3.8	U	4.2	U	3.9	U	3.9	U
ulfan sulfate	UG/KG	3.9	U	3.7	U	3.8	U	3.	J	3.9	U	3.9	U
aldehyde	UG/KG	3.9	U	3.7	U	3.8	U	4.2	U	3.9	U	3.9	U
ketone	UG/KG	3.9	U	3.7	U	3.8	U	4.2	U	3.9	U	3.9	U
na-BHC/Lindane	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
na-Chlordane	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
chlor	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
chlor epoxide	UG/KG	2.	U	1.9	U	2.	U	2.2	U	2.	U	2.	U
xychlor	UG/KG	20.	U	19.	U	20.	U	22.	U	20.	U	20.	U
hene	UG/KG	200.	U	190.	U	200.	U	220.	U	200.	U	200.	U
LS													
num	MG/KG	10,300		15,800.		13,200.		12,100.		16,700.		15,600.	
ony	MG/KG	1.4	R	1.3	R	1.2	R	1.6	R	1.3	R	1.3	R
ic	MG/KG	3.4		4.9		5.5		4.1		3.8		4.	
m	MG/KG	109.		60.8		105.		73.8		55.9		52.5	
ium	MG/KG	.52	J	.64	J	.29	J	.46	J	.63	J	.58	J
ium	MG/KG	.07	U	.06	U	.06	U	.08	U	.06	U	.06	U
m	MG/KG	5,170.		3,730.		19,100.		18,000.		653.	J	415.	J
nium	MG/KG	14.		26.		21.		18.7		25.		23.9	
t	MG/KG	6.8	J	13.3		15.1		10.2	J	9.4	J	7.5	J
er	MG/KG	20.8		22.		29.8		24.7		24.6		23.7	
de	MG/KG	.61	U	.57	U	.59	U	.66	U	.61	U	.59	U
	MG/KG	19,100.	J	33,800.	J	30,300.	J	24,200.	J	31,400.	J	30,100.	J
	MG/KG	29.3		11.2		84.		25.4		10.7		11.9	
esium	MG/KG	2,680.		5,080.		5,220		6,110.		4,510.		3,900.	
anese	MG/KG	419.		512.		1,230.		492.		267.		223.	
ry	MG/KG	.08	J	.13	J	.2	J	.13	J	.05	UJ	.06	J
	MG/KG	16.6		38.3		32.6		28.8		29.6		26.9	
sium	MG/KG	880.	J	1,290.		1,420.		1,460.		1,140.		1,000.	J
ium	MG/KG	1.1	U	.97	U	.93	U	1.2	U	.96	U	.98	U
	MG/KG	.28	U	.25	U	.24	U	.31	U	.25	U	.26	U
m	MG/KG	59.1	UJ	53.	U	51.	U	64.4	U	52.8	U	53.7	U
um	MG/KG	1.2	U	1.6	J	1.1	U	1.3	U	1.1	U	1.1	U
dium	MG/KG	17.8		22.6		21.4		26.2		24.2		24.7	
	MG/KG	58.5		82.3		109.		120.		70.2		66.	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70928		70928		70928		70928		70928		70928	
	LOC ID:	TP12-14C		MW12-10		MW12-10		MW12-10		MW12-11		MW12-11	
	SAMP_ID:	123006		123007		123008		123009		123010		123011	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	2		0		4		8		0		4	
	SAMP. DEPTH BOT:	2		0.2		5.7		9.8		0.2		5.6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
TILES													
Trichloroethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
2-Tetrachloroethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
Trichloroethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
chloroethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
chloroethene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
chloroethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
chloroethene (total)	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
chloropropane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
ne	UG/KG	11.	U	11.	U	3.	J	4.	J	11.	U	4.	J
ene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
odichloromethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
oform	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
n disulfide	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
n tetrachloride	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
obenzene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
odibromomethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
oethane	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
oform	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
3-Dichloropropene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
benzene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
l bromide	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
l butyl ketone	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
l chloride	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
l ethyl ketone	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
l isobutyl ketone	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
lene chloride	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
ne	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
chloroethene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
ne	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
Xylenes	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
-1,3-Dichloropropene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
proethene	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
chloride	UG/KG	11.	U	11.	U	11.	U	12.	U	11.	U	11.	U
-VOLATILES													
chlorobenzene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
chlorobenzene	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
Trichlorophenol	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	180.	U
Trichlorophenol	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
chlorophenol	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
methylphenol	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
nitrophenol	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	180.	U
nitrotoluene	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
nitrotoluene	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
bronaphthalene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
brophenol	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
hylphenol	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
baniline	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	180.	U
ophenol	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
ichlorobenzidine	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
baniline	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	180.	UJ
nitro-2-methylphenol	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	180.	U
mophenyl phenyl ether	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG.	70928		70928		70928		70928		70928		70928	
	LOC ID:	TP12-14C		MW12-10		MW12-10		MW12-10		MW12-11		MW12-11	
	SAMP_ID:	123006		123007		123008		123009		123010		123011	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	2		0		4		8		0		4	
	SAMP. DEPTH BOT:	2		0.2		5.7		9.8		0.2		5.6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ro-3-methylphenol	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
roaniline	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
rophenyl phenyl ether	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
ylphenol	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
phthene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
phthylene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
cene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
(a)anthracene	UG/KG	73.	U	77.	U	73.	UJ	74.	U	72.	U	72.	U
(a)pyrene	UG/KG	5.8	J	77.	UJ	73.	U	74.	UJ	72.	UJ	72.	UJ
(b)fluoranthene	UG/KG	6.6	J	77.	U	73.	UJ	74.	U	72.	U	72.	U
(ghi)perylene	UG/KG	6.2	J	77.	U	73.	U	74.	U	72.	U	72.	U
(k)fluoranthene	UG/KG	5.9	J	77.	U	73.	U	74.	U	72.	U	72.	U
Chloroethoxy)methane	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
Chloroethyl)ether	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
Chloroisopropyl)ether	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
Ethylhexyl)phthalate	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
enzylphthalate	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
zole	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
ene	UG/KG	5.1	J	4.3	J	73.	UJ	74.	UJ	72.	UJ	72.	UJ
utylphthalate	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
ctylphthalate	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
z(a,h)anthracene	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
zofuran	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
l phthalate	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
ylphthalate	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
nthene	UG/KG	4.9	J	5.5	J	73.	UJ	74.	UJ	72.	UJ	72.	UJ
ne	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
hlorobutadiene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
hlorocyclopentadiene	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
hloroethane	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
rone	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
sodiphenylamine	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
sodipropylamine	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
halene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
enzene	UG/KG	73.	UJ	77.	UJ	73.	UJ	74.	UJ	72.	UJ	72.	UJ
chlorophenol	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	180.	R
nthrene	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
l	UG/KG	73.	U	77.	U	73.	U	74.	U	72.	U	72.	U
e	UG/KG	4.9	J	4.2	J	73.	U	74.	U	72.	U	72.	U
CIDES/PCBs													
DD	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
DE	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
DT	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
-BHC	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
-Chlordane	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
r-1016	UG/KG	37.	U	38.	U	37.	U	37.	U	36.	U	36.	U
r-1221	UG/KG	74.	U	78.	U	74.	U	75.	U	74.	U	73.	U
r-1232	UG/KG	37.	U	38.	U	37.	U	37.	U	36.	U	36.	U
r-1242	UG/KG	37.	U	38.	U	37.	U	37.	U	36.	U	36.	U
r-1248	UG/KG	37.	U	38.	U	37.	U	37.	U	36.	U	36.	U
r-1254	UG/KG	37.	U	38.	U	37.	U	37.	U	36.	U	36.	U
r-1260	UG/KG	37.	U	38.	U	37.	U	37.	U	36.	U	36.	U

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PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70928		70928		70928		70928		70928		70928	
	LOC ID:	TP12-14C		MW12-10		MW12-10		MW12-10		MW12-11		MW12-11	
	SAMP_ID:	123006		123007		123008		123009		123010		123011	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	2		0		4		8		0		4	
	SAMP. DEPTH BOT:	2		0.2		5.7		9.8		0.2		5.6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98		29-Sep-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-BHC	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
-BHC	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
rin	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
sulfan I	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
sulfan II	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
sulfan sulfate	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
n aldehyde	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
n ketone	UG/KG	3.7	U	3.8	U	3.7	U	3.7	U	3.6	U	3.6	U
ma-BHC/Lindane	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
ma-Chlordane	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
achlor	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
achlor epoxide	UG/KG	1.9	U	2.	U	1.9	U	1.9	U	1.9	U	1.9	U
oxychlor	UG/KG	19.	U	20.	U	19.	U	19.	U	19.	U	19.	U
phene	UG/KG	190.	U	200.	U	190.	U	190.	U	190.	U	190.	U
ALS													
inum	MG/KG	13,000.		10,100.		8,370.		7,210.		10,600.		10,900.	
hony	MG/KG	1.1	R	1.1	R	1.3	R	1.2	R	1.1	R	1.	R
nic	MG/KG	2.7		3.5		3.5		3.4		4.		2.9	
m	MG/KG	47.		64.5		63.9		68.7		50.3		55.	
lium	MG/KG	.41	J	.38	J	.31	J	.27	J	.39	J	.44	J
nium	MG/KG	.05	U	.06	U	.06	U	.06	U	.05	U	.05	U
um	MG/KG	430.	J	46,500.		83,200.		73,900.		1,230.		46,100.	
mium	MG/KG	16.4		15.2		13.9		12.4		14.4		20.4	
lt	MG/KG	8.7		8.9	J	7.7	J	7.	J	8.2	J	12.9	
er	MG/KG	12.9		20.1		20.3		20.5		14.9		33.7	
ide	MG/KG	.56	U	.58	U	.55	U	.6	U	.56	U	.53	U
	MG/KG	22,200.	J	20,800.	J	19,100.	J	18,100.	J	19,700.	J	27,000.	J
	MG/KG	10.4		11.4		7.3		6.6		13.1		16.	
nesium	MG/KG	2,970.		9,420.		13,200.		17,200.		3,150.		9,010.	
ganese	MG/KG	371.		478.		408.		364.		327.		383.	
ury	MG/KG	.05	UJ	.11	J	.05	UJ	.06	UJ	.05	UJ	.05	UJ
l	MG/KG	18.		24.		23.2		20.3		17.6		44.	
ssium	MG/KG	745.	J	1,190.		1,270.		1,250.		925.		1,240.	
nium	MG/KG	.8	U	.86	U	.95	U	.92	U	.83	U	.76	U
r	MG/KG	.21	U	.22	U	.25	U	.24	U	.22	U	.2	U
um	MG/KG	43.6	U	47.	U	96.5	J	84.9	J	45.7	U	81.8	J
ium	MG/KG	.9	U	.97	U	1.1	U	1.	U	.94	U	.86	U
dium	MG/KG	20.7		17.6		14.7		13.1		18.3		16.5	
	MG/KG	48.6		50.1		50.3		51.6		45.		94.9	

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PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70928		70928		70928		70928		70928		70928	
	LOC ID:	MW12-11		MW12-12		MW12-12		MW12-12		TP12-20A		TP12-20B	
	SAMP_ID:	123012		123013		123014		123015		123019		123020	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8		0		4		9		0.5		2.5	
	SAMP. DEPTH BOT:	10		0.2		6		11		0.5		2.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	29-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
TILES													
richloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
-Tetrachloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	UJ	11.	U
richloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
chloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
chloroethene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
chloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
chloroethene (total)	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
chloropropane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
e	UG/KG	4.	J	12.	U	12.	U	12.	U	12.	U	11.	U
ne	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
dichloromethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
form	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	UJ	11.	U
n disulfide	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
n tetrachloride	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
benzene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	UJ	11.	U
dibromomethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
form	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
-Dichloropropene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
enzene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	UJ	11.	U
bromide	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
butyl ketone	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
chloride	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl ketone	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
isobutyl ketone	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ene chloride	UG/KG	11.	U	1.	J	12.	U	12.	U	12.	U	11.	U
e	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	UJ	11.	U
hloroethene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
e	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
Xylenes	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	UJ	11.	U
1,3-Dichloropropene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
roethene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
hloride	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
VOLATILES													
chlorobenzene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
chlorobenzene	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
richlorophenol	UG/KG	170.	U	190.	U	200.	U	200.	U	190.	U	180.	U
richlorophenol	UG/KG	70.	U	80	U	81.	U	81.	U	77.	U	76.	U
chlorophenol	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
nethylphenol	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
nitrophenol	UG/KG	170.	U	190.	U	200.	U	200.	U	190.	U	180.	U
nitrotoluene	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
nitrotoluene	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
ronaphthalene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
rophenol	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
ylphenol	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
aniline	UG/KG	170.	U	190.	U	200.	U	200.	U	190.	U	180.	U
phenol	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
chlorobenzidine	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
aniline	UG/KG	170.	UJ	190.	UJ	200.	UJ	200.	UJ	190.	UJ	180.	UJ
nitro-2-methylphenol	UG/KG	170.	U	190.	U	200.	U	200.	U	190.	U	180.	U
nophenyl phenyl ether	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U

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PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70928		70928		70928		70928		70928		70928	
	LOC ID:	MW12-11		MW12-12		MW12-12		MW12-12		TP12-20A		TP12-20B	
	SAMP_ID:	123012		123013		123014		123015		123019		123020	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8		0		4		9		0.5		2.5	
	SAMP. DEPTH BOT:	10		0.2		6		11		0.5		2.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	29-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oro-3-methylphenol	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
oroaniline	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
orophenyl phenyl ether	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
hylphenol	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
aphthene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
aphthylene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
acene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
o(a)anthracene	UG/KG	70.	U	80.	U	81.	U	81.	U	5.9	J	5.2	J
o(a)pyrene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	9.6	J	5.2	J
o(b)fluoranthene	UG/KG	70.	U	80.	U	81.	U	81.	U	15.	J	76.	U
o(ghi)perylene	UG/KG	70.	U	80.	U	81.	U	81.	U	16.	J	76.	U
o(k)fluoranthene	UG/KG	70.	U	80.	U	81.	U	81.	U	14.	J	76.	U
Chloroethoxy)methane	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
Chloroethyl)ether	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
Chloroisopropyl)ether	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
Ethylhexyl)phthalate	UG/KG	180.		210.		81.	U	81.	U	77.	U	76.	U
enzylphthalate	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
zole	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
ene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	14.	J	5.4	J
utylphthalate	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
ctylphthalate	UG/KG	13.	J	80.	U	81.	U	4.9	J	77.	U	76.	U
z(a,h)anthracene	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
zofuran	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
l phthalate	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
hylphthalate	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
anthene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	15.	J	76.	UJ
ene	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
chlorobutadiene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
chlorocyclopentadiene	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
chloroethane	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
brone	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
osodiphenylamine	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
osodipropylamine	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
halene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
enzene	UG/KG	70.	UJ	80.	UJ	81.	UJ	81.	UJ	77.	UJ	76.	UJ
chlorophenol	UG/KG	170.	R	190.	R	200.	R	200.	R	190.	R	180.	R
anthrene	UG/KG	4.6	J	80.	U	81.	U	81.	U	8.9	J	76.	U
l	UG/KG	70.	U	80.	U	81.	U	81.	U	77.	U	76.	U
e	UG/KG	70.	U	80.	U	81.	U	81.	U	18.	J	76.	U
ICIDES/PCBs													
DD	UG/KG	3.5	U	4.	U	4.1	U	4.1	U	3.8	U	3.8	U
DE	UG/KG	3.5	U	4.	U	4.1	U	4.1	U	3.8	U	2.1	J
DT	UG/KG	3.5	U	4.	U	4.1	U	4.1	U	3.8	U	3.8	U
	UG/KG	1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
-BHC	UG/KG	1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
-Chlordane	UG/KG	1.8	U	2.	U	2.1	U	2.1	U	2.	U	7.5	
r-1016	UG/KG	35.	U	40.	U	41.	U	41.	U	38.	U	38.	U
r-1221	UG/KG	71.	U	81.	U	83.	U	83.	U	78.	U	77.	U
r-1232	UG/KG	35.	U	40.	U	41.	U	41.	U	38.	U	38.	U
r-1242	UG/KG	35.	U	40.	U	41.	U	41.	U	38.	U	38.	U
r-1248	UG/KG	35.	U	40.	U	41.	U	41.	U	38.	U	38.	U
r-1254	UG/KG	35.	U	40.	U	41.	U	41.	U	38.	U	38.	U
r-1260	UG/KG	35.	U	40.	U	41.	U	41.	U	38.	U	38.	U

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PHASE 2 - VALIDATED DATA
SDG 70928

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	70928		70928		70928		70928		70928		70928	
		LOC ID:	MW12-11		MW12-12		MW12-12		MW12-12		TP12-20A		TP12-20B	
		SAMP_ID:	123012		123013		123014		123015		123019		123020	
		FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	8		0		4		9		0.5		2.5	
		SAMP. DEPTH BOT:	10		0.2		6		11		0.5		2.5	
		MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		SAMP. DATE:	29-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98		30-Sep-98	
AMETER	UNIT		VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
BHC	UG/KG		1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
-BHC	UG/KG		1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
in	UG/KG		3.5	U	4.	U	4.1	U	4.1	U	3.8	U	3.8	U
sulfan I	UG/KG		1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
sulfan II	UG/KG		3.5	U	4.	U	4.1	U	4.1	U	3.8	U	3.8	U
sulfan sulfate	UG/KG		3.5	U	4.	U	4.1	U	4.1	U	3.8	U	3.8	U
n aldehyde	UG/KG		3.5	U	4.	U	4.1	U	4.1	U	3.8	U	3.8	U
n ketone	UG/KG		3.5	U	4.	U	4.1	U	4.1	U	3.8	U	3.8	U
na-BHC/Lindane	UG/KG		1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
na-Chlordane	UG/KG		1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
chlor	UG/KG		1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
chlor epoxide	UG/KG		1.8	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
oxychlor	UG/KG		18.	U	20.	U	21.	U	21.	U	20.	U	20.	U
phene	UG/KG		180.	U	200.	U	210.	U	210.	U	200.	U	200.	U
ALS														
num	MG/KG		4,460.		11,800.		14,200.		11,200.		12,000.		12,000.	
ony	MG/KG		.9	R	1.3	R	1.5	R	1.3	R	1.3	R	1.3	R
ic	MG/KG		.88	J	3.3		5.9		5.8		3.		9.8	
m	MG/KG		17.	J	58.9		112.		100.		113.		186.	
ium	MG/KG		.17	J	.44	J	.51	J	.38	J	.52	J	.02	U
ium	MG/KG		.04	U	.06	U	.07	U	.06	U	.06	U	.06	U
um	MG/KG		6,980.		11,800.		54,600.		42,900.		4,190.		3,970.	
nium	MG/KG		8.5		21.5		21.1		16.2		15.8		20.7	
lt	MG/KG		9.1		13.1		14.3		12.9		8.5	J	12.	
er	MG/KG		11.5		32.5		28.4		23.9		15.1		33.	
de	MG/KG		.53	U	.64	U	.63	U	.64	U	.64	U	.63	U
	MG/KG		11,000.	J	27,100.	J	27,800.	J	22,800.	J	19,900.	J	41,400.	J
	MG/KG		9.		15.5		11.9		9.1		21.2		15.1	
esium	MG/KG		2,090.		6,460.		13,200.		13,700.		2,890.		4,340.	
anese	MG/KG		169.		501.		631.		540.		605.		3,200.	
ury	MG/KG		.06	J	.06	UJ	.06	UJ	.06	UJ	.06	U	.05	U
l	MG/KG		20.		39.9		34.1	J	25.8	J	18.2	J	40.5	J
sium	MG/KG		397.	J	1,270.		1,980.		1,770.		1,090.		908.	J
ium	MG/KG		.68	U	.94	U	1.1	U	.97	U	.99	U	.96	U
	MG/KG		.18	U	.25	U	.29	U	.25	U	.26	U	.25	U
m	MG/KG		37.1	U	51.7	U	61.3	U	53.	U	54.9	J	70.2	J
um	MG/KG		.77	U	1.1	U	1.3	U	1.1	U	1.1	U	1.1	U
dium	MG/KG		5.8	J	17.7		25.6		21.3		19.7		27.4	
	MG/KG		41.5		81.4		66.8		52.4		58.3		99.4	

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PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1	
	SDG:	70928	
	LOC ID:	TP12-20C	
	SAMP_ID:	123021	
	FIELD QC CODE:	SA	
	SAMP. DEPTH TOP:	6	
	SAMP. DEPTH BOT:	6	
	MATRIX:	SOIL	
	SAMP. DATE:	30-Sep-98	
AMETER	UNIT	VALUE	Q
ATILES			
-Trichloroethane	UG/KG	11.	U
,2-Tetrachloroethane	UG/KG	11.	U
-Trichloroethane	UG/KG	11.	U
Dichloroethane	UG/KG	11.	U
Dichloroethene	UG/KG	11.	U
Dichloroethane	UG/KG	11.	U
Dichloroethene (total)	UG/KG	11.	U
Dichloropropane	UG/KG	11.	U
one	UG/KG	4.	J
zene	UG/KG	11.	U
nodichloromethane	UG/KG	11.	U
noform	UG/KG	11.	U
on disulfide	UG/KG	11.	U
on tetrachloride	UG/KG	11.	U
robenzene	UG/KG	11.	U
rodibromomethane	UG/KG	11.	U
roethane	UG/KG	11.	U
roform	UG/KG	11.	U
,3-Dichloropropene	UG/KG	11.	U
benzene	UG/KG	11.	U
yl bromide	UG/KG	11.	U
yl butyl ketone	UG/KG	11.	U
yl chloride	UG/KG	11.	U
yl ethyl ketone	UG/KG	11.	U
yl isobutyl ketone	UG/KG	11.	U
ylene chloride	UG/KG	11.	U
ene	UG/KG	11.	U
achloroethene	UG/KG	11.	U
ene	UG/KG	11.	U
Xylenes	UG/KG	11.	U
s-1,3-Dichloropropene	UG/KG	11.	U
loroethene	UG/KG	11.	U
chloride	UG/KG	11.	U
I-VOLATILES			
Dichlorobenzene	UG/KG	72.	UJ
Dichlorobenzene	UG/KG	72.	U
-Trichlorophenol	UG/KG	180.	U
-Trichlorophenol	UG/KG	72.	U
Dichlorophenol	UG/KG	72.	U
Dimethylphenol	UG/KG	72.	UJ
Dinitrophenol	UG/KG	180.	U
Dinitrotoluene	UG/KG	72.	U
Dinitrotoluene	UG/KG	72.	U
loronaphthalene	UG/KG	72.	UJ
lorophenol	UG/KG	72.	U
thylphenol	UG/KG	72.	U
roaniline	UG/KG	180.	U
rophenol	UG/KG	72.	U
Dichlorobenzidine	UG/KG	72.	U
roaniline	UG/KG	180.	UJ
Dinitro-2-methylphenol	UG/KG	180.	U
omophenyl phenyl ether	UG/KG	72.	U

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PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID.	RI Phase 1 Step 1	
	SDG:	70928	
	LOC ID:	TP12-20C	
	SAMP_ID:	123021	
	FIELD QC CODE:	SA	
	SAMP. DEPTH TOP:	6	
	SAMP. DEPTH BOT:	6	
	MATRIX:	SOIL	
	SAMP. DATE:	30-Sep-98	
AMETER	UNIT	VALUE	Q
oro-3-methylphenol	UG/KG	72.	U
oroaniline	UG/KG	72.	UJ
orophenyl phenyl ether	UG/KG	72.	U
hylphenol	UG/KG	72.	U
aphthene	UG/KG	72.	UJ
aphthylene	UG/KG	72.	UJ
acene	UG/KG	72.	UJ
o(a)anthracene	UG/KG	72.	U
o(a)pyrene	UG/KG	72.	UJ
o(b)fluoranthene	UG/KG	72.	U
o(ghi)perylene	UG/KG	72.	U
o(k)fluoranthene	UG/KG	72.	U
Chloroethoxy)methane	UG/KG	72.	U
Chloroethyl)ether	UG/KG	72	U
Chloroisopropyl)ether	UG/KG	72.	U
Ethylhexyl)phthalate	UG/KG	72.	U
enzylphthalate	UG/KG	72	U
zole	UG/KG	72.	UJ
ene	UG/KG	72.	UJ
utylphthalate	UG/KG	72.	UJ
ctylphthalate	UG/KG	72.	U
z(a,h)anthracene	UG/KG	72.	U
zofuran	UG/KG	72.	UJ
l phthalate	UG/KG	72.	UJ
hylphthalate	UG/KG	72.	UJ
anthene	UG/KG	72.	UJ
ene	UG/KG	72.	U
chlorobutadiene	UG/KG	72.	UJ
chlorocyclopentadiene	UG/KG	72.	U
chloroethane	UG/KG	72.	UJ
orone	UG/KG	72.	UJ
osodiphenylamine	UG/KG	72.	U
osodipropylamine	UG/KG	72.	U
halene	UG/KG	72.	UJ
enzene	UG/KG	72.	UJ
chlorophenol	UG/KG	180.	R
anthrene	UG/KG	72.	U
l	UG/KG	72.	U
e	UG/KG	72.	U
ICIDES/PCBs			
DD	UG/KG	3.6	U
DE	UG/KG	3.6	U
DT	UG/KG	3.6	U
	UG/KG	1.9	U
-BHC	UG/KG	1.9	U
-Chlordane	UG/KG	1.9	U
r-1016	UG/KG	36.	U
r-1221	UG/KG	74.	U
r-1232	UG/KG	36.	U
r-1242	UG/KG	36.	U
r-1248	UG/KG	36.	U
r-1254	UG/KG	36.	U
r-1260	UG/KG	36.	U

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PHASE 2 - VALIDATED DATA
SDG 70928

	STUDY ID:	RI Phase 1 Step 1	
	SDG:	70928	
	LOC ID:	TP12-20C	
	SAMP_ID:	123021	
	FIELD QC CODE:	SA	
	SAMP. DEPTH TOP:	6	
	SAMP. DEPTH BOT:	6	
	MATRIX:	SOIL	
	SAMP. DATE:	30-Sep-98	
AMETER	UNIT	VALUE	Q
-BHC	UG/KG	1.9	U
a-BHC	UG/KG	1.9	U
drin	UG/KG	3.6	U
osulfan I	UG/KG	1.9	U
osulfan II	UG/KG	3.6	U
osulfan sulfate	UG/KG	3.6	U
rin aldehyde	UG/KG	3.6	U
rin ketone	UG/KG	3.6	U
ma-BHC/Lindane	UG/KG	1.9	U
ma-Chlordane	UG/KG	1.9	U
tachlor	UG/KG	1.9	U
tachlor epoxide	UG/KG	1.9	U
noxychlor	UG/KG	19.	U
aphene	UG/KG	190.	U
TALS			
minum	MG/KG	10,500.	
mony	MG/KG	1.2	R
nic	MG/KG	3.6	
um	MG/KG	78.6	
llium	MG/KG	.41	J
mium	MG/KG	.06	U
ium	MG/KG	66,000.	
mium	MG/KG	18.5	
alt	MG/KG	11.3	
per	MG/KG	29.2	
nide	MG/KG	.6	U
	MG/KG	25,000.	J
d	MG/KG	11.8	
nesium	MG/KG	12,300.	
ganese	MG/KG	426.	
cury	MG/KG	.06	U
el	MG/KG	36.4	J
ssium	MG/KG	1,540.	
nium	MG/KG	.87	U
er	MG/KG	.23	U
um	MG/KG	78.1	J
lium	MG/KG	.99	U
adium	MG/KG	16.7	
	MG/KG	71.6	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	MW12-13		MW12-13		MW12-13		TP12-18		TP12-18		TP12-18	
	SAMP_ID:	123016		123017		123018		123022		123023		123024	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		4		8		0.5		4		4.5	
	SAMP. DEPTH BOT:	0.2		8		9.6		0.5		4		4.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
TILES													
Trichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
2-Tetrachloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Trichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ichloroethene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ichloroethene (total)	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ichloropropane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ne	UG/KG	12.	UJ	11.	UJ	12.	UJ	12.	UJ	11.	UJ	11.	UJ
ene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
odichloromethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
oform	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
n disulfide	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
n tetrachloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
obenzene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
odibromomethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
oethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
oform	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
3-Dichloropropene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
benzene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
l bromide	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
l butyl ketone	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
l chloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
l ethyl ketone	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
l isobutyl ketone	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ylene chloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ne	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
chloroethene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ne	UG/KG	12.	U	8.	J	14.		12.	U	11.	U	11.	U
Xylenes	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-1,3-Dichloropropene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
oroethene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
chloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-VOLATILES													
chlorobenzene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
ichlorobenzene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
Trichlorophenol	UG/KG	190.	U	180.	U	180.	U	190.	U	180.	U	180.	U
Trichlorophenol	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
ichlorophenol	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
imethylphenol	UG/KG	78.	UJ	73.	UJ	76.	UJ	77.	UJ	73.	U	76.	UJ
initrophenol	UG/KG	190.	R	180.	R	180.	R	190.	R	180.	U	180.	R
initrotoluene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
initrotoluene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
oronaphthalene	UG/KG	78.	UJ	73.	UJ	76.	UJ	77.	UJ	73.	U	76.	UJ
orophenol	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
hylphenol	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
oaniline	UG/KG	190.	U	180.	U	180.	U	190.	U	180.	U	180.	U
ophenol	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
ichlorobenzidine	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
oaniline	UG/KG	190.	UJ	180.	UJ	180.	UJ	190.	UJ	180.	U	180.	UJ
nitro-2-methylphenol	UG/KG	190.	UJ	180.	UJ	180.	UJ	190.	UJ	180.	U	180.	UJ
rnophenyl phenyl ether	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	MW12-13		MW12-13		MW12-13		TP12-18		TP12-18		TP12-18	
	SAMP_ID:	123016		123017		123018		123022		123023		123024	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		4		8		0.5		4		4.5	
	SAMP. DEPTH BOT:	0.2		6		9.6		0.5		4		4.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oro-3-methylphenol	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
oroaniline	UG/KG	78.	UJ	73.	UJ	76.	UJ	77.	UJ	73.	U	76.	UJ
orophenyl phenyl ether	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
thylphenol	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
aphthene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
aphthylene	UG/KG	78.	UJ	73.	UJ	76.	UJ	77.	UJ	73.	U	76.	UJ
racene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
o(a)anthracene	UG/KG	4.5	J	73.	U	76.	U	77.	U	73.	U	76.	U
o(a)pyrene	UG/KG	5.	J	73.	U	76.	U	77.	U	73.	U	76.	U
o(b)fluoranthene	UG/KG	5.9	J	73.	U	76.	U	4.7	J	73.	U	76.	U
o(ghi)perylene	UG/KG	4.	J	73.	U	76.	U	77.	U	73.	U	76.	U
o(k)fluoranthene	UG/KG	7.6	J	73.	U	76.	U	5.2	J	73.	U	76.	U
-Chloroethoxy)methane	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
-Chloroethyl)ether	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
-Chloroisopropyl)ether	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
-Ethylhexyl)phthalate	UG/KG	11.	J	83.		11.	J	11.	J	73.	U	76.	U
benzylphthalate	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
azole	UG/KG	78.	UJ	73.	UJ	76.	UJ	77.	UJ	73.	U	76.	UJ
sene	UG/KG	6.8	J	73.	U	76.	U	6.1	J	73.	U	76.	U
butylphthalate	UG/KG	78.	UJ	73.	UJ	4.	J	4.	J	73.	U	5.9	J
octylphthalate	UG/KG	78.	U	12.	J	6.9	J	77.	U	73.	U	76.	U
nz(a,h)anthracene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
nzofuran	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
yl phthalate	UG/KG	78.	UJ	73.	UJ	76.	UJ	77.	UJ	73.	U	76.	UJ
thylphthalate	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
anthene	UG/KG	9.1	J	73.	U	76.	U	7.6	J	73.	U	76.	U
ene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
chlorobutadiene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
chlorocyclopentadiene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
chloroethane	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
horone	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
rosodiphenylamine	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
rosodipropylamine	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
thalene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
benzene	UG/KG	78.	U	73.	U	76.	U	77.	U	73.	U	76.	U
achlorophenol	UG/KG	190.	U	180.	U	180.	U	190.	U	180.	U	180.	U
anthrene	UG/KG	6.5	J	73.	U	76.	U	7.7	J	73.	U	76.	U
ol	UG/KG	78.	U	73.	U	76.	U	7.2	J	73.	U	76.	U
ne	UG/KG	9.1	J	73.	U	76.	U	6.9	J	73.	U	76.	U
TICIDES/PCBs													
DD	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
DE	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
DT	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
a-BHC	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
a-Chlordane	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
or-1016	UG/KG	40.	U	37.	U	38.	U	38.	U	37.	U	38.	U
or-1221	UG/KG	81.	U	74.	U	77.	U	78.	U	75.	U	77.	U
or-1232	UG/KG	40.	U	37.	U	38.	U	38.	U	37.	U	38.	U
or-1242	UG/KG	40.	U	37.	U	38.	U	38.	U	37.	U	38.	U
or-1248	UG/KG	40.	U	37.	U	38.	U	38.	U	37.	U	38.	U
or-1254	UG/KG	40.	U	37.	U	38.	U	38.	U	37.	U	38.	U
or-1260	UG/KG	40.	U	37.	U	38.	U	38.	U	37.	U	38.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	MW12-13		MW12-13		MW12-13		TP12-18		TP12-18		TP12-18	
	SAMP_ID:	123016		123017		123018		123022		123023		123024	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		4		8		0.5		4		4.5	
	SAMP. DEPTH BOT:	0.2		6		9.6		0.5		4		4.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
BHC	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
-BHC	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
rin	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
sulfan I	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
sulfan II	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
sulfan sulfate	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
n aldehyde	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
n ketone	UG/KG	4.	U	3.7	U	3.8	U	3.8	U	3.7	U	3.8	U
ma-BHC/Lindane	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
ma-Chlordane	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
achlor	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
achlor epoxide	UG/KG	2.	U	1.9	U	2.	U	2.	U	1.9	U	2.	U
oxychlor	UG/KG	20.	U	19.	U	20.	U	20.	U	19.	U	20.	U
phene	UG/KG	200.	U	190.	U	200.	U	200.	U	190.	U	200.	U
ALS													
inum	MG/KG	9,960.		4,820.		11,200.		12,800.		13,500.		14,800.	
ony	MG/KG	1.2	R	1.2	R	1.2	R	1.8	J	1.2	R	1.1	R
nic	MG/KG	3.2		2.5		3.9		3.4		4.4		4.1	
m	MG/KG	78.6		51.3		63.4		95.8		84.8		79.3	
lium	MG/KG	.32	J	.14	J	.46	J	.55	J	.55	J	.54	J
nium	MG/KG	.06	U	.06	U	.06	U	.06	U	.06	U	.06	U
um	MG/KG	1,640.	J	75,600.	J	43,100.	J	13,800.	J	2,550.	J	3,280.	J
mium	MG/KG	13.		8.2		20.5		19.3		23.7		26.	
lt	MG/KG	8.	J	5.1	J	15.2		10.7		13.8		16.2	
er	MG/KG	13.4		13.3		31.5		19.8		30.2		27.2	
ide	MG/KG	1.2	J	.57	UJ	.64	UJ	.59	UJ	.56	UJ	.6	UJ
	MG/KG	16,300.		10,100.		25,500.		23,200.		29,200.		33,800.	
	MG/KG	15.2	J	3.4	J	11.5	J	12.6	J	12.2	J	14.7	J
esium	MG/KG	2,340.		34,300.		8,350.		5,910.		5,300.		5,960.	
ganese	MG/KG	783.		339.		393.		667.		632.		657.	
ury	MG/KG	.09	J	.05	U	.06	U	.07	J	.05	U	.05	U
el	MG/KG	16.2		12.1		44.2		29.1		48.7		50.5	
ssium	MG/KG	806.	J	760.	J	1,340.		1,330.		1,140.		1,140.	
nium	MG/KG	89	UJ	.94	UJ	.92	UJ	.9	UJ	.91	UJ	.85	UJ
r	MG/KG	.23	U	.24	U	.24	U	.24	U	.24	U	.22	U
um	MG/KG	48.9	U	51.4	U	84.	J	63.9	J	66.7	J	46.6	U
ium	MG/KG	1.6	U	1.4	U	1.2	U	1.4	U	1.4	U	1.5	U
dium	MG/KG	17.6		10.5		17.		20.7		19.9		20.9	
	MG/KG	46.1		31.6		105.		79.5		99.2		113.	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	TP12-19A		TP12-19B		TP12-19C		MW12-15		MW12-15		MW12-15	
	SAMP_ID:	123025		123026		123027		123028		123029		123030	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		2		5.5		0		6		8	
	SAMP. DEPTH BOT:	0.5		2		5.5		0.2		8		10	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
,2-Tetrachloroethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	R	11.	UJ
-Trichloroethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ichloroethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ichloroethene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ichloroethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ichloroethene (total)	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ichloropropane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ne	UG/KG	11.	UJ	11.	UJ	12.	UJ	11.	UJ	9.	J	11.	UJ
ene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
odichloromethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
oform	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	R	11.	UJ
on disulfide	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
on tetrachloride	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
obenzene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	R	11.	UJ
odibromomethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
oethane	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
oform	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
,3-Dichloropropene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
benzene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	R	11.	UJ
yl bromide	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
yl butyl ketone	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
yl chloride	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
yl ethyl ketone	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
yl isobutyl ketone	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ylene chloride	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	U	11.	U
ne	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	R	11.	UJ
chloroethene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
ene	UG/KG	11.	U	11.	U	12.	U	11.	U	10.	J	62.	
Xylenes	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	R	11.	UJ
s-1,3-Dichloropropene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
loroethene	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
chloride	UG/KG	11.	U	11.	U	12.	U	11.	U	11.	UJ	11.	U
I-VOLATILES													
Dichlorobenzene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Dichlorobenzene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
-Trichlorophenol	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	170.	U
-Trichlorophenol	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Dichlorophenol	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Dimethylphenol	UG/KG	76.	UJ	77.	UJ	76.	UJ	73.	UJ	72.	UJ	72.	UJ
Dinitrophenol	UG/KG	180.	R	190.	R	180.	R	180.	R	180.	R	170.	R
Dinitrotoluene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Dinitrotoluene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
loronaphthalene	UG/KG	76.	UJ	77.	UJ	76.	UJ	73.	UJ	72.	UJ	72.	UJ
lorophenol	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
thylphenol	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
roaniline	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	170.	U
rophenol	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Dichlorobenzidine	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
roaniline	UG/KG	180.	UJ	190.	UJ	180.	UJ	180.	UJ	180.	UJ	170.	UJ
Dinitro-2-methylphenol	UG/KG	180.	UJ	190.	UJ	180.	UJ	180.	UJ	180.	UJ	170.	UJ
mophenyl phenyl ether	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U

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PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	TP12-19A		TP12-19B		TP12-19C		MW12-15		MW12-15		MW12-15	
	SAMP_ID:	123025		123026		123027		123028		123029		123030	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		2		5.5		0		6		8	
	SAMP. DEPTH BOT:	0.5		2		5.5		0.2		8		10	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oro-3-methylphenol	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
oroaniline	UG/KG	76.	UJ	77.	UJ	76.	UJ	73.	UJ	72.	UJ	72.	UJ
orophenyl phenyl ether	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
hylphenol	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
aphthene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
aphthylene	UG/KG	76.	UJ	77.	UJ	76.	UJ	73.	UJ	72.	UJ	72.	UJ
acene	UG/KG	76.	U	77	U	76.	U	73.	U	72.	U	72.	U
o(a)anthracene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
o(a)pyrene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
o(b)fluoranthene	UG/KG	4.4	J	77.	U	76.	U	73.	U	72.	U	72.	U
o(ghi)perylene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
o(k)fluoranthene	UG/KG	4.	J	77.	U	76.	U	73.	U	72.	U	72.	U
Chloroethoxy)methane	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Chloroethyl)ether	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Chloroisopropyl)ether	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
Ethylhexyl)phthalate	UG/KG	5.8	J	5.6	J	76.	U	5.8	J	12.	J	14.	J
enzylphthalate	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
zole	UG/KG	76.	UJ	77.	UJ	76.	UJ	73.	UJ	72.	UJ	72.	U
ene	UG/KG	5.1	J	77.	U	76.	U	4.5	J	72.	U	72.	UJ
utylphthalate	UG/KG	3.9	J	4.6	J	4.6	J	4.5	J	11.	J	10.	J
ctylphthalate	UG/KG	76.	U	77.	U	76.	U	73.	U	3.8	J	8.4	J
z(a,h)anthracene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
zofuran	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
l phthalate	UG/KG	76.	UJ	77	UJ	76.	UJ	73.	UJ	72.	UJ	72.	UJ
hylphthalate	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
anthene	UG/KG	7.4	J	77.	U	76.	U	73.	U	72.	U	72.	U
ene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
chlorobutadiene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
chlorocyclopentadiene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
chloroethane	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
orone	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
osodiphenylamine	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
osodipropylamine	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
halene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
enzene	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
chlorophenol	UG/KG	180.	U	190.	U	180.	U	180.	U	180.	U	170.	U
anthrene	UG/KG	5.6	J	77.	U	76.	U	73.	U	72.	U	72.	U
l	UG/KG	76.	U	77.	U	76.	U	73.	U	72.	U	72.	U
e	UG/KG	5.6	J	77.	U	76.	U	73.	U	72.	U	72.	U
ICIDES/PCBs													
DD	UG/KG	3.8	U	3.8	U	3.8	U	3.7	U	3.6	U	3.6	U
DE	UG/KG	3.8	U	3.8	U	3.8	U	3.7	U	3.6	U	3.6	U
DT	UG/KG	2.9	J	21.		3.8	U	3.7	U	3.6	U	3.6	U
	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
-BHC	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
-Chlordane	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
or-1016	UG/KG	38.	U	38.	U	38.	U	37.	U	36.	U	36.	U
or-1221	UG/KG	77.	U	78.	U	77.	U	74.	U	73.	U	73.	U
or-1232	UG/KG	38.	U	38.	U	38.	U	37.	U	36.	U	36.	U
or-1242	UG/KG	38.	U	38.	U	38.	U	37.	U	36.	U	36.	U
or-1248	UG/KG	38.	U	38.	U	38.	U	37.	U	36.	U	36.	U
or-1254	UG/KG	38.	U	38.	U	38.	U	37.	U	36.	U	36.	U
or-1260	UG/KG	52.		440.		38.	U	37.	U	25.	J	36.	U

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PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	TP12-19A		TP12-19B		TP12-19C		MW12-15		MW12-15		MW12-15	
	SAMP_ID:	123025		123026		123027		123028		123029		123030	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		2		5.5		0		6		8	
	SAMP. DEPTH BOT:	0.5		2		5.5		0.2		8		10	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98		1-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-BHC	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
a-BHC	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
drin	UG/KG	3.8	U	5.9	J	3.8	U	3.7	U	3.6	U	3.6	U
osulfan I	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
osulfan II	UG/KG	3.8	U	3.8	U	3.8	U	3.7	U	3.6	U	3.6	U
osulfan sulfate	UG/KG	3.8	U	3.8	U	3.8	U	3.7	U	3.6	U	3.6	U
rin aldehyde	UG/KG	3.8	U	3.8	U	3.8	U	3.7	U	3.6	U	3.6	U
rin ketone	UG/KG	3.8	U	3.8	U	3.8	U	3.7	U	3.6	U	3.6	U
ma-BHC/Lindane	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
ma-Chlordane	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
achlor	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
achlor epoxide	UG/KG	2.	U	2.	U	2.	U	1.9	U	1.8	U	1.8	U
oxychlor	UG/KG	20.	U	20.	U	20.	U	19.	U	18.	U	18.	U
phene	UG/KG	200.	U	200.	U	200.	U	190.	U	180.	U	180.	U
ALS													
inum	MG/KG	12,200.		12,300.		15,300.		6,480.		7,220.		5,330.	
nony	MG/KG	1.2	R	1.3	R	1.1	J	1.2	R	1.2	R	1.1	R
nic	MG/KG	3.1		3.5		4.		3.1		3.1		1.9	
um	MG/KG	80.6		88.8		99.6		58.		71.8		63.	
llium	MG/KG	.52	J	.53	J	.71	J	.26	J	.28	J	.18	J
mium	MG/KG	.06	U	.06	U	.05	U	.06	U	.06	U	.05	U
ium	MG/KG	13,100.	J	2,480.	J	4,810.	J	75,900.	J	66,500.	J	65,000.	J
mium	MG/KG	18.8		17.4		25.9		11.2		12.5		9.1	
alt	MG/KG	10.5		9.	J	18.		7.7	J	7.6	J	6.1	J
per	MG/KG	20.7		12.9		28.8		17.2		17.7		13.4	
nide	MG/KG	.58	UJ	.58	UJ	.57	UJ	.56	UJ	.56	UJ	.55	UJ
	MG/KG	22,600.		21,400.		31,600.		15,400.		16,400.		12,400.	
	MG/KG	11.8	J	11.	J	10.8	J	6.7	J	4.9	J	3.8	J
nesium	MG/KG	5,230.		3,070.		5,720.		18,600.		14,500.		19,700.	
ganese	MG/KG	549.		519.		513.		389.		350.		341.	
ury	MG/KG	.05	U	.06	U	.07	J	.05	U	.05	U	.05	U
el	MG/KG	30.1		21.4		47.7		21.9		23.2		15.6	
ssium	MG/KG	1,020.		821.	J	1,110.		891.	J	1,180.		979.	
nium	MG/KG	.93	UJ	.96	U	.8	UJ	.9	UJ	.93	UJ	.82	UJ
r	MG/KG	.24	U	.25	U	.21	U	.23	U	.24	U	.21	U
um	MG/KG	50.9	U	52.6	U	54.5	J	92.4	J	73.	J	93.4	J
ium	MG/KG	1.4	U	1.3	U	1.3	U	1.3	U	1.3	U	1.2	U
dium	MG/KG	18.3		19.4		21.2		12.2		12.4		10.1	
	MG/KG	81.8		62.1		109.		43.5		53.2		29.6	

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PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	TP12-15A		TP12-15		TP12-15		MW12-18		MW12-18		MW12-18	
	SAMP_ID:	123031		123032		123033		123037		123038		123039	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	3.5		2		0.8		0		6		10	
	SAMP. DEPTH BOT:	3.5		2		0.8		0.2		8		12	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
,2-Tetrachloroethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	UJ
-Trichloroethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ichloroethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ichloroethene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ichloroethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ichloroethene (total)	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ichloropropane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ne	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	UJ	8.	J
ene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
odichloromethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
oform	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	UJ
on disulfide	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
on tetrachloride	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
obenzene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	UJ
odibromomethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
oethane	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
oform	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
,3-Dichloropropene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
benzene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	UJ
yl bromide	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
yl butyl ketone	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
yl chloride	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
yl ethyl ketone	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
yl isobutyl ketone	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ylene chloride	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ne	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	UJ
chloroethene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
ene	UG/KG	14.	U	7.	J	7.	J	3.	J	11.	U	4.	J
Xylenes	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	UJ
s-1,3-Dichloropropene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
loroethene	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
chloride	UG/KG	14.	U	14.	U	12.	U	11.	U	11.	U	11.	U
-VOLATILES													
ichlorobenzene	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
ichlorobenzene	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
-Trichlorophenol	UG/KG	210.	U	2,900.	U	190.	U	170.	U	170.	U	190.	U
-Trichlorophenol	UG/KG	88.	U	1,200.	U	78.	UJ	72.	UJ	71.	UJ	78.	UJ
ichlorophenol	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
imethylphenol	UG/KG	88.	UJ	1,200.	UJ	78.	UJ	72.	UJ	71.	UJ	78.	UJ
initrophenol	UG/KG	210.	R	2,900.	U	190.	R	170.	R	170.	R	190.	R
initrotoluene	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
initrotoluene	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
loronaphthalene	UG/KG	88.	UJ	1,200.	UJ	78.	UJ	72.	UJ	71.	UJ	78.	UJ
lorophenol	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
thylphenol	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
roaniline	UG/KG	210.	U	2,900.	U	190.	U	170.	U	170.	U	190.	U
rophenol	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
Dichlorobenzidine	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
roaniline	UG/KG	210.	UJ	2,900.	UJ	190.	UJ	170.	UJ	170.	UJ	190.	UJ
initro-2-methylphenol	UG/KG	210.	UJ	2,900.	U	190.	UJ	170.	UJ	170.	UJ	190.	UJ
mophenyl phenyl ether	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	TP12-15A		TP12-15		TP12-15		MW12-18		MW12-18		MW12-18	
	SAMP_ID:	123031		123032		123033		123037		123038		123039	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	3.5		2		0.8		0		6		10	
	SAMP. DEPTH BOT:	3.5		2		0.8		0.2		8		12	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
loro-3-methylphenol	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
loroaniline	UG/KG	88.	UJ	1,200.	UJ	78.	UJ	72.	UJ	71.	UJ	78.	UJ
lorophenyl phenyl ether	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
thylphenol	UG/KG	88.	U	1,200.	U	78.	UJ	72.	UJ	71.	UJ	78.	UJ
aphthene	UG/KG	88.	U	1,300.		78.	U	72.	U	71.	U	78.	U
aphthylene	UG/KG	88.	UJ	1,200.	UJ	78.	UJ	72.	UJ	71.	UJ	78.	UJ
racene	UG/KG	88.	U	2,700.		78.	U	72.	U	71.	U	78.	U
o(a)anthracene	UG/KG	15.	J	3,500.		9.2	J	5.7	J	71.	U	78.	U
o(a)pyrene	UG/KG	16.	J	2,600.		11.	J	6.2	J	71.	U	78.	U
o(b)fluoranthene	UG/KG	22.	J	2,200.		13.	J	9.	J	5.	J	78.	UJ
o(ghi)perylene	UG/KG	54.	J	1,400.		9.5	J	72.	U	71.	U	78.	U
o(k)fluoranthene	UG/KG	18.	J	2,600.		10.	J	7.5	J	71.	U	78.	U
-Chloroethoxy)methane	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
-Chloroethyl)ether	UG/KG	88.	U	1,200	U	78.	U	72.	U	71.	U	78.	U
-Chloroisopropyl)ether	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
-Ethylhexyl)phthalate	UG/KG	5.2	J	1,200.	U	6.	J	9.9	J	14.	J	16.	J
benzylphthalate	UG/KG	88.	U	1,200.	U	78.	UJ	72.	UJ	71.	UJ	78.	UJ
azole	UG/KG	88.	UJ	1,600.	J	78.	UJ	72.	UJ	71.	UJ	78.	UJ
sene	UG/KG	28.	J	3,000.		12.	J	7.5	J	4.9	J	5.7	J
butylphthalate	UG/KG	6.6	J	1,200.	UJ	4.4	J	4.1	J	9.2	J	9.	J
octylphthalate	UG/KG	88.	U	1,200.	U	78.	U	15.	J	14.	J	8.7	J
nz(a,h)anthracene	UG/KG	88.	U	710.	J	78.	U	72.	U	71.	U	78.	U
nzofuran	UG/KG	88.	U	1,000.	J	78.	U	72.	U	71.	U	78.	U
yl phthalate	UG/KG	88.	UJ	1,200.	UJ	78.	UJ	72.	UJ	71.	UJ	78.	UJ
thylphthalate	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
ranthene	UG/KG	27.	J	7,400.		17.	J	11.	J	71.	U	78.	U
rene	UG/KG	88.	U	1,500.		78.	U	72.	U	71.	U	78.	U
achlorobutadiene	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
achlorocyclopentadiene	UG/KG	88.	U	1,200.	U	78.	UJ	72.	UJ	71.	UJ	78.	UJ
achloroethane	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
horone	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
trosodiphenylamine	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
trosodipropylamine	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
thalene	UG/KG	4.5	J	860.	J	78.	U	72.	U	71.	U	78.	U
benzene	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
achlorophenol	UG/KG	210.	U	2,900.	U	190.	UJ	170.	UJ	170.	UJ	190.	UJ
anthrene	UG/KG	15.	J	8,500.		12.	J	6.2	J	4.5	J	5.9	J
ol	UG/KG	88.	U	1,200.	U	78.	U	72.	U	71.	U	78.	U
ne	UG/KG	37.	J	5,900.		19.	J	13.	J	71.	U	7.9	J
TICIDES/PCBs													
DD	UG/KG	4.4	U	4.	J	3.8	U	3.6	U	3.5	U	3.9	U
DE	UG/KG	4.4	U	3.	J	3.8	U	3.6	U	3.5	U	3.9	U
DT	UG/KG	4.4	U	4.5	J	3.8	U	3.6	U	3.5	U	3.9	U
n	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
a-BHC	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
a-Chlordane	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
lor-1016	UG/KG	44.	U	42.	U	38.	U	36.	U	35.	U	39.	U
lor-1221	UG/KG	89.	U	86.	U	78.	U	73.	U	72.	U	80.	U
lor-1232	UG/KG	44.	U	42.	U	38.	U	36.	U	35.	U	39.	U
lor-1242	UG/KG	44.	U	42.	U	38.	U	36.	U	35.	U	39.	U
lor-1248	UG/KG	44.	U	42.	U	38.	U	36.	U	35.	U	39.	U
lor-1254	UG/KG	44.	U	42.	U	38.	U	36.	U	35.	U	39.	U
lor-1260	UG/KG	44.	U	42.	U	38.	U	36.	U	35.	U	39.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953		70953		70953		70953		70953	
	LOC ID:	TP12-15A		TP12-15		TP12-15		MW12-18		MW12-18		MW12-18	
	SAMP_ID:	123031		123032		123033		123037		123038		123039	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	3.5		2		0.8		0		6		10	
	SAMP. DEPTH BOT:	3.5		2		0.8		0.2		8		12	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98		2-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
BHC	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
-BHC	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
nn	UG/KG	4.4	U	4.2	U	3.8	U	3.6	U	3.5	U	3.9	U
sulfan I	UG/KG	2.3	U	1.5	J	2.	U	1.8	U	1.8	U	2.	U
sulfan II	UG/KG	4.4	U	4.2	U	3.8	U	3.6	U	3.5	U	3.9	U
sulfan sulfate	UG/KG	4.4	U	18.	J	3.8	U	3.6	U	3.5	U	3.9	U
n aldehyde	UG/KG	4.4	U	7.5	J	3.8	U	3.6	U	3.5	U	3.9	U
n ketone	UG/KG	4.4	U	13.		3.8	U	3.6	U	3.5	U	3.9	U
ma-BHC/Lindane	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
ma-Chlordane	UG/KG	2.3	U	3.8	J	2.	U	1.8	U	1.8	U	2.	U
achlor	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
achlor epoxide	UG/KG	2.3	U	2.2	U	2.	U	1.8	U	1.8	U	2.	U
oxychlor	UG/KG	23.	U	42.	J	20.	U	18.	U	18.	U	20.	U
phene	UG/KG	230.	U	220.	U	200.	U	180.	U	180.	U	200.	U
ALS													
inum	MG/KG	13,200.		12,100.		14,500.		8,220.		7,240.		6,730.	
ony	MG/KG	1.4	R	1.5	R	.96	R	1.2	J	.96	R	1.3	R
nic	MG/KG	4.8		4.4		5.		4.5		3.5		3.2	
m	MG/KG	97.4		115.		116.		63.5		82.		82.7	
lium	MG/KG	.55	J	.52	J	.53	J	.32	J	.31	J	.23	J
nium	MG/KG	.07	U	.07	U	.05	U	.06	U	.05	U	.06	U
um	MG/KG	8,170.	J	15,400.	J	16,300.	J	68,900.	J	75,900.	J	99,200.	J
mium	MG/KG	19.7		20.8		21.4		13.5		13.3		12.1	
lt	MG/KG	10.4	J	10.6	J	11.5		8.6	J	9.7		8.1	J
er	MG/KG	24.8		32.6		35.5		21.2		23.6		18.	
ide	MG/KG	.69	UJ	.65	UJ	.6	UJ	.55	UJ	.56	UJ	.6	UJ
	MG/KG	24,300.		35,800.		28,400.		17,400.		18,300.		16,400.	
	MG/KG	56.7		112.		63.9		7.7		6.9	J	5.5	J
esium	MG/KG	4,220.		4,420.		8,210.		12,900.		14,600.		11,500.	
ganese	MG/KG	463.		359.		639.		409.		392.		499.	
ury	MG/KG	.07	U	1.		.12		.05	U	.05	U	.06	U
l	MG/KG	26.1		30.7		29.2		24.4		30.		23.5	
ssium	MG/KG	2,760.		2,490.		2,710.		1,530.		1,170.		1,200.	
nium	MG/KG	1.1	U	1.1	U	1.2		.86	U	.72	UJ	.98	UJ
	MG/KG	.28	U	.3	U	.19	U	.22	U	.19	J	.26	U
um	MG/KG	58.2	U	102.	J	39.8	U	259.	J	129.	J	147.	J
um	MG/KG	1.8	U	1.6	U	1.5	U	1.3	U	1.2	U	2.2	
dium	MG/KG	24.2		22.2		25.1		15.6		12.9		11.2	
	MG/KG	127.		280.		129.		52.2		42.6		68.8	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953	
	LOC ID:	MW12-19		MW12-19	
	SAMP_ID:	123040		123041	
	FIELD QC CODE:	SA		SA	
	SAMP. DEPTH TOP:	0		6	
	SAMP. DEPTH BOT:	0.2		8	
	MATRIX:	SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q
LATILES					
1-Trichloroethane	UG/KG	12.	U	13.	U
2,2-Tetrachloroethane	UG/KG	12.	U	13.	U
2-Trichloroethane	UG/KG	12.	U	13.	U
Dichloroethane	UG/KG	12.	U	13.	U
Dichloroethene	UG/KG	12.	U	13.	U
Dichloroethane	UG/KG	12.	U	13.	U
Dichloroethene (total)	UG/KG	12.	U	13.	U
Dichloropropane	UG/KG	12.	U	13.	U
tone	UG/KG	11.	J	6.	J
zene	UG/KG	12.	U	13.	U
nodichloromethane	UG/KG	12.	U	13.	U
noform	UG/KG	12.	U	13.	U
bon disulfide	UG/KG	12.	U	13.	U
bon tetrachloride	UG/KG	12.	U	13.	U
robenzene	UG/KG	12.	U	13.	U
rodibromomethane	UG/KG	12.	U	13.	U
roethane	UG/KG	12.	U	13.	U
roform	UG/KG	12.	U	13.	U
1,3-Dichloropropene	UG/KG	12.	U	13.	U
l benzene	UG/KG	12.	U	13.	U
hyl bromide	UG/KG	12.	U	13.	U
hyl butyl ketone	UG/KG	12.	U	13.	U
hyl chloride	UG/KG	12.	U	13.	U
hyl ethyl ketone	UG/KG	12.	U	13.	U
hyl isobutyl ketone	UG/KG	12.	U	13.	U
hylene chloride	UG/KG	12.	U	13.	U
ene	UG/KG	12.	U	13.	U
achloroethene	UG/KG	12.	U	13.	U
ene	UG/KG	12.	U	3.	J
l Xylenes	UG/KG	12.	U	13.	U
s-1,3-Dichloropropene	UG/KG	12.	U	13.	U
hloroethene	UG/KG	12.	U	13.	U
l chloride	UG/KG	12.	U	13.	U
MI-VOLATILES					
Dichlorobenzene	UG/KG	1,100.	U	78.	U
Dichlorobenzene	UG/KG	1,100.	U	78.	U
5-Trichlorophenol	UG/KG	2,700.	U	190.	U
6-Trichlorophenol	UG/KG	1,100.	U	78.	UJ
Dichlorophenol	UG/KG	1,100.	U	78.	U
Dimethylphenol	UG/KG	1,100.	UJ	78.	UJ
Dinitrophenol	UG/KG	2,700.	U	190.	R
Dinitrotoluene	UG/KG	1,100.	U	78.	U
Dinitrotoluene	UG/KG	1,100.	U	78.	U
hloronaphthalene	UG/KG	1,100.	UJ	78.	UJ
hlorophenol	UG/KG	1,100.	U	78.	U
ethylphenol	UG/KG	1,100.	U	78.	U
troaniline	UG/KG	2,700.	U	190.	U
trophenol	UG/KG	1,100.	U	78.	U
Dichlorobenzidine	UG/KG	1,100.	U	78.	U
troaniline	UG/KG	2,700.	U	190.	UJ
Dinitro-2-methylphenol	UG/KG	2,700.	U	190.	UJ
omophenyl phenyl ether	UG/KG	1,100.	U	78.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	70953		70953	
		LOC ID:	MW12-19		MW12-19	
		SAMP_ID:	123040		123041	
		FIELD QC CODE:	SA		SA	
		SAMP. DEPTH TOP:	0		6	
		SAMP. DEPTH BOT:	0.2		8	
		MATRIX:	SOIL		SOIL	
		SAMP. DATE:	2-Oct-98		2-Oct-98	
AMETER	UNIT		VALUE	Q	VALUE	Q
oro-3-methylphenol	UG/KG		1,100.	U	78.	U
oroaniline	UG/KG		1,100.	UJ	78.	UJ
orophenyl phenyl ether	UG/KG		1,100.	U	78.	U
thylphenol	UG/KG		1,100.	U	78.	UJ
aphthene	UG/KG		82.	J	78.	U
aphthylene	UG/KG		240.	J	78.	UJ
acene	UG/KG		480.	J	11.	J
o(a)anthracene	UG/KG		3,800.		34	J
o(a)pyrene	UG/KG		3,800.		31	J
o(b)fluoranthene	UG/KG		2,800.		27	J
o(ghi)perylene	UG/KG		2,200.		23.	J
o(k)fluoranthene	UG/KG		4,100.		34	J
-Chloroethoxy)methane	UG/KG		1,100.	U	78.	U
-Chloroethyl)ether	UG/KG		1,100.	U	78.	U
-Chloroisopropyl)ether	UG/KG		1,100.	U	78.	U
-Ethylhexyl)phthalate	UG/KG		1,100.	U	9.	J
benzylphthalate	UG/KG		1,100.	U	78.	UJ
azole	UG/KG		230.	J	4.4	J
sene	UG/KG		3,600.		36.	J
butylphthalate	UG/KG		1,100.	UJ	4.5	J
octylphthalate	UG/KG		1,100.	U	6.5	J
nz(a,h)anthracene	UG/KG		990.	J	12.	J
nzofuran	UG/KG		1,100.	U	78.	U
yl phthalate	UG/KG		1,100.	UJ	78.	UJ
thylphthalate	UG/KG		1,100.	U	78.	U
anthene	UG/KG		6,400.		70.	J
ene	UG/KG		180.	J	7.9	J
chlorobutadiene	UG/KG		1,100.	U	78.	U
chlorocyclopentadiene	UG/KG		1,100.	U	78.	UJ
chloroethane	UG/KG		1,100.	U	78.	U
orone	UG/KG		1,100.	U	78.	U
rosodiphenylamine	UG/KG		1,100.	U	78.	U
rosodipropylamine	UG/KG		1,100.	U	78.	U
thalene	UG/KG		1,100.	U	78.	U
benzene	UG/KG		1,100.	U	78.	U
achlorophenol	UG/KG		2,700.	U	190.	UJ
anthrene	UG/KG		2,200.		53.	J
ol	UG/KG		1,100.	U	78	U
ne	UG/KG		4,400.		63.	J
TICIDES/PCBs						
DD	UG/KG		6.4	J	3.9	U
DE	UG/KG		3.9	U	3.9	U
DT	UG/KG		4.8	J	3.9	U
	UG/KG		2.	U	2.	U
-BHC	UG/KG		2.	U	2.	U
-Chlordane	UG/KG		2.	U	2.	U
or-1016	UG/KG		39.	U	39.	U
or-1221	UG/KG		80.	U	80.	U
or-1232	UG/KG		39.	U	39.	U
or-1242	UG/KG		39.	U	39.	U
or-1248	UG/KG		39.	U	39.	U
or-1254	UG/KG		39.	U	39.	U
or-1260	UG/KG		39.	U	39.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70953

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70953		70953	
	LOC ID:	MW12-19		MW12-19	
	SAMP_ID:	123040		123041	
	FIELD QC CODE:	SA		SA	
	SAMP. DEPTH TOP:	0		6	
	SAMP. DEPTH BOT:	0.2		8	
	MATRIX:	SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q
a-BHC	UG/KG	2.	U	2.	U
ta-BHC	UG/KG	2.	U	2.	U
ldrin	UG/KG	3.9	U	3.9	U
dosulfan I	UG/KG	2.	U	2.	U
dosulfan II	UG/KG	3.9	U	3.9	U
dosulfan sulfate	UG/KG	3.9	U	3.9	U
drin aldehyde	UG/KG	7.8		3.9	U
drin ketone	UG/KG	18.		3.9	U
mma-BHC/Lindane	UG/KG	2.	U	2.	U
mma-Chlordane	UG/KG	1.2	J	2.	U
otachlor	UG/KG	2.	U	2.	U
otachlor epoxide	UG/KG	2.	U	2.	U
thoxychlor	UG/KG	26.	J	20.	U
xaphene	UG/KG	200.	U	200.	U
TALS					
minum	MG/KG	16,000.		10,100.	
imony	MG/KG	1.3	R	1.	R
enic	MG/KG	5.4		2.9	
ium	MG/KG	74.5		87.2	
yllium	MG/KG	.62	J	.43	J
dmium	MG/KG	.06	U	.05	U
cium	MG/KG	13,600.	J	74,200.	J
romium	MG/KG	24.9		16.3	
balt	MG/KG	12.7		7.6	J
pper	MG/KG	18.1		17.5	
anide	MG/KG	.61	UJ	.63	UJ
n	MG/KG	30,000.		17,700.	
ad	MG/KG	9.	J	6.	J
gnesium	MG/KG	5,460.		21,200.	
nganese	MG/KG	534.		359.	
rcury	MG/KG	.06	U	.05	U
kel	MG/KG	33.4		21.	
tassium	MG/KG	1,990.		1,500.	
enium	MG/KG	.96	UJ	.75	UJ
ver	MG/KG	.25	U	.2	U
dium	MG/KG	55.3	J	67.9	J
allium	MG/KG	3.		1.4	U
nadium	MG/KG	25.1		18.8	
c	MG/KG	108.		48.3	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	MW12-19		MW12-18		TP12-16A		TP12-16B		MW12-20		MW12-20	
	SAMP_ID:	123042		123043		123044		123045		123046		123047	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8		0		0.6		2		0		4	
	SAMP. DEPTH BOT:	10		0.2		0.6		2		0.2		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
,2-Tetrachloroethane	UG/KG	11.	R	11.	U	11.	U	12.	U	12.	U	12.	U
-Trichloroethane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
Dichloroethane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
Dichloroethene	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
Dichloroethane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
Dichloroethene (total)	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
Dichloropropane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
one	UG/KG	8.	J	11.	UJ	11.	UJ	12.	UJ	12.	UJ	12.	UJ
ene	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
odichloromethane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
oform	UG/KG	11.	R	11.	U	11.	U	12.	U	12.	U	12.	U
on disulfide	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
on tetrachloride	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
robenzene	UG/KG	11.	R	11.	U	11.	U	12.	U	12.	U	12.	U
rodibromomethane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
roethane	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
roform	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
,3-Dichloropropene	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
benzene	UG/KG	11.	R	11.	U	11.	U	12.	U	12.	U	12.	U
yl bromide	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
yl butyl ketone	UG/KG	11.	UJ	11.	U	11.	U	12.	UJ	12.	UJ	12.	UJ
yl chloride	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
yl ethyl ketone	UG/KG	11.	UJ	11.	U	11.	U	12.	UJ	12.	UJ	12.	UJ
yl isobutyl ketone	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
ylene chloride	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
ne	UG/KG	11.	R	11.	U	11.	U	12.	U	12.	U	12.	U
chloroethene	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
ene	UG/KG	13.	J	26.	J	3.	J	20.		4.	J	4.	J
Xylenes	UG/KG	11.	R	11.	U	11.	U	12.	U	12.	U	12.	U
s-1,3-Dichloropropene	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
loroethene	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
chloride	UG/KG	11.	UJ	11.	U	11.	U	12.	U	12.	U	12.	U
I-VOLATILES													
Dichlorobenzene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
Dichlorobenzene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
-Trichlorophenol	UG/KG	180.	U	170.	U	180.	U	190.	U	200.	U	190.	U
-Trichlorophenol	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
Dichlorophenol	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
Dimethylphenol	UG/KG	75.	UJ	72.	UJ	73.	UJ	77.	UJ	81.	UJ	80.	UJ
Dinitrophenol	UG/KG	180.	R	170.	R	180.	U	190.	U	200.	U	190.	U
Dinitrotoluene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
Dinitrotoluene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
loronaphthalene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
lorophenol	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
thylphenol	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
roaniline	UG/KG	180.	U	170.	U	180.	U	190.	UJ	200.	U	190.	U
rophenol	UG/KG	75.	UJ	72.	UJ	73.	U	77.	U	81.	U	80.	U
Dichlorobenzidine	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
roaniline	UG/KG	180.	UJ	170.	UJ	180.	U	190.	U	200.	U	190.	UJ
Dinitro-2-methylphenol	UG/KG	180.	UJ	170.	UJ	180.	U	190.	U	200.	U	190.	U
omophenyl phenyl ether	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	MW12-19		MW12-18		TP12-16A		TP12-16B		MW12-20		MW12-20	
	SAMP_ID:	123042		123043		123044		123045		123046		123047	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8		0		0.6		2		0		4	
	SAMP. DEPTH BOT:	10		0.2		0.6		2		0.2		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
loro-3-methylphenol	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
loroaniline	UG/KG	75.	UJ	72.	UJ	73.	UJ	77.	UJ	81.	UJ	80.	UJ
lorophenyl phenyl ether	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
thylphenol	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
aphthene	UG/KG	75.	U	72.	U	73.	U	77.	U	11.	J	80.	U
aphthylene	UG/KG	75.	U	72.	U	73.	U	77.	U	14.	J	80.	U
racene	UG/KG	75.	U	72.	U	73.	U	77.	U	23.	J	80.	U
zo(a)anthracene	UG/KG	11.	J	8.	J	15.	J	77.	U	260.		80.	U
zo(a)pyrene	UG/KG	9.9	J	9.4	J	16.	J	4.4	J	270.		80.	U
zo(b)fluoranthene	UG/KG	11.	J	10.	J	20.	J	5.8	J	300.		80.	U
zo(ghi)perylene	UG/KG	11.	J	11.	J	16.	J	77.	U	190.		80.	U
zo(k)fluoranthene	UG/KG	15.	J	11.	J	18.	J	4.7	J	310.		80.	U
2-Chloroethoxy)methane	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
2-Chloroethyl)ether	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
2-Chloroisopropyl)ether	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
2-Ethylhexyl)phthalate	UG/KG	75.	U	72.	U	10.	J	13.	J	15.	J	80.	UJ
lbenzylphthalate	UG/KG	75.	UJ	72.	UJ	73.	U	77.	UJ	81.	U	80.	UJ
azole	UG/KG	4.7	J	72.	UJ	73.	UJ	77.	UJ	29.	J	80.	UJ
sene	UG/KG	18.	J	11.	J	22.	J	5.4	J	310.		80.	U
butylphthalate	UG/KG	75.	UJ	72.	UJ	4.2	J	77.	U	81.	U	80.	U
octylphthalate	UG/KG	75.	U	7.4	J	73.	U	77.	UJ	81.	U	80.	UJ
nz(a,h)anthracene	UG/KG	4.2	J	72.	U	73.	U	77.	U	75.	J	80.	U
nzofuran	UG/KG	75.	U	72.	U	73.	U	77.	U	5.	J	80.	U
yl phthalate	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
ethylphthalate	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
ranthene	UG/KG	28.	J	16.	J	31.	J	5.3	J	440.		80.	U
rene	UG/KG	75.	U	72.	U	73.	U	77.	U	10.	J	80.	U
achlorobutadiene	UG/KG	75.	U	72.	U	73.	UJ	77.	U	81.	UJ	80.	U
achlorocyclopentadiene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
achloroethane	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
horone	UG/KG	75.	UJ	72.	UJ	73.	U	77.	U	81.	U	80.	U
trosodiphenylamine	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
trosodipropylamine	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
thalene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
benzene	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
achlorophenol	UG/KG	180.	U	170.	U	180.	UJ	190.	UJ	200.	UJ	190.	UJ
nanthrene	UG/KG	19.	J	8.2	J	16.	J	77.	U	160.		80.	U
hol	UG/KG	75.	U	72.	U	73.	U	77.	U	81.	U	80.	U
ne	UG/KG	27.	J	14.	J	33.	J	5.8	J	440.		80.	U
TICIDES/PCBs													
DDD	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
DDE	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
DDT	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
n	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
a-BHC	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
a-Chlordane	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
lor-1016	UG/KG	38.	U	36.	U	37.	U	38.	U	41.	U	39.	U
lor-1221	UG/KG	76.	U	73.	U	74.	U	77.	U	82.	U	80.	U
lor-1232	UG/KG	38.	U	36.	U	37.	U	38.	U	41.	U	39.	U
lor-1242	UG/KG	38.	U	36.	U	37.	U	38.	U	41.	U	39.	U
lor-1248	UG/KG	38.	U	36.	U	37.	U	38.	U	41.	U	39.	U
lor-1254	UG/KG	38.	U	36.	U	37.	U	38.	U	41.	U	39.	U
lor-1260	UG/KG	38.	U	36.	U	37.	U	38.	U	41.	U	39.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	MW12-19		MW12-18		TP12-16A		TP12-16B		MW12-20		MW12-20	
	SAMP_ID:	123042		123043		123044		123045		123046		123047	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8		0		0.6		2		0		4	
	SAMP. DEPTH BOT:	10		0.2		0.6		2		0.2		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	2-Oct-98		2-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
BHC	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
BHC	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
in	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
ulfan I	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
ulfan II	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
ulfan sulfate	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
aldehyde	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
ketone	UG/KG	3.8	U	3.6	U	3.7	U	3.8	U	4.1	U	3.9	U
ha-BHC/Lindane	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
ha-Chlordane	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
chlor	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
chlor epoxide	UG/KG	1.9	U	1.8	U	1.9	U	1.9	U	2.1	U	2.	U
xychlor	UG/KG	19.	U	18.	U	19.	U	19.	U	21.	U	20.	U
hene	UG/KG	190.	U	180.	U	190.	U	190.	U	210.	U	200.	U
LS													
num	MG/KG	12,200.		7,580.		15,000.		14,900.		20,800.		21,200.	
ony	MG/KG	.97	R	1.1	R	1.1	R	.95	R	1.3	R	1.1	R
ic	MG/KG	2.5		3.7		3.6		4.8		3.5		5.8	
n	MG/KG	58.4		58.1		105.		70.1		102.		127.	
um	MG/KG	.55	J	.23	J	.53	J	.6	J	.78	J	.96	
ium	MG/KG	.05	U	.05	U	.05	U	.05	U	.06	U	.05	U
m	MG/KG	24,300.	J	88,500.	J	13,500.	J	20,000.	J	7,950.	J	3,700.	J
nium	MG/KG	16.5	J	9.4	J	18.	J	19.1	J	25.1	J	30.	J
t	MG/KG	10.4		8.6	J	10.8		11.7		13.6		16.	
er	MG/KG	27.5		19.3		27.3		73.3		21.4		44.7	
de	MG/KG	.57	U	.54	U	.58	U	.59	U	.64	U	.61	U
	MG/KG	25,200.		15,900.		27,400.		29,200.		34,000.		44,500.	
	MG/KG	16.1	J	8.5	J	99.3	J	64.7	J	17.1	J	27.1	J
esium	MG/KG	6,380.		13,000.		4,930.		6,190.		6,020.		8,040.	
anese	MG/KG	278.	J	517.	J	479.	J	351.	J	629.	J	517.	J
ry	MG/KG	.06	UJ	.05	UJ	.05	UJ	.11		.06	UJ	.06	UJ
	MG/KG	36.4	J	21.4	J	27.7	J	36.4	J	35.3	J	64.5	J
sium	MG/KG	1,550.		1,600.		2,280.		2,810.		2,660.		2,320.	
um	MG/KG	.37	U	.41	U	.43	J	.36	U	.48	U	.42	U
	MG/KG	.19	U	.27	J	.21	U	.19	U	.25	U	.32	J
m	MG/KG	84.2	J	276.	J	44.8	U	39.4	U	71.9	J	125.	J
um	MG/KG	.83	UJ	.92	UJ	.92	UJ	.81	UJ	1.1	UJ	.94	UJ
dium	MG/KG	18.1		14.5		23.4		22.4		32.2		33.1	
	MG/KG	56.	J	40.6	J	140.	J	123.	J	98.2	J	124.	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID.	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	MW12-20		MW12-21		MW12-21		MW12-21		TP12-13A		TP12-13B	
	SAMP_ID:	123048		123049		123050		123051		123052		123053	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	6		0		4		6		0.8		5.5	
	SAMP. DEPTH BOT:	8		0.8		6		8		0.8		5.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
,2-Tetrachloroethane	UG/KG	12.	UJ	12.	U	11.	U	11.	U	11.	U	11.	U
-Trichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ichloroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ichloroethene (total)	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ichloropropane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ne	UG/KG	12.	UJ	12.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
ene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
odichloromethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
oform	UG/KG	12.	UJ	12.	U	11.	U	11.	U	11.	U	11.	U
on disulfide	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
on tetrachloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
obenzene	UG/KG	12.	UJ	12.	U	11.	U	11.	U	11.	U	11.	U
odibromomethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
oethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
oform	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
,3-Dichloropropene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
benzene	UG/KG	12.	UJ	12.	U	11.	U	11.	U	11.	U	11.	U
yl bromide	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
yl butyl ketone	UG/KG	12.	UJ	12.	UJ	11.	U	11.	U	11.	U	11.	U
yl chloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
yl ethyl ketone	UG/KG	12.	UJ	12.	UJ	11.	U	11.	U	11.	U	11.	U
yl isobutyl ketone	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ylene chloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ne	UG/KG	12.	UJ	12.	U	11.	U	11.	U	11.	U	11.	U
chloroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ene	UG/KG	7.	J	12.	U	11.	U	11.	U	4.	J	11.	U
Xylenes	UG/KG	12.	UJ	12.	U	11.	U	11.	U	11.	U	11.	U
-1,3-Dichloropropene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
oroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
chloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
-VOLATILES													
ichlorobenzene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
ichlorobenzene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
-Trichlorophenol	UG/KG	180.	U	200.	U	170.	U	170.	U	180.	U	180.	U
-Trichlorophenol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
ichlorophenol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
imethylphenol	UG/KG	75.	UJ	84.	UJ	72.	UJ	72.	UJ	76.	UJ	76.	UJ
initrophenol	UG/KG	180.	U	200.	U	170.	U	170.	U	180.	U	180.	U
initrotoluene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
initrotoluene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
oronaphthalene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
orophenol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
thylphenol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
oaniline	UG/KG	180.	U	200.	U	170.	U	170.	U	180.	U	180.	U
ophenol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
Dichlorobenzidine	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
oaniline	UG/KG	180.	UJ	200.	UJ	170.	U	170.	UJ	180.	U	180.	UJ
initro-2-methylphenol	UG/KG	180.	U	200.	U	170.	U	170.	U	180.	U	180.	U
mophenyl phenyl ether	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U

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PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	MW12-20		MW12-21		MW12-21		MW12-21		TP12-13A		TP12-13B	
	SAMP_ID:	123048		123049		123050		123051		123052		123053	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	6		0		4		6		0.8		5.5	
	SAMP. DEPTH BOT:	8		0.8		6		8		0.8		5.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oro-3-methylphenol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
oroaniline	UG/KG	75.	UJ	84.	UJ	72.	UJ	72.	UJ	76.	UJ	76.	UJ
orophenyl phenyl ether	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
hylphenol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
aphthene	UG/KG	75.	U	4.3	J	72.	U	72.	U	76.	U	76.	U
aphthylene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	7.2	J
acene	UG/KG	4.1	J	84.	U	72.	U	72.	U	4.8	J	17.	J
o(a)anthracene	UG/KG	22.	J	24.	J	72.	U	72.	U	27.	J	78.	
o(a)pyrene	UG/KG	20.	J	25.	J	72.	U	72.	U	30.	J	76.	
o(b)fluoranthene	UG/KG	18.	J	29.	J	72.	U	72.	U	29.	J	66.	J
o(ghi)perylene	UG/KG	17.	J	23.	J	11.	J	72.	U	48.	J	63.	J
o(k)fluoranthene	UG/KG	22.	J	30.	J	72.	U	72.	U	41.	J	89.	
Chloroethoxy)methane	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
Chloroethyl)ether	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
Chloroisopropyl)ether	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
Ethylhexyl)phthalate	UG/KG	14.	J	17.	J	16.	J	12.	J	12.	J	9.8	J
enzylphthalate	UG/KG	75.	UJ	84.	UJ	72.	U	72.	UJ	76.	U	76.	UJ
zole	UG/KG	75.	UJ	7.	J	72.	UJ	72.	UJ	5.4	J	15.	J
ene	UG/KG	24.	J	32.	J	4.4	J	4.3	J	38.	J	87.	
utylphthalate	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
ctylphthalate	UG/KG	11.	J	6.2	J	9.5	J	21.	J	76.	U	76.	UJ
z(a,h)anthracene	UG/KG	75.	U	84.	U	72.	U	72.	U	11.	J	28.	J
zofuran	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
l phthalate	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
hylphthalate	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
anthene	UG/KG	52.	J	50.	J	72.	U	3.7	J	64.	J	180.	
ene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	10.	J
chlorobutadiene	UG/KG	75.	U	84.	U	72.	UJ	72.	U	76.	UJ	76.	U
chlorocyclopentadiene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
chloroethane	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
orone	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
osodiphenylamine	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
osodipropylamine	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
thalene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
enzene	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
chlorophenol	UG/KG	180.	UJ	200.	UJ	170.	UJ	170.	UJ	180.	UJ	180.	UJ
anthrene	UG/KG	25.	J	38.	J	72.	U	5.4	J	39.	J	110.	
ol	UG/KG	75.	U	84.	U	72.	U	72.	U	76.	U	76.	U
e	UG/KG	43.	J	56.	J	72.	U	6.8	J	64.	J	180.	
TICIDES/PCBs													
DD	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
DE	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
DT	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
-BHC	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
-Chlordane	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
or-1016	UG/KG	37.	U	42.	U	36.	U	36.	U	38.	U	38.	U
or-1221	UG/KG	78.	U	85.	U	73.	U	73.	U	77.	U	77.	U
or-1232	UG/KG	37.	U	42.	U	36.	U	36.	U	38.	U	38.	U
or-1242	UG/KG	37.	U	42.	U	36.	U	36.	U	38.	U	38.	U
or-1248	UG/KG	37.	U	42.	U	36.	U	36.	U	38.	U	38.	U
or-1254	UG/KG	37.	U	42.	U	36.	U	36.	U	38.	U	38.	U
or-1260	UG/KG	37.	U	42.	U	36.	U	36.	U	38.	U	38.	U

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PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	MW12-20		MW12-21		MW12-21		MW12-21		TP12-13A		TP12-13B	
	SAMP_ID:	123048		123049		123050		123051		123052		123053	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	6		0		4		6		0.8		5.5	
	SAMP. DEPTH BOT:	8		0.8		6		8		0.8		5.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98		3-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-BHC	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
-BHC	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
rin	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
sulfan I	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
sulfan II	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
sulfan sulfate	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
in aldehyde	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
in ketone	UG/KG	3.7	U	4.2	U	3.6	U	3.6	U	3.8	U	3.8	U
ma-BHC/Lindane	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
ma-Chlordane	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
achlor	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
achlor epoxide	UG/KG	1.9	U	2.2	U	1.8	U	1.8	U	2.	U	1.9	U
oxychlor	UG/KG	19.	U	22.	U	18.	U	18.	U	20.	U	19.	U
phene	UG/KG	190.	U	220.	U	180.	U	180.	U	200.	U	190.	U
ALS													
inum	MG/KG	14,500.		15,500.		8,730.		3,760.		9,630.		8,880.	
nony	MG/KG	.98	R	1.4	R	1.2	R	.99	R	.95	R	1.2	R
nic	MG/KG	3.6		3.8		2.7		4.5		3.9		3.2	
m	MG/KG	62.		116.		47.7		92.1		86.6		79.7	
lium	MG/KG	.61	J	.62	J	.34	J	.29	J	.29	J	.32	J
nium	MG/KG	.05	U	.07	U	.06	U	.05	U	13.3		.06	U
um	MG/KG	2,010.	J	4,020.	J	75,500.	J	151,000.	J	11,600.	J	31,800.	J
mium	MG/KG	23.3	J	18.3	J	12.1	J	4.2	J	11.8	J	11.7	J
lt	MG/KG	13.3		11.5	J	10.8		7.3	J	10.4		8.5	J
per	MG/KG	28.8		23.1		25.2		22.		33.5		23.8	
ide	MG/KG	.57	U	.66	U	.57	U	.54	U	.59	U	.59	U
	MG/KG	29,600.		24,900.		19,200.		17,000.		34,500.		17,600.	
	MG/KG	19.1	J	23.	J	9.7	J	17.6	J	284.	J	151.	J
nesium	MG/KG	6,090.		4,280.		14,300.		6,630.		5,250.		15,200.	
ganese	MG/KG	287.	J	554.	J	347.	J	395.	J	792.	J	430.	J
ury	MG/KG	.11	J	.06	U	.05	UJ	.05	UJ	.14	J	.1	J
el	MG/KG	49.1	J	25.5	J	28.6	J	21.5	J	24.5	J	19.	J
ssium	MG/KG	1,640.		2,560.		1,580.		1,050.		1,470.		1,200.	
nium	MG/KG	37	U	.54	U	.44	U	.39	J	.36	U	.45	U
r	MG/KG	.19	U	.28	U	.23	U	.2	U	.19	U	.24	U
um	MG/KG	103.	J	59.7	U	48.2	U	84.6	J	748.	J	49.6	U
ium	MG/KG	.84	UJ	1.2	U	.99	U	.85	U	.81	U	1.	U
dium	MG/KG	19.2		25.1		14.9		10.2		17.2		15.3	
	MG/KG	120.	J	83.4	J	69.1	J	53.1	J	3,370.	J	117.	J

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PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	TP12-13C		TP12-10A		TP12-10B		TP12-10C		TP12-22AA		TP12-22BA	
	SAMP_ID:	123054		123055		123056		123057		123058		123059	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	1.5		1		2		5.5		0.5		0.5	
	SAMP. DEPTH BOT:	1.5		1		2		5.5		0.5		0.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
TILES													
Trichloroethane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
2-Tetrachloroethane	UG/KG	11.	U	12.	UJ	13.	UJ	12.	U	12.	UJ	12.	UJ
Trichloroethane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
chloroethane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
chloroethene	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
chloroethane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
chloroethene (total)	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
chloropropane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
ne	UG/KG	11.	UJ	12.	UJ	13.	UJ	12.	UJ	12.	UJ	12.	UJ
ene	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
odichloromethane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
oform	UG/KG	11.	U	12.	UJ	13.	UJ	12.	U	12.	UJ	12.	UJ
n disulfide	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
n tetrachloride	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
obenzene	UG/KG	11.	U	12.	UJ	13.	UJ	12.	U	12.	UJ	12.	UJ
odibromomethane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
oethane	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
oform	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
3-Dichloropropene	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
benzene	UG/KG	11.	U	12.	UJ	13.	UJ	12.	U	12.	UJ	12.	UJ
l bromide	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
l butyl ketone	UG/KG	11.	UJ	12.	UJ	13.	UJ	12.	UJ	12.	UJ	12.	UJ
l chloride	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
l ethyl ketone	UG/KG	11.	UJ	12.	UJ	13.	UJ	12.	UJ	12.	UJ	12.	UJ
l isobutyl ketone	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
lene chloride	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
ne	UG/KG	11.	U	12.	UJ	13.	UJ	12.	U	12.	UJ	12.	UJ
chloroethene	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
ne	UG/KG	6.	J	12.	U	13.	U	12.	U	10.	J	12.	UJ
Xylenes	UG/KG	11.	U	12.	UJ	13.	UJ	12.	U	12.	UJ	12.	UJ
-1,3-Dichloropropene	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
proethene	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	UJ	12.	UJ
chloride	UG/KG	11.	U	12.	U	13.	U	12.	U	12.	U	12.	U
-VOLATILES													
chlorobenzene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
chlorobenzene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
Trichlorophenol	UG/KG	180.	U	190.	U	200.	U	160.	U	200.	U	190.	U
Trichlorophenol	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
ichlorophenol	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
imethylphenol	UG/KG	73.	UJ	77.	UJ	81.	UJ	66.	UJ	80.	UJ	80.	UJ
initrophenol	UG/KG	180.	U	190.	U	200.	U	160.	U	200.	U	190.	U
initrotoluene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
initrotoluene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
bronaphthalene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
brophenol	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
hylphenol	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
baniline	UG/KG	180.	U	190.	U	200.	U	160.	U	200.	U	190.	U
ophenol	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
ichlorobenzidine	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
baniline	UG/KG	180.	UJ	190.	UJ	200.	U	160.	UJ	200.	U	190.	U
nitro-2-methylphenol	UG/KG	180.	U	190.	U	200.	U	160.	U	200.	U	190.	U
mophenyl phenyl ether	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	TP12-13C		TP12-10A		TP12-10B		TP12-10C		TP12-22AA		TP12-22BA	
	SAMP_ID:	123054		123055		123056		123057		123058		123059	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	1.5		1		2		5.5		0.5		0.5	
	SAMP. DEPTH BOT:	1.5		1		2		5.5		0.5		0.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
loro-3-methylphenol	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
loroaniline	UG/KG	73.	UJ	77.	UJ	81.	UJ	66.	UJ	80.	UJ	80.	UJ
lorophenyl phenyl ether	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
ethylphenol	UG/KG	73.	U	77.	U	8.6	J	6.6	J	80.	U	80.	U
naphthene	UG/KG	73.	U	77.	U	81.	U	15.	J	80.	U	80.	U
naphthylene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
racene	UG/KG	5.8	J	77.	U	81.	U	21.	J	80.	U	80.	U
zo(a)anthracene	UG/KG	38.	J	77	U	14.	J	60.	J	8.9	J	6.4	J
zo(a)pyrene	UG/KG	44.	J	77.	U	15.	J	63.	J	10.	J	8.5	J
zo(b)fluoranthene	UG/KG	49.	J	77.	U	19.	J	66.		12.	J	12.	J
zo(ghi)perylene	UG/KG	58.	J	77.	U	14.	J	43.	J	11.	J	7.6	J
zo(k)fluoranthene	UG/KG	45.	J	77.	U	17.	J	65.	J	14.	J	9.9	J
2-Chloroethoxy)methane	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
2-Chloroethyl)ether	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
2-Chloroisopropyl)ether	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
2-Ethylhexyl)phthalate	UG/KG	8.5	J	9.2	J	81.	U	66.	UJ	14.	J	11.	J
lbenzylphthalate	UG/KG	73.	UJ	6.2	J	5.2	J	66.	UJ	80.	U	80.	U
bazole	UG/KG	7.2	J	77.	UJ	81.	UJ	27.	J	80.	UJ	80.	UJ
rsene	UG/KG	49.	J	77.	U	20.	J	72.		14.	J	12.	J
-butylphthalate	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
-octylphthalate	UG/KG	73.	UJ	77.	UJ	81.	U	66.	UJ	80.	U	80.	U
nz(a,h)anthracene	UG/KG	19.	J	77.	U	6.7	J	18.	J	80.	U	80.	U
nzofuran	UG/KG	73.	U	77.	U	81.	U	7.1	J	80.	U	80.	U
nyl phthalate	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
ethylphthalate	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
ranthene	UG/KG	71.	J	77.	U	28.	J	170.		18.	J	16.	J
rene	UG/KG	73.	U	77.	U	81.	U	14.	J	80.	U	80.	U
achlorobutadiene	UG/KG	73.	U	77.	U	81.	UJ	66.	U	80.	UJ	80.	UJ
achlorocyclopentadiene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
achloroethane	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
horone	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
trosodiphenylamine	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
trosodipropylamine	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
nthalene	UG/KG	73.	U	77.	U	81.	U	8.6	J	80.	U	80.	U
benzene	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
tachlorophenol	UG/KG	180.	UJ	190.	UJ	200.	UJ	160.	UJ	200.	UJ	190.	UJ
nanthrene	UG/KG	38.	J	77.	U	17.	J	140.		12.	J	11.	J
nol	UG/KG	73.	U	77.	U	81.	U	66.	U	80.	U	80.	U
ne	UG/KG	81.		77.	U	28.	J	160.		18.	J	14.	J
TICIDES/PCBs													
DDD	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	3.2	J	3.9	U
DDE	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	4.	U	3.9	U
DDT	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	4.	U	3.9	U
n	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
a-BHC	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
a-Chlordane	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
lor-1016	UG/KG	37.	U	38.	U	41.	U	41.	U	40.	U	39.	U
lor-1221	UG/KG	74.	U	78.	U	82.	U	83.	U	81.	U	79.	U
lor-1232	UG/KG	37.	U	38.	U	41.	U	41.	U	40.	U	39.	U
lor-1242	UG/KG	37.	U	38.	U	41.	U	41.	U	40.	U	39.	U
lor-1248	UG/KG	37.	U	38.	U	41.	U	41.	U	40.	U	39.	U
lor-1254	UG/KG	37.	U	38.	U	41.	U	41.	U	40.	U	39.	U
lor-1260	UG/KG	37.	U	38.	U	41.	U	41.	U	40.	U	39.	U

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PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960		70960		70960		70960		70960	
	LOC ID:	TP12-13C		TP12-10A		TP12-10B		TP12-10C		TP12-22AA		TP12-22BA	
	SAMP_ID:	123054		123055		123056		123057		123058		123059	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	1.5		1		2		5.5		0.5		0.5	
	SAMP. DEPTH BOT:	1.5		1		2		5.5		0.5		0.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
BHC	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
-BHC	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
rin	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	4.	U	3.9	U
sulfan I	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
sulfan II	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	4.	U	3.9	U
sulfan sulfate	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	4.	U	3.9	U
n aldehyde	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	4.	U	3.9	U
n ketone	UG/KG	3.7	U	3.8	U	4.1	U	4.1	U	4.	U	3.9	U
ma-BHC/Lindane	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
ma-Chlordane	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
achlor	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
achlor epoxide	UG/KG	1.9	U	2.	U	2.1	U	2.1	U	2.	U	2.	U
oxychlor	UG/KG	19.	U	20.	U	21.	U	21.	U	20.	U	20.	U
ohene	UG/KG	190.	U	200.	U	210.	U	210.	U	200.	U	200.	U
ALS													
inum	MG/KG	10,000.		13,500.		13,100.		11,400.		14,800.		13,200.	
ony	MG/KG	1.2	R	1.1	R	1.1	R	1.1	R	1.	R	1.4	R
nic	MG/KG	4.2		3.		3.2		1.8	J	3.1		2.8	
m	MG/KG	98.		121.		130.		87.4		128.		135.	
lium	MG/KG	.34	J	.54	J	.46	J	.58	J	.76	J	.09	J
nium	MG/KG	.06	U	.05	U	.05	U	.06	U	.05	U	.07	U
um	MG/KG	7,320.	J	9,190.	J	4,990.	J	8,680.	J	5,610.	J	3,330.	J
mium	MG/KG	11.4	J	18.6	J	15.7	J	13.3	J	13.1	J	15.9	J
lt	MG/KG	8.7	J	12.6		11.7		9.	J	7.8	J	16.6	
er	MG/KG	26.8		27.4		16.1		19.6		29.2		12.8	
ide	MG/KG	.57	U	.61	U	.62	U	.69	U	.62	U	.64	U
	MG/KG	19,300.		26,700.		28,600.		20,300.		20,200.		24,800.	
	MG/KG	96.9	J	13.8	J	67.	J	16.8	J	21.1	J	42.	J
esium	MG/KG	4,380.		5,220.		4,010.		3,920.		3,510.		3,160.	
anese	MG/KG	541.	J	487.	J	882.	J	296.	J	558.	J	2,240.	J
ury	MG/KG	.16	J	.06	UJ	.05	UJ	.08	J	.06	UJ	.06	UJ
l	MG/KG	16.4	J	35.4	J	25.2	J	23.8	J	22.7	J	21.9	J
ssium	MG/KG	1,630.		1,110.		1,170.		1,060.		1,990.		1,350.	
nium	MG/KG	.52	J	.42	U	.43	J	.43	U	.59	J	1.8	
	MG/KG	.24	U	.22	U	.25	J	.22	U	.2	U	.27	U
um	MG/KG	50.4	U	46.1	U	45.9	U	46.9	U	41.5	U	55.9	U
um	MG/KG	1.	U	.95	U	.95	U	.97	U	.86	U	1.2	U
dium	MG/KG	17.5		19.7		21.3		18.		20.4		23.5	
	MG/KG	114.	J	79.8	J	77.6	J	74.9	J	75.2	J	60.9	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960	
	LOC ID:	TP12-22BB		TP12-16	
	SAMP_ID:	123060		123078	
	FIELD QC CODE:	SA		SA	
	SAMP. DEPTH TOP:	1.5		0.5	
	SAMP. DEPTH BOT:	1.5		2	
	MATRIX:	SOIL		SOIL	
	SAMP. DATE:	4-Oct-98		3-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q
ATILES					
-Trichloroethane	UG/KG	12.	U	12.	UJ
,2-Tetrachloroethane	UG/KG	12.	U	12.	UJ
2-Trichloroethane	UG/KG	12.	U	12.	UJ
Dichloroethane	UG/KG	12.	U	12.	UJ
Dichloroethene	UG/KG	12.	U	12.	UJ
Dichloroethane	UG/KG	12.	U	12.	UJ
Dichloroethene (total)	UG/KG	12.	U	12.	UJ
Dichloropropane	UG/KG	12.	U	12.	UJ
one	UG/KG	12.	UJ	12.	UJ
zene	UG/KG	12.	U	12.	UJ
nodichloromethane	UG/KG	12.	U	12.	UJ
noform	UG/KG	12.	U	12.	UJ
on disulfide	UG/KG	12.	U	12.	UJ
on tetrachloride	UG/KG	12.	U	12.	UJ
robenzene	UG/KG	12.	U	12.	UJ
rodibromomethane	UG/KG	12.	U	12.	UJ
roethane	UG/KG	12.	U	12.	UJ
roform	UG/KG	12.	U	12.	UJ
,3-Dichloropropene	UG/KG	12.	U	12.	UJ
l benzene	UG/KG	12.	U	12.	UJ
yl bromide	UG/KG	12.	U	12.	UJ
yl butyl ketone	UG/KG	12.	UJ	12.	UJ
yl chloride	UG/KG	12.	U	12.	UJ
yl ethyl ketone	UG/KG	12.	UJ	12.	UJ
yl isobutyl ketone	UG/KG	12.	U	12.	UJ
ylene chloride	UG/KG	12.	U	12.	UJ
ene	UG/KG	12.	U	12.	UJ
achloroethene	UG/KG	12.	U	12.	UJ
ene	UG/KG	12.	U	8.	UJ
l Xylenes	UG/KG	12.	U	12.	UJ
s-1,3-Dichloropropene	UG/KG	12.	U	12.	UJ
loroethene	UG/KG	12.	U	12.	UJ
l chloride	UG/KG	12.	U	12.	UJ
I-VOLATILES					
Dichlorobenzene	UG/KG	72.	U	72.	U
Dichlorobenzene	UG/KG	72.	U	72.	U
-Trichlorophenol	UG/KG	180.	U	170.	U
-Trichlorophenol	UG/KG	72.	U	72.	U
Dichlorophenol	UG/KG	72.	U	72.	U
Dimethylphenol	UG/KG	72.	UJ	72.	UJ
Dinitrophenol	UG/KG	180.	U	170.	U
Dinitrotoluene	UG/KG	72.	U	72.	U
Dinitrotoluene	UG/KG	72.	U	72.	U
loronaphthalene	UG/KG	72.	U	72.	U
lorophenol	UG/KG	72.	U	72.	U
thylphenol	UG/KG	72.	U	72.	U
roaniline	UG/KG	180.	U	170.	U
rophenol	UG/KG	72.	U	72.	U
Dichlorobenzidine	UG/KG	72.	U	72.	U
roaniline	UG/KG	180.	U	170.	U
Dinitro-2-methylphenol	UG/KG	180.	U	170.	U
omophenyl phenyl ether	UG/KG	72.	U	72.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

		STUDY ID.	RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	70960		70960	
		LOC ID:	TP12-22BB		TP12-16	
		SAMP_ID.	123060		123078	
		FIELD QC CODE:	SA		SA	
		SAMP. DEPTH TOP:	1.5		0.5	
		SAMP. DEPTH BOT:	1.5		2	
		MATRIX:	SOIL		SOIL	
		SAMP. DATE:	4-Oct-98		3-Oct-98	
RAMETER	UNIT		VALUE	Q	VALUE	Q
hloro-3-methylphenol	UG/KG		72.	U	72.	U
hloroaniline	UG/KG		72.	UJ	72.	UJ
hlorophenyl phenyl ether	UG/KG		72.	U	72.	U
ethylphenol	UG/KG		72.	U	72.	U
naphthene	UG/KG		72.	U	72.	U
naphthylene	UG/KG		72.	U	72.	U
racene	UG/KG		72.	U	72.	U
zo(a)anthracene	UG/KG		72.	U	13.	J
zo(a)pyrene	UG/KG		72.	U	13.	J
zo(b)fluoranthene	UG/KG		72.	U	19	J
zo(ghi)perylene	UG/KG		72.	U	26.	J
zo(k)fluoranthene	UG/KG		72.	U	16.	J
2-Chloroethoxy)methane	UG/KG		72.	U	72.	U
2-Chloroethyl)ether	UG/KG		72.	U	72.	U
2-Chloroisopropyl)ether	UG/KG		72.	U	72.	U
2-Ethylhexyl)phthalate	UG/KG		72.	U	8.	J
lbenzylphthalate	UG/KG		72.	U	72.	U
bazole	UG/KG		72.	UJ	72.	UJ
rsene	UG/KG		72.	U	26.	J
-butylphthalate	UG/KG		72.	U	4.3	J
-octylphthalate	UG/KG		72.	U	72.	U
enz(a,h)anthracene	UG/KG		72.	U	72.	U
enzofuran	UG/KG		72.	U	72.	U
hyl phthalate	UG/KG		72.	U	72.	U
ethylphthalate	UG/KG		72.	U	72.	U
ranthene	UG/KG		72.	U	30.	J
rene	UG/KG		72.	U	72.	U
achlorobutadiene	UG/KG		72.	UJ	72.	UJ
achlorocyclopentadiene	UG/KG		72.	U	72.	U
achloroethane	UG/KG		72.	U	72.	U
horone	UG/KG		72.	U	72.	U
trosodiphenylamine	UG/KG		72.	U	72.	U
trosodipropylamine	UG/KG		72.	U	72.	U
hthalene	UG/KG		72.	U	72.	U
benzene	UG/KG		72.	U	72.	U
tachlorophenol	UG/KG		180.	UJ	170.	UJ
nanthrene	UG/KG		72.	U	20.	J
nol	UG/KG		72.	U	72.	U
ene	UG/KG		72.	U	30.	J
TICIDES/PCBs						
DDD	UG/KG		3.6	U	3.6	U
DDE	UG/KG		3.6	U	3.6	U
DDT	UG/KG		3.6	U	3.6	U
in	UG/KG		1.9	U	1.8	U
a-BHC	UG/KG		1.9	U	1.8	U
a-Chlordane	UG/KG		1.9	U	1.8	U
lor-1016	UG/KG		36.	U	36.	U
lor-1221	UG/KG		74.	U	72.	U
lor-1232	UG/KG		36.	U	36.	U
lor-1242	UG/KG		36.	U	36.	U
lor-1248	UG/KG		36.	U	36.	U
lor-1254	UG/KG		36.	U	36.	U
lor-1260	UG/KG		36.	U	36.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 70960

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	70960		70960	
	LOC ID:	TP12-22BB		TP12-16	
	SAMP_ID:	123060		123078	
	FIELD QC CODE:	SA		SA	
	SAMP. DEPTH TOP:	1.5		0.5	
	SAMP. DEPTH BOT:	1.5		2	
	MATRIX:	SOIL		SOIL	
	SAMP. DATE:	4-Oct-98		3-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q
a-BHC	UG/KG	1.9	U	1.8	U
a-BHC	UG/KG	1.9	U	1.8	U
drin	UG/KG	3.6	U	3.6	U
losulfan I	UG/KG	1.9	U	1.8	U
losulfan II	UG/KG	3.6	U	3.6	U
losulfan sulfate	UG/KG	3.6	U	3.6	U
drin aldehyde	UG/KG	3.6	U	3.6	U
drin ketone	UG/KG	3.6	U	3.6	U
mma-BHC/Lindane	UG/KG	1.9	U	1.8	U
mma-Chlordane	UG/KG	1.9	U	1.8	U
otachlor	UG/KG	1.9	U	1.8	U
otachlor epoxide	UG/KG	1.9	U	1.8	U
thoxychlor	UG/KG	19.	U	18.	U
xaphene	UG/KG	190.	U	180.	U
TALS					
minum	MG/KG	13,100.		9,600.	
timony	MG/KG	1.2	R	1.1	R
senic	MG/KG	3.7		3.2	
rium	MG/KG	70.9		76.3	
yllium	MG/KG	.59	J	.27	J
dmium	MG/KG	.06	U	.12	J
lcium	MG/KG	1,550.	J	16,400.	J
romium	MG/KG	23.4	J	15.3	J
balt	MG/KG	9.6	J	14.9	
pper	MG/KG	14.7		41.	
anide	MG/KG	.56	U	.54	U
	MG/KG	24,800.		23,500.	
d	MG/KG	10.3	J	88.9	J
gnesium	MG/KG	4,290.		5,780.	
nganese	MG/KG	367.	J	723.	J
rcury	MG/KG	.05	UJ	.08	J
kel	MG/KG	20.5	J	36.4	J
assium	MG/KG	1,290.		1,340.	
enium	MG/KG	.47	U	.46	J
ver	MG/KG	.26	J	.21	U
dium	MG/KG	51.	U	97.6	J
allium	MG/KG	1.1	U	.92	U
nadium	MG/KG	29.3		15.3	
c	MG/KG	38.8	J	256.	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	TP12-17B		TP12-17C		TP12-17A		MW12-27		MW12-27		MW12-27	
	SAMP_ID:	123034		123035		123036		123061		123062		123063	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		3		2		0		2		4	
	SAMP. DEPTH BOT:	0.5		3		2		0.2		4		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	6-Oct-98		6-Oct-98		6-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
,2-Tetrachloroethane	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
-Trichloroethane	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
Dichloroethane	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
Dichloroethene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
Dichloroethane	UG/KG	12.	U	12.	U	12.	U	12.	UJ	11.	UJ	11.	UJ
Dichloroethene (total)	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
Dichloropropane	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
one	UG/KG	26.	U	12.	U	12.	U	12.	UJ	11.	UJ	4.	J
ene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
odichloromethane	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
oform	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
on disulfide	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
on tetrachloride	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
robenzene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
rodibromomethane	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
roethane	UG/KG	12.	U	12.	U	12.	U	12.	UJ	11.	UJ	11.	UJ
roform	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
,3-Dichloropropene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
benzene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
yl bromide	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
yl butyl ketone	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
yl chloride	UG/KG	12.	U	12.	U	12.	U	12.	UJ	11.	UJ	11.	UJ
yl ethyl ketone	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
yl isobutyl ketone	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
ylene chloride	UG/KG	99.		64.		100.		12.	U	11.	U	11.	U
ne	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
chloroethene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
ene	UG/KG	12.	U	12.	U	12.	U	12.	U	9.	J	5.	J
Xylenes	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
s-1,3-Dichloropropene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
loroethene	UG/KG	12.	U	12.	U	12.	U	12.	U	11.	U	11.	U
chloride	UG/KG	12.	U	12.	U	12.	U	12.	UJ	11.	UJ	11.	UJ
-VOLATILES													
Dichlorobenzene	UG/KG	78.	U	78.	U	78.	U	85.	UJ	74.	UJ	73.	UJ
Dichlorobenzene	UG/KG	78.	U	78.	U	78.	U	85.	UJ	74.	UJ	73.	UJ
-Trichlorophenol	UG/KG	190.	U	190.	U	190.	U	200.	U	180.	U	180.	U
-Trichlorophenol	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
Dichlorophenol	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
Dimethylphenol	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
Dinitrophenol	UG/KG	190.	U	190.	U	190.	U	200.	U	180.	U	180.	U
Dinitrotoluene	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
Dinitrotoluene	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
loronaphthalene	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
lorophenol	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
thylphenol	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
roaniline	UG/KG	190.	U	190.	U	190.	U	200.	U	180.	U	180.	U
rophenol	UG/KG	78.	U	78.	U	78.	U	85.	UJ	74.	UJ	73.	UJ
Dichlorobenzidine	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
roaniline	UG/KG	190.	U	190.	U	190.	U	200.	U	180.	U	180.	U
nitro-2-methylphenol	UG/KG	190.	U	190.	U	190.	U	200.	U	180.	U	180.	U
mophenyl phenyl ether	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	TP12-17B		TP12-17C		TP12-17A		MW12-27		MW12-27		MW12-27	
	SAMP_ID:	123034		123035		123036		123061		123062		123063	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		3		2		0		2		4	
	SAMP. DEPTH BOT:	0.5		3		2		0.2		4		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	6-Oct-98		6-Oct-98		6-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
hloro-3-methylphenol	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
hloroaniline	UG/KG	78.	UJ	78.	UJ	78.	UJ	85.	UJ	74.	UJ	73.	UJ
hlorophenyl phenyl ether	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
ethylphenol	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
naphthene	UG/KG	10.	J	78.	U	78.	U	85.	U	74.	U	73.	U
naphthylene	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
hracene	UG/KG	18.	J	78.	U	78.	U	85.	U	74.	U	73.	U
zo(a)anthracene	UG/KG	41.	J	5.2	J	4.8	J	6.8	J	74.	U	73.	U
zo(a)pyrene	UG/KG	34.	J	6.4	J	5.8	J	8.1	J	74.	U	73.	U
zo(b)fluoranthene	UG/KG	36.	J	8.6	J	6.6	J	10.	J	74.	U	73.	U
zo(ghi)perylene	UG/KG	25.	J	6.5	J	27.	J	85.	UJ	74.	U	73.	U
zo(k)fluoranthene	UG/KG	41.	J	8.5	J	9.4	J	10.	J	74.	U	73.	U
2-Chloroethoxy)methane	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
2-Chloroethyl)ether	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
2-Chloroisopropyl)ether	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
2-Ethylhexyl)phthalate	UG/KG	78.	U	78.	U	78.	U	85.	UJ	13.	J	16.	J
ylbenzylphthalate	UG/KG	78.	U	78.	U	78.	U	85.	UJ	74.	UJ	73.	UJ
bazole	UG/KG	22.	J	78.	UJ	78.	UJ	85.	UJ	74.	UJ	73.	UJ
ysene	UG/KG	46.	J	9.	J	8.1	J	11.	J	74.	U	4.1	J
-butylphthalate	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
-octylphthalate	UG/KG	78.	U	78.	U	78.	U	85.	UJ	23.	J	34.	J
enz(a,h)anthracene	UG/KG	11.	J	78.	U	78.	U	85.	UJ	74.	U	73.	U
enzofuran	UG/KG	6.2	J	78.	U	78.	U	85.	U	74.	U	73.	U
hyl phthalate	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
ethylphthalate	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
oranthene	UG/KG	97.		13.	J	10.	J	13.	J	74.	U	73.	U
rene	UG/KG	11.	J	78.	U	78.	U	85.	U	74.	U	73.	U
achlorobutadiene	UG/KG	78.	UJ	78.	UJ	78.	UJ	85.	UJ	74.	UJ	73.	UJ
achlorocyclopentadiene	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
achloroethane	UG/KG	78.	U	78.	U	78.	U	85.	UJ	74.	UJ	73.	UJ
horone	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
itrosodiphenylamine	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
itrosodipropylamine	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
hthalene	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
obenzene	UG/KG	78.	U	78.	U	78.	U	85.	U	74.	U	73.	U
tachlorophenol	UG/KG	190.	UJ	190.	UJ	190.	UJ	200.	U	180.	U	180.	U
nanthrene	UG/KG	94.		7.9	J	6.8	J	10.	J	74.	U	73.	U
nol	UG/KG	78.	U	78.	U	78.	U	19.	J	74.	U	73.	U
ene	UG/KG	80.		11.	J	10.	J	16.	J	74.	U	73.	U
STICIDES/PCBs													
-DDD	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
-DDE	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
-DDT	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
in	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
a-Chlordane	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
clor-1016	UG/KG	39.	U	39.	U	39.	U	42.	U	37.	U	37.	U
clor-1221	UG/KG	79.	U	79.	U	80.	U	86.	U	75.	U	74.	U
clor-1232	UG/KG	39.	U	39.	U	39.	U	42.	U	37.	U	37.	U
clor-1242	UG/KG	39.	U	39.	U	39.	U	42.	U	37.	U	37.	U
clor-1248	UG/KG	39.	U	39.	U	39.	U	42.	U	37.	U	37.	U
clor-1254	UG/KG	39.	U	39.	U	39.	U	42.	U	37.	U	37.	U
clor-1260	UG/KG	39.	U	39.	U	39.	U	42.	U	37.	U	37.	U
a-BHC	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID.	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG.	71005		71005		71005		71005		71005		71005	
	LOC ID:	TP12-17B		TP12-17C		TP12-17A		MW12-27		MW12-27		MW12-27	
	SAMP_ID:	123034		123035		123036		123061		123062		123063	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		3		2		0		2		4	
	SAMP. DEPTH BOT	0.5		3		2		0.2		4		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	6-Oct-98		6-Oct-98		6-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
eldrin	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
ndosulfan I	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
ndosulfan II	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
ndosulfan sulfate	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
ndrin aldehyde	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
ndrin ketone	UG/KG	3.9	U	3.9	U	3.9	U	4.2	U	3.7	U	3.7	U
amma-BHC/Lindane	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
amma-Chlordane	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
eptachlor	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
eptachlor epoxide	UG/KG	2.	U	2.	U	2.	U	2.2	U	1.9	U	1.9	U
ethoxychlor	UG/KG	20.	U	20.	U	20.	U	22.	U	19.	U	19.	U
oxaphene	UG/KG	200.	U	200.	U	200.	U	220.	U	190.	U	190.	U
ETALS													
uminum	MG/KG	14,400.		11,600.		11,900.		14,800.		14,200.		13,600.	
ntimony	MG/KG	1.3	R	1.	R	1.1	R	1.2	R	1.	R	1.3	R
rsenic	MG/KG	5.		5.		3.8		5.2		6.4		8.4	
arium	MG/KG	115.		107.		117.		77.3		61.		61.4	
eryllium	MG/KG	.53	J	.48	J	.51	J	.47	J	.45	J	.38	J
admium	MG/KG	.06	U	.05	U	.05	U	.06	U	.05	U	.06	U
alcium	MG/KG	3,930.		2,920.		3,840.		1,690.		21,900.		3,510.	
hromium	MG/KG	21.1		17.4		17.7		22.8		25.2		24.1	
obalt	MG/KG	11.		10.		9.5		13.		15.5		19.6	
opper	MG/KG	22.2		18.9		19.3		16.9		30.7		33.8	
yanide	MG/KG	.61	U	.6	U	.6	U	.62	U	.56	UJ	.56	UJ
on	MG/KG	28,500.		20,900.		20,100.		25,200.		29,200.		30,700.	
ead	MG/KG	18.3		16.9		16.3		27.8		13.2		9.2	
agnesium	MG/KG	3,700.	J	3,180.	J	3,150.	J	3,790.	J	5,830.	J	5,590.	J
anganese	MG/KG	747.		651.		664.		936.		696.		706.	
ercury	MG/KG	.06	U	.06	U	.2		.06	U	.05	U	.05	U
ckel	MG/KG	27.7		23.1		23.4		28.2		46.2		46.	
otassium	MG/KG	1,560.		956.		1,240.		1,220.		1,150.		1,010.	J
elenium	MG/KG	.99	U	.76	U	1.1	J	1.5	J	.75	U	.96	U
lver	MG/KG	.26	U	.2	U	.21	U	.24	U	.2	J	.25	U
odium	MG/KG	54.2	U	41.6	U	44.3	U	50.7	U	82.4	J	107.	J
allium	MG/KG	1.1	U	.86	U	.91	U	1.	U	.85	U	1.1	U
anadium	MG/KG	23.3		19.1		19.4		22.5		20.2		16.6	
nc	MG/KG	143.		63.2		67.6		73.1		91.8		143.	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	SB12-28		TP12-10A		MW12-22		MW12-22		TP12-25A		TP12-25B	
	SAMP_ID:	123064		123067		123068		123069		123071		123072	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		1		0		2		0.5		1	
	SAMP. DEPTH BOT:	0.2		1		0.2		4		0.5		1	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		5-Oct-98		5-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
,2-Tetrachloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
-Trichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
Dichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
Dichloroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
Dichloroethane	UG/KG	12.	UJ	12.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
Dichloroethene (total)	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
Dichloropropane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
one	UG/KG	12.	UJ	12.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
ene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
odichloromethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
oform	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
on disulfide	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
on tetrachloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
robenzene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
rodibromomethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
roethane	UG/KG	12.	UJ	12.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
roform	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
,3-Dichloropropene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
benzene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
yl bromide	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
yl butyl ketone	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
yl chloride	UG/KG	12.	UJ	12.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
yl ethyl ketone	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
yl isobutyl ketone	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ylene chloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ne	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
chloroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ene	UG/KG	12.	U	3.	J	3.	J	4.	J	4.	J	3.	J
Xylenes	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
s-1,3-Dichloropropene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
loroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U
chloride	UG/KG	12.	UJ	12.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	UJ
I-VOLATILES													
Dichlorobenzene	UG/KG	73.	UJ	78.	UJ	80.	UJ	72.	UJ	74.	UJ	72.	UJ
Dichlorobenzene	UG/KG	73.	UJ	78.	UJ	80.	UJ	72.	UJ	74.	UJ	72.	UJ
-Trichlorophenol	UG/KG	180.	U	190.	U	200.	U	170.	U	180.	U	180.	R
-Trichlorophenol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
Dichlorophenol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
Dimethylphenol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
Dinitrophenol	UG/KG	180.	U	190.	U	200.	U	170.	U	180.	U	180.	R
Dinitrotoluene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
Dinitrotoluene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
loronaphthalene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
lorophenol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
thylphenol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
roaniline	UG/KG	180.	U	190.	U	200.	U	170.	U	180.	U	180.	U
rophenol	UG/KG	73.	UJ	78.	U	80.	UJ	72.	UJ	74.	UJ	72.	R
Dichlorobenzidine	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
roaniline	UG/KG	180.	U	190.	U	200.	U	170.	U	180.	U	180.	U
Dinitro-2-methylphenol	UG/KG	180.	U	190.	U	200.	U	170.	U	180.	U	180.	R
omophenyl phenyl ether	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U

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PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	SB12-28		TP12-10A		MW12-22		MW12-22		TP12-25A		TP12-25B	
	SAMP_ID:	123064		123067		123068		123069		123071		123072	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		1		0		2		0.5		1	
	SAMP. DEPTH BOT:	0.2		1		0.2		4		0.5		1	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		5-Oct-98		5-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oro-3-methylphenol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
oroaniline	UG/KG	73.	UJ	78.	UJ	80.	UJ	72.	UJ	74.	UJ	72.	UJ
orophenyl phenyl ether	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
thylphenol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
aphthene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
aphthylene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
acene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
o(a)anthracene	UG/KG	4.	J	78.	U	10.	J	72.	U	74.	U	72.	U
o(a)pyrene	UG/KG	5.7	J	78.	U	11.	J	72.	U	74.	U	72.	U
o(b)fluoranthene	UG/KG	6.2	J	78.	U	17.	J	72.	U	74.	U	3.7	J
o(ghi)perylene	UG/KG	4.6	J	78.	U	9.8	J	72.	U	74.	U	72.	U
o(k)fluoranthene	UG/KG	7.	J	78.	U	13.	J	72.	U	74.	U	72.	U
-Chloroethoxy)methane	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
-Chloroethyl)ether	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
-Chloroisopropyl)ether	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
-Ethylhexyl)phthalate	UG/KG	73.	UJ	78.	UJ	8.3	J	16.	J	3.8	J	72.	UJ
benzylphthalate	UG/KG	73.	UJ	78.	UJ	80.	UJ	72.	UJ	74.	UJ	72.	UJ
azole	UG/KG	73.	UJ	78.	UJ	80.	UJ	72.	UJ	74.	UJ	72.	UJ
ene	UG/KG	7.	J	4.6	J	17.	J	3.7	J	4.6	J	72.	U
utylphthalate	UG/KG	73.	U	78.	U	80.	U	72.	UJ	74.	UJ	72.	U
ctylphthalate	UG/KG	73.	UJ	78.	UJ	80.	UJ	11.	J	74.	UJ	72.	UJ
z(a,h)anthracene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
zofuran	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
yl phthalate	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
thylphthalate	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
anthene	UG/KG	8.2	J	4.9	J	20.	J	72.	U	74.	U	72.	U
ene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
chlorobutadiene	UG/KG	73.	UJ	78.	UJ	80.	UJ	72.	UJ	74.	UJ	72.	UJ
chlorocyclopentadiene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
chloroethane	UG/KG	73.	UJ	78.	UJ	80.	UJ	72.	UJ	74.	UJ	72.	UJ
orone	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
rosodiphenylamine	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
rosodipropylamine	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
thalene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
benzene	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	U
achlorophenol	UG/KG	180.	U	190.	U	200.	U	170.	U	180.	U	180.	R
anthrene	UG/KG	5.8	J	78.	U	14.	J	72.	U	74.	U	72.	U
ol	UG/KG	73.	U	78.	U	80.	U	72.	U	74.	U	72.	R
e	UG/KG	10.	J	5.3	J	25.	J	72.	U	74.	U	72.	U
TICIDES/PCBs													
DD	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
DE	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
DT	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
-Chlordane	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
or-1016	UG/KG	41.	U	39.	U	40.	U	36.	U	37.	U	36.	U
or-1221	UG/KG	84.	U	80.	U	82.	U	73.	U	75.	U	74.	U
or-1232	UG/KG	41.	U	39.	U	40.	U	36.	U	37.	U	36.	U
or-1242	UG/KG	41.	U	39.	U	40.	U	36.	U	37.	U	36.	U
or-1248	UG/KG	41.	U	39.	U	40.	U	36.	U	37.	U	36.	U
or-1254	UG/KG	41.	U	39.	U	40.	U	36.	U	37.	U	36.	U
or-1260	UG/KG	41.	U	39.	U	40.	U	36.	U	37.	U	36.	U
BHC	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U

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PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	SB12-28		TP12-10A		MW12-22		MW12-22		TP12-25A		TP12-25B	
	SAMP_ID:	123064		123067		123068		123069		123071		123072	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		1		0		2		0.5		1	
	SAMP. DEPTH BOT:	0.2		1		0.2		4		0.5		1	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	4-Oct-98		4-Oct-98		4-Oct-98		4-Oct-98		5-Oct-98		5-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
a-BHC	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
drin	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
osulfan I	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
osulfan II	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
osulfan sulfate	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
rin aldehyde	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
rin ketone	UG/KG	4.1	U	3.9	U	4.	U	3.6	U	3.7	U	3.6	U
mma-BHC/Lindane	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
mma-Chlordane	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
tachlor	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
tachlor epoxide	UG/KG	2.1	U	2.	U	2.1	U	1.8	U	1.9	U	1.9	U
noxychlor	UG/KG	21.	U	20.	U	21.	U	18.	U	19.	U	19.	U
aphene	UG/KG	210.	U	200.	U	210.	U	180.	U	190.	U	190.	U
TALS													
minum	MG/KG	15,800.		13,400.		11,100.		14,200.		9,330.		7,910.	
mony	MG/KG	1.4	R	1.	R	1.4	R	1.3	R	1.2	R	1.3	R
enic	MG/KG	4.9		4.3		4.4		3.8		4.1		4.6	
um	MG/KG	86.2		136.		89.7		54.9		64.7		63.7	
ilium	MG/KG	.43	J	.52	J	.34	J	.57	J	.34	J	.3	J
mium	MG/KG	.07	U	.05	U	.07	U	.06	U	.06	U	.06	U
cium	MG/KG	3,140.		5,920.		3,150.		28,900.		46,100.		84,900.	
omium	MG/KG	23.3		20.3		15.4		24.8		13.5	J	12.9	
alt	MG/KG	17.5		11.3		9.5	J	13.3		7.3	J	8.3	J
per	MG/KG	13.4		24.6		15.8		33.7		20.4		21.1	
nide	MG/KG	.63	UJ	.59	UJ	.61	U	.53	U	.57	U	.56	U
	MG/KG	26,900.		23,500.		18,300.		27,600.		16,600.		17,200.	
d	MG/KG	22.2		13.5		34.		19.7		7.		8.3	
nesium	MG/KG	3,820.	J	4,540.	J	2,540.	J	6,910.	J	7,660.	J	15,900.	J
ganese	MG/KG	1,420.		537.		835.		422.		372.		373.	
cury	MG/KG	.06	U	.05	U	.06	J	.05	U	.05	U	.05	U
el	MG/KG	27.1		32.5		17.		48.5		20.7		25.7	
ssium	MG/KG	1,020.	J	1,080.		1,590.		1,570.		1,060.		1,010.	J
enium	MG/KG	1.1	U	.79	U	1.1	U	.98	U	.92	U	.99	U
er	MG/KG	.28	U	.21	U	.35	J	.32	J	.24	U	.26	U
ium	MG/KG	59.8	U	43.2	U	59.	U	75.4	J	65.4	J	54.3	U
lium	MG/KG	1.2	U	.89	U	1.2	U	1.1	U	1.	U	1.1	U
adium	MG/KG	23.4		19.7		19.8		20.7		15.1		13.8	
	MG/KG	66.5		76.		65.7		95.8		42.5		44.1	

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PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	TP12-25C		TP12-26A		TP12-26B		TP12-26C		TP12-25A		MW12-23	
	SAMP_ID:	123073		123074		123075		123076		123077		123079	
	FIELD QC CODE:	SA		SA		SA		SA		DU		SA	
	SAMP. DEPTH TOP:	2		0.5		1.3		3		0.5		0	
	SAMP. DEPTH BOT:	2		0.5		1.3		3		0.5		2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES													
-Trichloroethane	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
2-Tetrachloroethane	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
-Trichloroethane	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ichloroethane	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ichloroethene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ichloroethane	UG/KG	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	U	12.	U
ichloroethene (total)	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ichloropropane	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ne	UG/KG	11.	UJ	11.	UJ	11.	UJ	11.	UJ	6.	J	5.	J
ene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
odichloromethane	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
oform	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
on disulfide	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
on tetrachloride	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
obenzene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
odibromomethane	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
oethane	UG/KG	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	U	12.	U
oform	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
,3-Dichloropropene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
benzene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
yl bromide	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
yl butyl ketone	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
yl chloride	UG/KG	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	U	12.	U
yl ethyl ketone	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
yl isobutyl ketone	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ylene chloride	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ne	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
chloroethene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
ene	UG/KG	5.	J	11.	U	3.	J	11.	U	11.	U	12.	U
Xylenes	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
-1,3-Dichloropropene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
oroethene	UG/KG	11.	U	11.	U	11.	U	11.	U	11.	U	12.	U
chloride	UG/KG	11.	UJ	11.	UJ	11.	UJ	11.	UJ	11.	U	12.	U
-VOLATILES													
ichlorobenzene	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	77.	UJ
ichlorobenzene	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	77.	UJ
-Trichlorophenol	UG/KG	180.	U	180.	U	180.	U	170.	U	180.	U	190.	U
-Trichlorophenol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
ichlorophenol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
imethylphenol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
initrophenol	UG/KG	180.	U	180.	U	180.	U	170.	U	180.	U	190.	U
initrotoluene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
initrotoluene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
oronaphthalene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
orophenol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
thylphenol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
roaniline	UG/KG	180.	U	180.	R	180.	R	170.	U	180.	R	190.	U
rophenol	UG/KG	72.	UJ	72.	UJ	73.	R	72.	UJ	73.	UJ	77.	UJ
Dichlorobenzidine	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
roaniline	UG/KG	180.	U	180.	R	180.	R	170.	UJ	180.	R	190.	U
initro-2-methylphenol	UG/KG	180.	U	180.	U	180.	U	170.	U	180.	U	190.	U
mophenyl phenyl ether	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	TP12-25C		TP12-26A		TP12-26B		TP12-26C		TP12-25A		MW12-23	
	SAMP_ID:	123073		123074		123075		123076		123077		123079	
	FIELD QC CODE:	SA		SA		SA		SA		DU		SA	
	SAMP. DEPTH TOP:	2		0.5		1.3		3		0.5		0	
	SAMP. DEPTH BOT:	2		0.5		1.3		3		0.5		2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
hloro-3-methylphenol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
hloroaniline	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	77.	UJ
hlorophenyl phenyl ether	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
ethylphenol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
naphthene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
naphthylene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
racene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
zo(a)anthracene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	5.2	J
zo(a)pyrene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	6.1	J
zo(b)fluoranthene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	9.	J
zo(ghi)perylene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
zo(k)fluoranthene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	8.4	J
2-Chloroethoxy)methane	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
2-Chloroethyl)ether	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
2-Chloroisopropyl)ether	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
2-Ethylhexyl)phthalate	UG/KG	72.	UJ	10.	R	13.	R	72.	UJ	7.8	J	10.	J
lbenzylphthalate	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	77.	UJ
bazole	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	77.	UJ
ysene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	9.8	J
-butylphthalate	UG/KG	72.	U	72.	R	73.	R	72.	UJ	73.	UJ	77.	UJ
-octylphthalate	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	5.3	J
nz(a,h)anthracene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
nzofuran	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
hyl phthalate	UG/KG	72.	U	72.	UJ	73.	UJ	72.	U	73.	UJ	77.	U
ethylphthalate	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
ranthene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	13.	J
rene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
achlorobutadiene	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	77.	UJ
achlorocyclopentadiene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
achloroethane	UG/KG	72.	UJ	72.	R	73.	R	72.	UJ	73.	R	77.	UJ
horone	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
itrosodiphenylamine	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
itrosodipropylamine	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
hthalene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
benzene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	77.	U
tachlorophenol	UG/KG	180.	U	180.	U	180.	U	170.	U	180.	U	190.	U
nanthrene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	7.9	J
nol	UG/KG	72.	U	72.	U	73.	U	72.	U	73.	U	77.	U
ene	UG/KG	72.	U	72.	R	73.	R	72.	U	73.	R	12.	J
STICIDES/PCBs													
DDD	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
DDE	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
DDT	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
in	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
a-Chlordane	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
clor-1016	UG/KG	36.	U	36.	U	37.	U	36.	U	37.	U	38.	U
clor-1221	UG/KG	74.	U	74.	U	74.	U	73.	U	74.	U	78.	U
clor-1232	UG/KG	36.	U	36.	U	37.	U	36.	U	37.	U	38.	U
clor-1242	UG/KG	36.	U	36.	U	37.	U	36.	U	37.	U	38.	U
clor-1248	UG/KG	36.	U	36.	U	37.	U	36.	U	37.	U	38.	U
clor-1254	UG/KG	36.	U	36.	U	37.	U	36.	U	37.	U	38.	U
clor-1260	UG/KG	36.	U	36.	U	37.	U	36.	U	37.	U	38.	U
-BHC	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U

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PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71005		71005		71005		71005		71005		71005	
	LOC ID:	TP12-25C		TP12-26A		TP12-26B		TP12-26C		TP12-25A		MW12-23	
	SAMP_ID:	123073		123074		123075		123076		123077		123079	
	FIELD QC CODE:	SA		SA		SA		SA		DU		SA	
	SAMP. DEPTH TOP:	2		0.5		1.3		3		0.5		0	
	SAMP. DEPTH BOT:	2		0.5		1.3		3		0.5		2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98		5-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-BHC	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
rin	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
sulfan I	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
sulfan II	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
sulfan sulfate	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
n aldehyde	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
n ketone	UG/KG	3.6	U	3.6	U	3.7	U	3.6	U	3.7	U	3.8	U
ma-BHC/Lindane	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
ma-Chlordane	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
achlor	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
achlor epoxide	UG/KG	1.9	U	1.9	U	1.9	U	1.8	U	1.9	U	2.	U
oxychlor	UG/KG	19.	U	19.	U	19.	U	18.	U	19.	U	20.	U
phene	UG/KG	190.	U	190.	U	190.	U	180.	U	190.	U	200	U
ALS													
inum	MG/KG	6,790.		7,030.		6,970.		8,350.		7,270.		11,900.	
ony	MG/KG	1.	R	1.3	R	1.2	R	1.2	R	1.1	R	1.1	R
nic	MG/KG	4.		4.		3.8		4.1		3.9		4.1	
m	MG/KG	63.		65.4		58.8		64.4		51.4		60.2	
lium	MG/KG	.36	J	.21	J	.29	J	.32	J	.21	J	.42	J
nium	MG/KG	.05	U	.06	U	.06	U	.06	U	.06	U	.05	U
um	MG/KG	117,000.		81,600.		132,000.		89,400.		60,100.		2,020.	
mium	MG/KG	10.9		10.7		12.		14.1		11.3		17.3	
lt	MG/KG	5.3	J	6.2	J	6.9	J	8.2	J	7.	J	8.8	J
er	MG/KG	33.9		16.6		17.7		20.3		20.5		17.4	
ide	MG/KG	.56	U	.54	UJ	.56	UJ	.56	UJ	.56	UJ	.59	UJ
	MG/KG	13,300.	J	13,000.		14,900.	J	18,500.		14,600.		19,900.	
	MG/KG	8.1		6.3		7.7		8.3		6.9		23.8	
esium	MG/KG	6,550.	J	17,300.	J	34,200.	J	13,200.	J	11,600.	J	3,220.	J
ganese	MG/KG	319.		352.		327.		384.		398.		374.	
ury	MG/KG	.06	U	.05	U	.05	U	.05	U	.05	U	.06	U
el	MG/KG	17.3		16.4		20.7		26.		18.9		21.3	
ssium	MG/KG	983.		1,120.		1,310.		1,250.		970.		1,730.	
nium	MG/KG	.79	U	.98	U	.93	U	.89	U	.85	U	.83	U
r	MG/KG	.21	U	.27	J	.24	U	.24	J	.22	U	.22	U
um	MG/KG	106.	J	61.3	J	112.	J	121.	J	69.	J	45.7	U
ium	MG/KG	.89	U	1.1	U	1.1	U	1.	U	.96	U	.94	U
dium	MG/KG	13.4		12.5		13.2		14.5		12.9		20.1	
	MG/KG	41.1		36.1		37.6		47.5		39.2		69.5	

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PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1	
	SDG:	71005	
	LOC ID:	MW12-23	
	SAMP_ID:	123080	
	FIELD QC CODE:	SA	
	SAMP. DEPTH TOP:	2	
	SAMP. DEPTH BOT:	4	
	MATRIX:	SOIL	
	SAMP. DATE:	5-Oct-98	
AMETER	UNIT	VALUE	Q
ATILES			
-Trichloroethane	UG/KG	12.	U
2,2-Tetrachloroethane	UG/KG	12.	U
2-Trichloroethane	UG/KG	12.	U
Dichloroethane	UG/KG	12.	U
Dichloroethene	UG/KG	12.	U
Dichloroethane	UG/KG	12.	U
Dichloroethene (total)	UG/KG	12.	U
Dichloropropane	UG/KG	12.	U
one	UG/KG	12.	U
zene	UG/KG	12.	U
nodichloromethane	UG/KG	12.	U
noform	UG/KG	12.	U
on disulfide	UG/KG	12.	U
on tetrachloride	UG/KG	12.	U
robenzene	UG/KG	12.	U
rodibromomethane	UG/KG	12.	U
roethane	UG/KG	12.	U
roform	UG/KG	12.	U
,3-Dichloropropene	UG/KG	12.	U
l benzene	UG/KG	12.	U
yl bromide	UG/KG	12.	U
yl butyl ketone	UG/KG	12.	U
yl chloride	UG/KG	12.	U
yl ethyl ketone	UG/KG	12.	U
yl isobutyl ketone	UG/KG	12.	U
ylene chloride	UG/KG	12.	U
ene	UG/KG	12.	R
achloroethene	UG/KG	12.	U
ene	UG/KG	12.	U
l Xylenes	UG/KG	12.	U
s-1,3-Dichloropropene	UG/KG	12.	U
loroethene	UG/KG	12.	U
l chloride	UG/KG	12.	U
I-VOLATILES			
Dichlorobenzene	UG/KG	72.	UJ
Dichlorobenzene	UG/KG	72.	UJ
5-Trichlorophenol	UG/KG	170.	U
6-Trichlorophenol	UG/KG	72.	U
Dichlorophenol	UG/KG	72.	U
Dimethylphenol	UG/KG	72.	U
Dinitrophenol	UG/KG	170.	U
Dinitrotoluene	UG/KG	72.	U
Dinitrotoluene	UG/KG	72.	U
loronaphthalene	UG/KG	72.	U
lorophenol	UG/KG	72.	U
ethylphenol	UG/KG	72.	U
troaniline	UG/KG	170.	U
trophenol	UG/KG	72.	UJ
Dichlorobenzidine	UG/KG	72.	U
troaniline	UG/KG	170.	U
Dinitro-2-methylphenol	UG/KG	170.	U
omophenyl phenyl ether	UG/KG	72.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1	
	SDG:	71005	
	LOC ID:	MW12-23	
	SAMP_ID:	123080	
	FIELD QC CODE:	SA	
	SAMP. DEPTH TOP:	2	
	SAMP. DEPTH BOT:	4	
	MATRIX:	SOIL	
	SAMP. DATE:	5-Oct-98	
AMETER	UNIT	VALUE	Q
loro-3-methylphenol	UG/KG	72.	U
loroaniline	UG/KG	72.	UJ
lorophenyl phenyl ether	UG/KG	72.	U
thylphenol	UG/KG	72.	U
naphthene	UG/KG	72.	U
naphthylene	UG/KG	72.	U
racene	UG/KG	72.	U
zo(a)anthracene	UG/KG	72.	U
zo(a)pyrene	UG/KG	72.	U
zo(b)fluoranthene	UG/KG	72.	U
zo(ghi)perylene	UG/KG	72.	U
zo(k)fluoranthene	UG/KG	72.	U
2-Chloroethoxy)methane	UG/KG	72.	U
2-Chloroethyl)ether	UG/KG	72.	U
2-Chloroisopropyl)ether	UG/KG	72.	U
2-Ethylhexyl)phthalate	UG/KG	72.	UJ
lbenzylphthalate	UG/KG	72.	UJ
azole	UG/KG	72.	UJ
sene	UG/KG	72.	U
butylphthalate	UG/KG	72.	UJ
octylphthalate	UG/KG	4.2	J
nz(a,h)anthracene	UG/KG	72.	U
nzofuran	UG/KG	72.	U
yl phthalate	UG/KG	72.	U
thylphthalate	UG/KG	72.	U
ranthene	UG/KG	72.	U
rene	UG/KG	72.	U
achlorobutadiene	UG/KG	72.	UJ
achlorocyclopentadiene	UG/KG	72.	U
achloroethane	UG/KG	72.	UJ
horone	UG/KG	72.	U
trosodiphenylamine	UG/KG	72.	U
trosodipropylamine	UG/KG	72.	U
thalene	UG/KG	72.	U
benzene	UG/KG	72	U
achlorophenol	UG/KG	170.	U
hanthrene	UG/KG	72.	U
ol	UG/KG	72.	U
ne	UG/KG	72.	U
TICIDES/PCBs			
DDD	UG/KG	3.6	U
DDE	UG/KG	3.6	U
DDT	UG/KG	3.6	U
n	UG/KG	1.8	U
a-Chlordane	UG/KG	1.8	U
lor-1016	UG/KG	36.	U
lor-1221	UG/KG	73.	U
lor-1232	UG/KG	36.	U
lor-1242	UG/KG	36.	U
lor-1248	UG/KG	36.	U
lor-1254	UG/KG	36.	U
lor-1260	UG/KG	36.	U
-BHC	UG/KG	1.8	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71005

	STUDY ID:	RI Phase 1 Step 1	
	SDG:	71005	
	LOC ID:	MW12-23	
	SAMP_ID:	123080	
	FIELD QC CODE:	SA	
	SAMP. DEPTH TOP:	2	
	SAMP. DEPTH BOT:	4	
	MATRIX:	SOIL	
	SAMP. DATE:	5-Oct-98	
AMETER	UNIT	VALUE	Q
a-BHC	UG/KG	1.8	U
drin	UG/KG	3.6	U
osulfan I	UG/KG	1.8	U
osulfan II	UG/KG	3.6	U
osulfan sulfate	UG/KG	3.6	U
rin aldehyde	UG/KG	3.6	U
rin ketone	UG/KG	3.6	U
ma-BHC/Lindane	UG/KG	1.8	U
ma-Chlordane	UG/KG	1.8	U
tachlor	UG/KG	1.8	U
tachlor epoxide	UG/KG	1.8	U
noxychlor	UG/KG	18.	U
aphene	UG/KG	180.	U
TALS			
inum	MG/KG	13,100.	
mony	MG/KG	1.2	R
enic	MG/KG	4.1	
um	MG/KG	55.7	
llium	MG/KG	.5	J
mium	MG/KG	.06	U
ium	MG/KG	15,900.	
omium	MG/KG	23.9	
alt	MG/KG	15.4	
per	MG/KG	35.4	
nide	MG/KG	.58	UJ
	MG/KG	27,300.	
d	MG/KG	22.3	
nesium	MG/KG	5,500.	J
ganese	MG/KG	487.	
cury	MG/KG	.05	U
el	MG/KG	52.	
ssium	MG/KG	1,290.	
enium	MG/KG	.88	U
er	MG/KG	.23	U
ium	MG/KG	66.8	J
lium	MG/KG	1.	U
adium	MG/KG	18.4	
	MG/KG	84.8	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029		71029	
	LOC ID:	TP12-3A		TP12-3B		TP12-3C		TP12-3A		TP12-4A		TP12-4B		TP12-4C	
	SAMP_ID:	123082		123083		123084		123085		123086		123087		123088	
	FIELD QC CODE:	SA		SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	0.8		5.5		4		0.8		0.5		6		8	
	SAMP. DEPTH BOT:	0.8		5.5		4		0.8		0.5		6		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	7-Oct-98		7-Oct-98		7-Oct-98		7-Oct-98		12-Oct-98		12-Oct-98		12-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES															
-Trichloroethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
2-Tetrachloroethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
-Trichloroethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
ichloroethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
ichloroethene	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
ichloroethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
ichloroethene (total)	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
ichloropropane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
ne	UG/KG	61.		35.	U	17.	U	11.	U	12.	U	11.	U	11.	U
ene	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
odichloromethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
oform	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
on disulfide	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
on tetrachloride	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
obenzene	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
odibromomethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
oethane	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
oform	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
,3-Dichloropropene	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
benzene	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
yl bromide	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
yl butyl ketone	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
yl chloride	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
yl ethyl ketone	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
yl isobutyl ketone	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
ylene chloride	UG/KG	180.		2.	J	12.	U	2.	J	12.	U	11.	U	11.	U
ne	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
chloroethene	UG/KG	11.	U	2.	J	12.	U	11.	U	12.	U	11.	U	11.	U
ene	UG/KG	11.	U	3.	J	12.	U	6.	J	12.	U	11.	U	11.	U
Xylenes	UG/KG	11.	U	14.		12.	U	11.	U	12.	U	11.	U	11.	U
-1,3-Dichloropropene	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
loroethene	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
chloride	UG/KG	11.	U	13.	U	12.	U	11.	U	12.	U	11.	U	11.	U
-VOLATILES															
-Trichlorobenzene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ichlorobenzene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ichlorobenzene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ichlorobenzene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
-Trichlorophenol	UG/KG	170.	U	400.	U	180.	U	170.	U	180.	U	180.	U	180.	U
-Trichlorophenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ichlorophenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
imethylphenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
initrophenol	UG/KG	170.	U	400.	U	180.	U	170.	U	180.	UJ	180.	UJ	180.	UJ
initrotoluene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
initrotoluene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
loronaphthalene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
lorophenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
thylnaphthalene	UG/KG	72.	U	22.	J	74.	U	72.	U	74.	U	75.	U	75.	U
thylphenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
roaniline	UG/KG	170.	U	400.	U	180.	U	170.	U	180.	U	180.	U	180.	U
rophenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
Dichlorobenzidine	UG/KG	72.	U	170.	UJ	74.	U	72.	U	74.	UJ	75.	UJ	75.	UJ
roaniline	UG/KG	170.	U	400.	UJ	180.	U	170.	U	180.	U	180.	U	180.	U
initro-2-methylphenol	UG/KG	170.	U	400.	U	180.	U	170.	U	180.	U	180.	U	180.	U
nophenyl phenyl ether	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
oro-3-methylphenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029		71029	
	LOC ID:	TP12-3A		TP12-3B		TP12-3C		TP12-3A		TP12-4A		TP12-4B		TP12-4C	
	SAMP_ID:	123082		123083		123084		123085		123086		123087		123088	
	FIELD QC CODE:	SA		SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	0.8		5.5		4		0.8		0.5		6		8	
	SAMP. DEPTH BOT:	0.8		5.5		4		0.8		0.5		6		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	7-Oct-98		7-Oct-98		7-Oct-98		7-Oct-98		12-Oct-98		12-Oct-98		12-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
loroaniline	UG/KG	72.	UJ	170.	U	74.	UJ	72.	UJ	74.	U	75.	U	75.	U
lorophenyl phenyl ether	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
thylphenol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
roaniline	UG/KG	170.	U	400.	UJ	180.	U	170.	U	180.	UJ	180.	UJ	180.	UJ
rophenol	UG/KG	170.	U	400.	U	180.	U	170.	U	180.	UJ	180.	UJ	180.	UJ
aphthene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
aphthylene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
racene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
zo[a]anthracene	UG/KG	5.3	J	170.	U	74.	U	72.	U	74.	U	75.	U	3.9	J
zo[a]pyrene	UG/KG	4.8	J	170.	U	74.	U	72.	U	10.	J	75.	UJ	75.	UJ
zo[b]fluoranthene	UG/KG	5.	J	170.	U	74.	U	72.	U	74.	U	75.	U	5.9	J
zo[ghi]perylene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
zo[k]fluoranthene	UG/KG	5.1	J	170.	U	74.	U	72.	U	74.	U	75.	U	5.6	J
2-Chloroethoxy)methane	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
2-Chloroethyl)ether	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
2-Chloroisopropyl)ether	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
2-Ethylhexyl)phthalate	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
lbenzylphthalate	UG/KG	72.	U	170.	U	74.	U	4.1	J	74.	U	75.	U	75.	U
azole	UG/KG	72.	UJ	170.	UJ	74.	UJ	72.	UJ	74.	U	75.	U	75.	U
sene	UG/KG	6.6	J	170.	U	74.	U	72.	U	74.	U	75.	U	6.8	J
butylphthalate	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
octylphthalate	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
nz[a,h]anthracene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
nzofuran	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
yl phthalate	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ethylphthalate	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ranthene	UG/KG	5.1	J	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
rene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
achlorobenzene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
achlorobutadiene	UG/KG	72.	UJ	170.	U	74.	UJ	72.	UJ	74.	U	75.	U	75.	U
achlorocyclopentadiene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
achloroethane	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
no[1,2,3-cd]pyrene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
horone	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
trosodiphenylamine	UG/KG	72.	U	9,500.		74.	U	72.	U	74.	U	75.	U	75.	U
trosodipropylamine	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
thalene	UG/KG	72.	U	13.	J	74.	U	72.	U	74.	U	75.	U	75.	U
benzene	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
achlorophenol	UG/KG	170.	UJ	400.	UJ	180.	UJ	170.	UJ	180.	UJ	180.	UJ	180.	UJ
anthrene	UG/KG	6.6	J	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ol	UG/KG	72.	U	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
ne	UG/KG	10.	J	170.	U	74.	U	72.	U	74.	U	75.	U	75.	U
TICIDES/PCBs															
DDD	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	3.8	U	3.8	U
DDE	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	2.7	J	3.8	U
DDT	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	4.9		3.8	U
n	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	1.9	U	1.9	U
a-BHC	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	5.8		1.9	U
a-Chlordane	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	1.9	U	1.9	U
lor-1016	UG/KG	36.	U	42.	U	37.	U	36.	U	37.	U	38.	U	38.	U
lor-1221	UG/KG	73.	U	85.	U	75.	U	73.	U	75.	U	76.	U	76.	U
lor-1232	UG/KG	36.	U	42.	U	37.	U	36.	U	37.	U	38.	U	38.	U
lor-1242	UG/KG	36.	U	42.	U	37.	U	36.	U	37.	U	38.	U	38.	U
lor-1248	UG/KG	36.	U	42.	U	37.	U	36.	U	37.	U	38.	U	38.	U
lor-1254	UG/KG	36.	U	28.	J	37.	U	36.	U	37.	U	38.	U	38.	U
lor-1260	UG/KG	36.	U	42.	U	37.	U	36.	U	37.	U	38.	U	38.	U
-BHC	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	1.7	J	1.9	U

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PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029		71029	
	LOC ID:	TP12-3A		TP12-3B		TP12-3C		TP12-3A		TP12-4A		TP12-4B		TP12-4C	
	SAMP_ID:	123082		123083		123084		123085		123086		123087		123088	
	FIELD QC CODE:	SA		SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	0.8		5.5		4		0.8		0.5		6		8	
	SAMP. DEPTH BOT:	0.8		5.5		4		0.8		0.5		6		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	7-Oct-98		7-Oct-98		7-Oct-98		7-Oct-98		12-Oct-98		12-Oct-98		12-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-BHC	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	1.9	U	1.9	U
rin	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	3.8	U	3.8	U
sulfan I	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	1.9	U	1.9	U
sulfan II	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	3.8	U	3.8	U
sulfan sulfate	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	3.8	U	3.8	U
n	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	3.8	U	3.8	U
n aldehyde	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	3.8	U	3.8	U
n ketone	UG/KG	3.6	U	4.2	U	3.7	U	3.6	U	3.7	U	3.8	U	3.8	U
na-BHC/Lindane	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	1.9	U	1.9	U
na-Chlordane	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	1.	J	1.9	U
achlor	UG/KG	1.	J	2.2	U	1.9	U	1.1	J	1.9	U	8.4		1.9	U
achlor epoxide	UG/KG	1.8	U	2.2	U	1.9	U	1.8	U	1.9	U	2.	J	1.9	U
oxychlor	UG/KG	18.	U	22.	U	19.	U	18.	U	19.	U	19.	U	19.	U
ohene	UG/KG	180.	U	220.	U	190.	U	180.	U	190.	U	190.	U	190.	U
ALS															
inum	MG/KG	8,520.		9,140.		6,550.		9,100.		9,170.		7,650.		7,360.	
ony	MG/KG	1.1	R	1.3	R	1.3	R	1.3	R	1.	R	1.2	R	1.1	R
ic	MG/KG	4.		11.1		4.3		3.9		3.4		2.7		3.7	
m	MG/KG	71.9		71.7		53.3		73.6		69.3		56.4		66.7	
ium	MG/KG	.35	J	.4	J	.23	J	.33	J	.41	J	.34	J	.28	J
nium	MG/KG	.06	U	6.		.07	U	.06	U	.05	U	.06	U	.05	U
um	MG/KG	44,300.	J	51,900.	J	78,500.	J	46,900.	J	67,200.	J	14,200.	J	78,600.	J
nium	MG/KG	12.		29.4		13.5		13.6		15.4		10.8		12.4	
lt	MG/KG	7.4	J	8.3	J	8.	J	7.7	J	9.5		6.4	J	8.5	J
er	MG/KG	18.		26.4		18.8		17.5		21.		11.3		18.3	
de	MG/KG	.56	U	.7	U	.57	U	.57	U	.58	U	.6	U	.56	U
	MG/KG	15,500.	J	18,800.	J	18,500.	J	17,400.	J	20,200.	J	15,300.	J	17,200.	J
	MG/KG	9.3		15.8		8.3		10.4		9.		9.3		7.	
esium	MG/KG	8,790.		12,200.		8,290.		6,930.		8,840.		3,960.		15,300.	
anese	MG/KG	422.		379.		354.		431.		398.		158.		382.	
ury	MG/KG	.06	J	.08	J	.05	U	.14	J	.05	U	.05	U	.05	U
l	MG/KG	20.7		27.5		24.		22.5		29.		15.6		24.8	
sium	MG/KG	770.	J	875.	J	898.	J	897.	J	787.	J	755.	J	1,110.	
ium	MG/KG	.86	U	.97	U	1.	U	.94	U	.76	U	.93	U	.8	U
	MG/KG	.26	J	1.8	J	.39	J	.34	J	.2	U	.24	U	.21	U
m	MG/KG	61.5	J	881.	J	109.	J	67.5	J	105.	J	70.4	J	127.	J
um	MG/KG	.97	U	1.4	U	1.1	U	1.1	U	.86	U	1.	U	.91	U
dium	MG/KG	15.2		17.3		12.1		15.9		15.8		14.		12.7	
	MG/KG	44.2	J	208.	J	44.8	J	46.3	J	49.7	J	36.7	J	51.7	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029		71029	
	LOC ID:	TP12-5A		TP12-5B		TP12-5C		TP12-5A		TP12-24A		TP12-24B		TP12-24C	
	SAMP_ID:	123089		123090		123091		123092		123093		123094		123095	
	FIELD QC CODE:	SA		SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		2		8		0.5		0.5		0.5		1	
	SAMP. DEPTH BOT:	0.5		2		8		0.5		0.5		0.5		1	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ATILES															
-Trichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
,2-Tetrachloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
-Trichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
Dichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
Dichloroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
Dichloroethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
Dichloroethene (total)	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
Dichloropropane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
one	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
ene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
hodichloromethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
hoform	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
on disulfide	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
on tetrachloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
robenzene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
rodibromomethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
roethane	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
roform	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
,3-Dichloropropene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
benzene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
yl bromide	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
yl butyl ketone	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
yl chloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
yl ethyl ketone	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
yl isobutyl ketone	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
ylene chloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
ne	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
chloroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
ene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
Xylenes	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
s-1,3-Dichloropropene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
loroethene	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
chloride	UG/KG	12.	U	12.	U	11.	U	11.	U	11.	U	11.	U	11.	U
i-VOLATILES															
-Trichlorobenzene	UG/KG	75.	UJ	78.	U	74.	U	77.	UJ	77.	U	80.	U	78.	U
Dichlorobenzene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
Dichlorobenzene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
Dichlorobenzene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
-Trichlorophenol	UG/KG	180.	U	190.	U	180.	U	190.	UJ	190.	U	190.	U	190.	U
-Trichlorophenol	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
Dichlorophenol	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
Dimethylphenol	UG/KG	75.	U	78.	U	74.	UJ	77.	U	77.	U	80.	U	78.	U
Dinitrophenol	UG/KG	180.	UJ	190.	UJ	180.	U	190.	UJ	190.	UJ	190.	UJ	190.	UJ
Dinitrotoluene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
Dinitrotoluene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
loronaphthalene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
lorophenol	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
thylnaphthalene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
thylphenol	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
roaniline	UG/KG	180.	U	190.	U	180.	U	190.	U	190.	U	190.	U	190.	U
rophenol	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
Dichlorobenzidine	UG/KG	75.	U	78.	UJ	74.	UJ	77.	U	77.	UJ	80.	UJ	78.	UJ
roaniline	UG/KG	180.	U	190.	U	180.	U	190.	UJ	190.	U	190.	U	190.	U
Dinitro-2-methylphenol	UG/KG	180.	U	190.	U	180.	U	190.	U	190.	U	190.	U	190.	U
omophenyl phenyl ether	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
loro-3-methylphenol	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029		71029	
	LOC ID:	TP12-5A		TP12-5B		TP12-5C		TP12-5A		TP12-24A		TP12-24B		TP12-24C	
	SAMP_ID:	123089		123090		123091		123092		123093		123094		123095	
	FIELD QC CODE:	SA		SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		2		8		0.5		0.5		0.5		1	
	SAMP. DEPTH BOT:	0.5		2		8		0.5		0.5		0.5		1	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oroaniline	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
orophenyl phenyl ether	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
hylphenol	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
oaniline	UG/KG	180.	U	190.	UJ	180.	UJ	190.	UJ	190.	UJ	190.	UJ	190.	UJ
ophenol	UG/KG	180.	UJ	190.	UJ	180.	UJ	190.	U	190.	UJ	190.	UJ	190.	UJ
aphthene	UG/KG	75.	U	78.	U	74.	U	7.6	J	77.	U	80.	U	78.	U
aphthylene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
acene	UG/KG	75.	U	78.	UJ	74.	U	9.8	J	77.	U	80.	U	78.	U
o[a]anthracene	UG/KG	20.	J	7.7	J	74.	U	32.	J	77.	U	9.2	J	9.6	J
o[a]pyrene	UG/KG	26.	J	8.	J	74.	UJ	34.	J	77.	UJ	9.4	J	9.2	J
o[b]fluoranthene	UG/KG	23.	J	11.	J	74.	U	33.	J	77.	U	14.	J	15.	J
o[ghi]perylene	UG/KG	16.	J	13.	J	74.	U	26.	J	77.	U	80.	U	78.	U
o[k]fluoranthene	UG/KG	26.	J	10.	J	74.	U	33.	J	77.	U	13.	J	17.	J
(Chloroethoxy)methane	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
(Chloroethyl)ether	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
(Chloroisopropyl)ether	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
(Ethylhexyl)phthalate	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
enzylphthalate	UG/KG	75.	U	78.	UJ	74.	U	77.	U	77.	U	80.	U	78.	U
zole	UG/KG	75.	UJ	78.	UJ	74.	U	14.	J	77.	U	80.	U	78.	U
ene	UG/KG	28.	J	11.	J	74.	U	45.	J	77.	U	15.	J	18.	J
utylphthalate	UG/KG	75.	U	5.8	J	74.	U	77.	U	77.	U	80.	U	78.	U
ctylphthalate	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
z[a,h]anthracene	UG/KG	6.8	J	78.	U	74.	U	9.	J	77.	U	80.	U	78.	U
zofuran	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
l phthalate	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
hylphthalate	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
anthene	UG/KG	40.	J	17.	J	74.	U	62.	J	77.	U	16.	J	26.	J
ene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
chlorobenzene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
chlorobutadiene	UG/KG	75.	UJ	78.	U	74.	U	77.	UJ	77.	U	80.	U	78.	U
chlorocyclopentadiene	UG/KG	75.	UJ	78.	U	74.	U	77.	UJ	77.	U	80.	U	78.	U
chloroethane	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
o[1,2,3-cd]pyrene	UG/KG	18.	J	8.1	J	74.	U	25.	J	77.	U	80.	U	78.	U
rone	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
osodiphenylamine	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
osodipropylamine	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
halene	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
enzene	UG/KG	75.	UJ	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
chlorophenol	UG/KG	180.	UJ	190.	UJ	180.	UJ	190.	UJ	190.	UJ	190.	UJ	190.	UJ
anthrene	UG/KG	36.	J	12.	J	74.	U	51.	J	77.	U	6.3	J	14.	J
l	UG/KG	75.	U	78.	U	74.	U	77.	U	77.	U	80.	U	78.	U
e	UG/KG	35.	J	11.	J	74.	U	66.	J	77.	U	14.	J	19.	J
ICIDES/PCBs															
DD	UG/KG	25.	J	3.9	U	3.7	U	2.9	J	3.8	U	4.	U	3.9	U
DE	UG/KG	5.7	J	3.9	U	3.7	U	3.8	U	3.8	U	4.	U	3.9	U
DT	UG/KG	2.4	J	3.9	U	3.7	U	3.3	J	3.8	U	4.	U	2.6	J
	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
-BHC	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
-Chlordane	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
r-1016	UG/KG	38.	U	39.	U	37.	U	38.	U	38.	U	40.	U	39.	U
r-1221	UG/KG	76.	U	79.	U	75.	U	78.	U	78.	U	81.	U	80.	U
r-1232	UG/KG	38.	U	39.	U	37.	U	38.	U	38.	U	40.	U	39.	U
r-1242	UG/KG	38.	U	39.	U	37.	U	38.	U	38.	U	40.	U	39.	U
r-1248	UG/KG	38.	U	39.	U	37.	U	38.	U	38.	U	40.	U	39.	U
r-1254	UG/KG	38.	U	39.	U	37.	U	38.	U	38.	U	40.	U	39.	U
r-1260	UG/KG	38.	U	39.	U	37.	U	38.	U	38.	U	40.	U	39.	U
BHC	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U

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PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029		71029	
	LOC ID:	TP12-5A		TP12-5B		TP12-5C		TP12-5A		TP12-24A		TP12-24B		TP12-24C	
	SAMP_ID:	123089		123090		123091		123092		123093		123094		123095	
	FIELD QC CODE:	SA		SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		2		8		0.5		0.5		0.5		1	
	SAMP. DEPTH BOT:	0.5		2		8		0.5		0.5		0.5		1	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-BHC	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
drin	UG/KG	3.8	U	3.9	U	3.7	U	3.8	U	3.8	U	4.	U	3.9	U
osulfan I	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
osulfan II	UG/KG	3.8	U	3.9	U	3.7	U	3.8	U	3.8	U	4.	U	3.9	U
osulfan sulfate	UG/KG	3.8	U	3.9	U	3.7	U	3.8	U	3.8	U	4.	U	3.9	U
rin	UG/KG	3.8	U	3.9	U	3.7	U	3.8	U	3.8	U	4.	U	3.9	U
rin aldehyde	UG/KG	3.8	U	3.9	U	3.7	U	3.8	U	3.8	U	4.	U	3.9	U
rin ketone	UG/KG	3.8	U	3.9	U	3.7	U	3.8	U	3.8	U	4.	U	3.9	U
ma-BHC/Lindane	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
ma-Chlordane	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
achlor	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
achlor epoxide	UG/KG	1.9	U	2.	U	1.9	U	2.	U	2.	U	2.	U	2.	U
oxychlor	UG/KG	19.	U	20.	U	19.	U	20.	U	20.	U	20.	U	20.	U
phene	UG/KG	190.	U	200.	U	190.	U	200.	U	200.	U	200.	U	200.	U
ALS															
inum	MG/KG	11,300.		10,300.		7,130.		11,100.		14,400.		12,200.		12,100.	
nony	MG/KG	.9	R	1.3	R	1.2	R	1.4	R	1.2	R	1.	R	1.3	R
nic	MG/KG	3.2		4.4		3.3		3.		3.8		3.2		3.6	
um	MG/KG	79.7		74.3		77.5		77.2		91.5		79.4		85.3	
lium	MG/KG	.45	J	.47	J	.26	J	.49	J	.64	J	.5	J	.54	J
nium	MG/KG	.04	U	.06	U	.06	U	.07	U	.06	U	.05	U	.07	U
um	MG/KG	22,300.	J	49,800.	J	91,300.	J	30,800.	J	7,080.	J	11,300.	J	6,560.	J
mium	MG/KG	23.6		15.4		12.		25.4		23.4		19.7		22.5	
lt	MG/KG	9.4		8.6	J	10.5		9.2	J	11.6		10.3		10.6	J
per	MG/KG	23.2		21.2		20.		23.5		25.1		20.6		34.	
ide	MG/KG	.57	U	.59	U	.56	U	.59	U	.59	U	.61	U	.62	U
	MG/KG	20,300.	J	19,600.	J	16,100.	J	20,000.	J	42,500.	J	30,600.	J	53,400.	J
	MG/KG	32.7		13.8		8.1		36.2		13.7		52.9		111.	
nesium	MG/KG	6,830.		9,720.		15,500.		7,700.		5,100.		4,290.		3,710.	
ganese	MG/KG	363.		403.		423.		289.		469.		520.		588.	
ury	MG/KG	.05	U	.1	J	.1	J	.06	J	.12	J	.12	J	.15	J
el	MG/KG	26.8		24.		25.5		28.3		42.2		30.4		38.4	
ssium	MG/KG	1,090.		1,220.		1,290.		1,090.	J	1,400.		1,060.		1,060.	J
nium	MG/KG	.68	U	.96	U	.89	U	1.1	U	.93	J	.77	U	1.2	
r	MG/KG	.18	U	.25	U	.23	U	.28	U	.24	U	.2	U	.26	U
um	MG/KG	88.7	J	80.4	J	148.	J	79.7	J	86.2	J	68.8	J	59.7	J
ium	MG/KG	.77	U	1.1	U	1.	U	1.2	U	1.1	J	1.1	J	1.6	J
dium	MG/KG	19.2		19.		12.8		18.4		22.7		19.2		19.3	
	MG/KG	88.4	J	62.3	J	53.1	J	104.	J	109.	J	84.6	J	87.6	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029	
	LOC ID:	SS12-16		SS12-18		SS12-19		SS12-43		SS12-55		SS12-67	
	SAMP_ID:	123102		123103		123104		123105		123106		123108	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		12-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
TILES													
Trichloroethane	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
2-Tetrachloroethane	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
Trichloroethane	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
ichloroethane	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
ichloroethene	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
ichloroethane	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
ichloroethene (total)	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
ichloropropane	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
ne	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
ene	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
odichloromethane	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
oform	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
n disulfide	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
n tetrachloride	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
obenzene	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
odibromomethane	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
oethane	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
oform	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
3-Dichloropropene	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
benzene	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
l bromide	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
l butyl ketone	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
l chloride	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
l ethyl ketone	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
l isobutyl ketone	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
lene chloride	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
ne	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
chloroethene	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
ne	UG/KG	1.	J	12.	U	12.	UJ	14.	U	12.	U	5.	J
Xylenes	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
-1,3-Dichloropropene	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
oroethene	UG/KG	12.	U	12.	U	12.	UJ	14.	U	12.	U	12.	U
chloride	UG/KG	12.	U	12.	U	12.	U	14.	U	12.	U	12.	U
-VOLATILES													
Trichlorobenzene	UG/KG	80.	U	75.	U	78.	UJ	100.	UJ	80.	UJ	71.	UJ
chlorobenzene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
chlorobenzene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
chlorobenzene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
Trichlorophenol	UG/KG	190.	U	180.	U	190.	U	240.	U	200.	UJ	170.	UJ
Trichlorophenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
chlorophenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
methylphenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
nitrophenol	UG/KG	190.	UJ	180.	UJ	190.	UJ	240.	UJ	200.	UJ	170.	UJ
nitrotoluene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
nitrotoluene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
oronaphthalene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
orophenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
hylnaphthalene	UG/KG	80.	U	75.	U	8.9	J	100.	U	80.	U	71.	U
hylphenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
oaniline	UG/KG	190.	U	180.	U	190.	U	240.	U	200.	U	170.	U
ophenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
Dichlorobenzidine	UG/KG	80.	UJ	75.	UJ	78.	U	100.	U	80.	U	71.	U
oaniline	UG/KG	190.	U	180.	U	190.	U	240.	U	200.	UJ	170.	UJ
nitro-2-methylphenol	UG/KG	190.	U	180.	U	190.	U	240.	U	200.	U	170.	U
mophenyl phenyl ether	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
oro-3-methylphenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U

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PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029	
	LOC ID:	SS12-16		SS12-18		SS12-19		SS12-43		SS12-55		SS12-67	
	SAMP_ID:	123102		123103		123104		123105		123106		123108	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		12-Oct-98	
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
loroaniline	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
lorophenyl phenyl ether	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
ethylphenol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
troaniline	UG/KG	190.	UJ	180.	UJ	190.	U	240.	U	200.	UJ	170.	UJ
trophenol	UG/KG	190.	UJ	180.	UJ	190.	UJ	240.	UJ	200.	U	170.	U
naphthene	UG/KG	80.	U	75.	U	73.	J	100.	U	80.	U	71.	U
naphthylene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
racene	UG/KG	80.	U	75.	U	84.		100.	U	80.	U	71.	U
zo[a]anthracene	UG/KG	80.	U	75.	U	220.		5.8	J	80.	U	9.5	J
zo[a]pyrene	UG/KG	80.	UJ	75.	UJ	180.	J	10.	J	80.	UJ	10.	J
zo[b]fluoranthene	UG/KG	80.	U	75.	U	190.		12.	J	80.	U	16.	J
zo[ghi]perylene	UG/KG	80.	U	75.	U	96.		100.	U	80.	U	8.5	J
zo[k]fluoranthene	UG/KG	80.	U	75.	U	180.		11.	J	80.	U	11.	J
2-Chloroethoxy)methane	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
2-Chloroethyl)ether	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
2-Chloroisopropyl)ether	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
2-Ethylhexyl)phthalate	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
lbenzylphthalate	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
bazole	UG/KG	80.	U	75.	U	94.	J	100.	UJ	80.	UJ	71.	UJ
rsene	UG/KG	80.	U	75.	U	250.		12.	J	80.	U	17.	J
-butylphthalate	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	23.	J
-octylphthalate	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
nz[a,h]anthracene	UG/KG	80.	U	75.	U	40.	J	100.	U	80.	U	71.	U
nzofuran	UG/KG	80.	U	75.	U	25.	J	100.	U	80.	U	71.	U
nyl phthalate	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
ethylphthalate	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
ranthene	UG/KG	80.	U	75.	U	490.		14.	J	80.	U	18.	J
rene	UG/KG	80.	U	75.	U	48.	J	100.	U	80.	U	71.	U
achlorobenzene	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
achlorobutadiene	UG/KG	80.	U	75.	U	78.	UJ	100.	UJ	80.	UJ	71.	UJ
achlorocyclopentadiene	UG/KG	80.	U	75.	U	78.	UJ	100.	UJ	80.	UJ	71.	UJ
achloroethane	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
no[1,2,3-cd]pyrene	UG/KG	80.	U	75.	U	94.		100.	U	80.	U	7.6	J
horone	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
trosodiphenylamine	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
trosodipropylamine	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
hthalene	UG/KG	80.	U	75.	U	20.	J	100.	U	80.	U	71.	U
benzene	UG/KG	80.	U	75.	U	78.	UJ	100.	UJ	80.	U	71.	U
achlorophenol	UG/KG	190.	UJ	180.	UJ	190.	UJ	240.	UJ	200.	UJ	170.	UJ
nanthrene	UG/KG	80.	U	75.	U	500.		8.5	J	80.	U	11.	J
nol	UG/KG	80.	U	75.	U	78.	U	100.	U	80.	U	71.	U
ne	UG/KG	80.	U	75.	U	370.		17.	J	80.	U	18.	J
TICIDES/PCBs													
DDD	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	3.5	U
DDE	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	5.	
DDT	UG/KG	4.	U	3.8	U	5.1		5.	U	4.	U	3.4	J
n	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
a-BHC	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
a-Chlordane	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
lor-1016	UG/KG	40.	U	38.	U	39.	U	50.	U	40.	U	35.	U
lor-1221	UG/KG	81.	U	76.	U	79.	U	100.	U	82.	U	72.	U
lor-1232	UG/KG	40.	U	38.	U	39.	U	50.	U	40.	U	35.	U
lor-1242	UG/KG	40.	U	38.	U	39.	U	50.	U	40.	U	35.	U
lor-1248	UG/KG	40.	U	38.	U	39.	U	50.	U	40.	U	35.	U
lor-1254	UG/KG	40.	U	38.	U	64.		50.	U	40.	U	35.	U
lor-1260	UG/KG	40.	U	38.	U	39.	U	50.	U	40.	U	35.	U
-BHC	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U

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PHASE 2 - VALIDATED DATA
SDG 71029

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71029		71029		71029		71029		71029		71029	
	LOC ID:	SS12-16		SS12-18		SS12-19		SS12-43		SS12-55		SS12-67	
	SAMP_ID:	123102		123103		123104		123105		123106		123108	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		13-Oct-98		12-Oct-98	
METER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
BHC	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
in	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	3.5	U
ulfan I	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
ulfan II	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	3.5	U
ulfan sulfate	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	3.5	U
	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	3.5	U
aldehyde	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	3.5	U
ketone	UG/KG	4.	U	3.8	U	3.9	U	5.	U	4.	U	3.5	U
na-BHC/Lindane	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
na-Chlordane	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
chlor	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
chlor epoxide	UG/KG	2.	U	1.9	U	2.	U	2.6	U	2.1	U	1.8	U
xychlor	UG/KG	20.	U	19.	U	20.	U	26.	U	21.	U	18.	U
hene	UG/KG	200.	U	190.	U	200.	U	260.	U	210.	U	180.	U
LS													
num	MG/KG	11,900.		9,760.		10,300.		15,600.		13,300.		3,040.	J
ony	MG/KG	1.4	R	1.2	R	1.4	R	1.4	R	1.	R	1.2	R
ic	MG/KG	3.8		3.8		2.7		3.4		2.6		3.4	
n	MG/KG	85.9		90.2		58.1		133.		46.6		19.6	J
um	MG/KG	.44	J	.46	J	.45	J	.77	J	.56	J	.14	J
ium	MG/KG	.07	U	.06	U	.07	U	.07	U	.05	U	.06	U
m	MG/KG	15,200.	J	35,700.	J	53,100.	J	8,900.	J	2,520.	J	154,000.	J
nium	MG/KG	17.5		15.6		18.7		22.7		24.1		6.1	
t	MG/KG	9.8	J	8.9	J	9.7	J	8.8	J	12.1		5.6	J
er	MG/KG	19.6		22.1		25.		27.6		28.9		17.7	
de	MG/KG	.62	U	.56	U	.61	U	.77	U	.64	U	.53	U
	MG/KG	21,700.	J	20,200.	J	21,700.	J	23,700.	J	28,000.	J	8,760.	J
	MG/KG	14.6		9.8		19.4		24.9		20.6		13.7	
esium	MG/KG	5,160.		8,070.		5,860.		4,570.		5,270.		15,700.	
anese	MG/KG	641.		408.		393.		672.		384.		340.	
ry	MG/KG	.07	J	.05	U	.07	J	.17	J	.1	J	05	J
	MG/KG	24.7		27.6		33.5		32.7		42.8		14.7	
sium	MG/KG	1,250.		989.	J	1,210.		1,260.		957.		743.	J
um	MG/KG	1.	U	.92	U	1.	U	1.3		.78	U	93	U
	MG/KG	.27	U	.24	U	.27	U	.27	U	.2	U	.24	U
m	MG/KG	60.2	J	91.6	J	121.	J	98.	J	42.7	U	132.	J
um	MG/KG	1.2	U	1.	U	1.2	U	1.3	J	.88	U	1.	U
dium	MG/KG	20.2		16.9		17.3		22.4		19.		7.5	J
	MG/KG	57.	J	54.1	J	85.1	J	197.	J	65.2	J	95.8	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

			STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
			SDG:	71123		71123		71123		71123		71123		71123	
			LOC ID:	SB12-5		SB12-5		SB12-5		MW12-14		MW12-14		MW12-14	
			SAMP_ID:	123096		123097		123098		123099		123100		123101	
			FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
			SAMP. DEPTH TOP:	0		6		12		0		8		10	
			SAMP. DEPTH BOT:	0.2		8		14		0.2		10		12	
			MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
			SAMP. DATE:	14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98	
RT	PARAMETER	UNIT		VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
	VOLATILES														
0.000	1,1,1-Trichloroethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	1,1,2,2-Tetrachloroethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	1,1,2-Trichloroethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	1,1-Dichloroethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	1,1-Dichloroethene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	1,2-Dichloroethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	1,2-Dichloroethene (total)	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	1,2-Dichloropropane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Acetone	UG/KG		11.	U	16.	U	12.	U	14.	U	14.	UJ	14.	UJ
0.000	Benzene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Bromodichloromethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Bromoform	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Carbon disulfide	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Carbon tetrachloride	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Chlorobenzene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Chlorodibromomethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Chloroethane	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Chloroform	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Cis-1,3-Dichloropropene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Ethyl benzene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Methyl bromide	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Methyl butyl ketone	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Methyl chloride	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Methyl ethyl ketone	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Methyl isobutyl ketone	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Methylene chloride	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
0.000	Styrene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Tetrachloroethene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Toluene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	7.	J
0.000	Total Xylenes	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Trans-1,3-Dichloropropene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Trichloroethene	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	UJ	11.	UJ
0.000	Vinyl chloride	UG/KG		11.	U	11.	U	12.	U	14.	U	11.	U	11.	UJ
	SEMI-VOLATILES														
0.000	1,2,4-Trichlorobenzene	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	1,2-Dichlorobenzene	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	1,3-Dichlorobenzene	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	1,4-Dichlorobenzene	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2,4,5-Trichlorophenol	UG/KG		180.	U	180.	U	180.	U	200.	U	170.	U	180.	U
0.000	2,4,6-Trichlorophenol	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2,4-Dichlorophenol	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2,4-Dimethylphenol	UG/KG		75.	UJ	72.	UJ	73.	UJ	85.	UJ	72.	UJ	73.	UJ
0.000	2,4-Dinitrophenol	UG/KG		180.	U	180.	U	180.	U	200.	UJ	170.	U	180.	U
0.000	2,4-Dinitrotoluene	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2,6-Dinitrotoluene	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2-Chloronaphthalene	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2-Chlorophenol	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2-Methylnaphthalene	UG/KG		5.5	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2-Methylphenol	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	2-Nitroaniline	UG/KG		180.	U	180.	U	180.	U	200.	U	170.	U	180.	U
0.000	2-Nitrophenol	UG/KG		75.	UJ	72.	UJ	73.	UJ	85.	U	72.	UJ	73.	UJ
0.000	3,3'-Dichlorobenzidine	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	3-Nitroaniline	UG/KG		180.	U	180.	U	180.	U	200.	U	170.	U	180.	U
0.000	4,6-Dinitro-2-methylphenol	UG/KG		180.	U	180.	U	180.	U	200.	U	170.	U	180.	U
0.000	4-Bromophenyl phenyl ether	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	4-Chloro-3-methylphenol	UG/KG		75.	U	72.	U	73.	U	85.	U	72.	U	73.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123		71123		71123		71123		71123	
		LOC ID:	SB12-5		SB12-5		SB12-5		MW12-14		MW12-14		MW12-14	
		SAMP_ID:	123096		123097		123098		123099		123100		123101	
		FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	0		6		12		0		8		10	
		SAMP. DEPTH BOT:	0.2		8		14		0.2		10		12	
		MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		SAMP. DATE:	14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98	
T	PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
0.000	4-Chloroaniline	UG/KG	75.	UJ	72.	UJ	73.	UJ	85.	UJ	72.	UJ	73.	UJ
0.000	4-Chlorophenyl phenyl ether	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	4-Methylphenol	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	4-Nitroaniline	UG/KG	180.	U	180.	U	180.	U	200.	UJ	170.	U	180.	U
0.000	4-Nitrophenol	UG/KG	180.	U	180.	U	180.	U	200.	UJ	170.	U	180.	U
0.000	Acenaphthene	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Acenaphthylene	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Anthracene	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Benzo[a]anthracene	UG/KG	8.3	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Benzo[a]pyrene	UG/KG	7.7	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Benzo[b]fluoranthene	UG/KG	9.9	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Benzo[ghi]perylene	UG/KG	75.	UJ	72.	UJ	73.	UJ	85.	U	72.	UJ	73.	UJ
0.000	Benzo[k]fluoranthene	UG/KG	9.8	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Bis(2-Chloroethoxy)methane	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Bis(2-Chloroethyl)ether	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Bis(2-Chloroisopropyl)ether	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Bis(2-Ethylhexyl)phthalate	UG/KG	75.	UJ	72.	UJ	73.	UJ	85.	UJ	74.	UJ	73.	UJ
0.000	Butylbenzylphthalate	UG/KG	75.	UJ	72.	UJ	73.	UJ	85.	UJ	72.	UJ	73.	UJ
0.000	Carbazole	UG/KG	75.	UJ	72.	UJ	73.	UJ	85.	UJ	72.	UJ	73.	UJ
0.000	Chrysene	UG/KG	14.	J	72.	U	73.	U	5.9	J	72.	U	73.	U
0.000	Di-n-butylphthalate	UG/KG	75.	UJ	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Di-n-octylphthalate	UG/KG	9.8	J	13.	J	6.4	J	85.	UJ	11.	J	9.1	J
0.000	Dibenz[a,h]anthracene	UG/KG	75.	UJ	72.	UJ	73.	UJ	85.	U	72.	UJ	73.	UJ
0.000	Dibenzofuran	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Diethyl phthalate	UG/KG	11.	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Dimethylphthalate	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Fluoranthene	UG/KG	16.	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Fluorene	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Hexachlorobenzene	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Hexachlorobutadiene	UG/KG	75.	UJ	72.	UJ	73.	UJ	85.	UJ	72.	UJ	73.	UJ
0.000	Hexachlorocyclopentadiene	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Hexachloroethane	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Indeno[1,2,3-cd]pyrene	UG/KG	5.2	J	72.	UJ	73.	UJ	85.	U	72.	UJ	73.	UJ
0.000	Isophorone	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	N-Nitrosodiphenylamine	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	N-Nitrosodipropylamine	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Naphthalene	UG/KG	5.4	J	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Nitrobenzene	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Pentachlorophenol	UG/KG	180.	UJ	180.	UJ	180.	UJ	200.	UJ	170.	UJ	180.	UJ
0.000	Phenanthrene	UG/KG	14.	J	72.	U	73.	U	6.	J	72.	U	73.	U
0.000	Phenol	UG/KG	75.	U	72.	U	73.	U	85.	U	72.	U	73.	U
0.000	Pyrene	UG/KG	20.	J	72.	U	73.	U	85.	U	72.	U	73.	U
	PESTICIDES/PCBs													
0.000	4,4'-DDD	UG/KG	3.8	U	3.6	U	3.7	U	8.6		3.6	U	3.7	U
0.000	4,4'-DDE	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
0.000	4,4'-DDT	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
0.000	Aldrin	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
0.000	Alpha-BHC	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
0.000	Alpha-Chlordane	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
0.000	Aroclor-1016	UG/KG	38.	U	36.	U	37.	U	42.	U	36.	U	37.	U
0.000	Aroclor-1221	UG/KG	76.	U	74.	U	74.	U	86.	U	73.	U	74.	U
0.000	Aroclor-1232	UG/KG	38.	U	36.	U	37.	U	42.	U	36.	U	37.	U
0.000	Aroclor-1242	UG/KG	38.	U	36.	U	37.	U	42.	U	36.	U	37.	U
0.000	Aroclor-1248	UG/KG	38.	U	36.	U	37.	U	42.	U	36.	U	37.	U
0.000	Aroclor-1254	UG/KG	38.	U	36.	U	37.	U	42.	U	36.	U	37.	U
0.000	Aroclor-1260	UG/KG	38.	U	36.	U	37.	U	42.	U	36.	U	37.	U
0.000	Beta-BHC	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123		71123		71123		71123		71123	
		LOC ID:	SB12-5		SB12-5		SB12-5		MW12-14		MW12-14		MW12-14	
		SAMP_ID:	123096		123097		123098		123099		123100		123101	
		FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	0		6		12		0		8		10	
		SAMP. DEPTH BOT:	0.2		8		14		0.2		10		12	
		MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		SAMP. DATE:	14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98	
T	PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
.000	Delta-BHC	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
.000	Dieldrin	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
.000	Endosulfan I	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
.000	Endosulfan II	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
.000	Endosulfan sulfate	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
.000	Endrin	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
.000	Endrin aldehyde	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
.000	Endrin ketone	UG/KG	3.8	U	3.6	U	3.7	U	4.2	U	3.6	U	3.7	U
.000	Gamma-BHC/Lindane	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
.000	Gamma-Chlordane	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
.000	Heptachlor	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
.000	Heptachlor epoxide	UG/KG	1.9	U	1.9	U	1.9	U	2.2	U	1.8	U	1.9	U
.000	Methoxychlor	UG/KG	19.	U	19.	U	19.	U	22.	U	18.	U	19.	U
.000	Toxaphene	UG/KG	190.	U	190.	U	190.	U	220.	U	180.	U	190.	U
	METALS													
.000	Aluminum	MG/KG	6,760.	J	7,920.	J	6,080.	J	12,000.	J	6,380.	J	5,990.	J
.000	Antimony	MG/KG	1.	R	1.3	R	1.2	R	1.4	R	1.	R	.83	R
.000	Arsenic	MG/KG	5.2	J	3.6	J	5.	J	4.3	J	3.1	J	3.1	J
.000	Barium	MG/KG	77.9		108.		52.7		90.7		69.8		76.7	
.000	Beryllium	MG/KG	.28	J	.33	J	.17	J	.51	J	.23	J	.23	J
.000	Cadmium	MG/KG	.05	U	.07	U	.06	U	.07	U	.05	U	.04	U
.000	Calcium	MG/KG	72,100.	J	85,500.	J	105,000.	J	2,620.	J	96,500.	J	84,000.	J
.000	Chromium	MG/KG	12.3		14.1		11.3		16.5		11.4		11.	
.000	Cobalt	MG/KG	10.4	J	8.	J	8.9		11.		7.	J	8.	J
.000	Copper	MG/KG	20.7		21.9		16.7		14.6		16.7		15.2	
.000	Cyanide	MG/KG	.61	U	.56	U	.59	U	.68	U	.57	U	.57	U
.000	Iron	MG/KG	20,600.		14,500.		16,600.		23,200.		15,500.		15,300.	
.000	Lead	MG/KG	14.7	J	8.	J	6.7	J	18.6	J	6.7	J	6.	J
.000	Magnesium	MG/KG	10,900.	J	15,400.	J	12,700.	J	3,070.	J	21,000.	J	21,200.	J
.000	Manganese	MG/KG	392.		349.		541.	*	693.		385.		359.	
.000	Mercury	MG/KG	.06	U	.05	U	.06	U	.06	U	.05	U	.05	U
.000	Nickel	MG/KG	30.3	J	24.5	J	23.	J	19.5	J	19.3	J	21.4	J
.000	Potassium	MG/KG	932.		1,470.		1,000.		1,110.	J	1,200.		1,110.	
.000	Selenium	MG/KG	.77	U	1.	U	.88	U	1.	U	.77	U	.63	U
.000	Silver	MG/KG	.2	U	.26	U	.23	U	.27	U	.23	J	.16	U
.000	Sodium	MG/KG	97.5	J	116.	J	169.	J	57.5	U	113.	J	113.	J
.000	Thallium	MG/KG	1.	J	1.1	U	.99	U	1.7	J	1.2	J	.92	J
.000	Vanadium	MG/KG	12.8		14.2		10.5		21.8		11.8		10.9	
.000	Zinc	MG/KG	59.2	J	142.	J	40.6	J	57.6	J	33.5	J	38.9	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123		71123		71123		71123		71123	
		LOC ID:	TP12-11A		TP12-11B		TP12-11C		SB12-2		SB12-2		SB12-2	
		SAMP_ID:	123109		123110		123111		123112		123113		123114	
		FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	6		6.5		0.5		0		6		10	
		SAMP. DEPTH BOT:	6		6.5		0.5		0.2		8		12	
		MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		SAMP. DATE:	14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98	
T	PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
.000	Delta-BHC	UG/KG	2.1	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
.000	Dieldrin	UG/KG	4.1	U	3.9	U	3.8	U	3.8	U	3.6	U	3.7	U
.000	Endosulfan I	UG/KG	2.1	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
.000	Endosulfan II	UG/KG	4.1	U	3.9	U	3.8	U	3.8	U	3.6	U	3.7	U
.000	Endosulfan sulfate	UG/KG	4.1	U	3.9	U	3.8	U	3.8	U	3.6	U	3.7	U
.000	Endrin	UG/KG	4.1	U	3.9	U	3.8	U	3.8	U	3.6	U	3.7	U
.000	Endrin aldehyde	UG/KG	4.1	U	3.9	U	3.8	U	3.8	U	3.6	U	3.7	U
.000	Endrin ketone	UG/KG	4.1	U	3.9	U	3.8	U	3.8	U	3.6	U	3.7	U
.000	Gamma-BHC/Lindane	UG/KG	2.1	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
.000	Gamma-Chlordane	UG/KG	2.1	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
.000	Heptachlor	UG/KG	2.1	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
.000	Heptachlor epoxide	UG/KG	2.1	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
.000	Methoxychlor	UG/KG	21.	U	20.	U	20.	U	19.	U	19.	U	19.	U
.000	Toxaphene	UG/KG	210.	U	200.	U	200.	U	190.	U	190.	U	190.	U
	METALS													
.000	Aluminum	MG/KG	11,500.	J	13,800.	J	14,300.	J	7,160.	J	7,890.	J	7,010.	J
.000	Antimony	MG/KG	1.3	R	1.4	R	1.2	R	.96	R	1.1	R	1.2	R
.000	Arsenic	MG/KG	3.6	J	4.	J	4.5	J	4.	J	3.8	J	3.7	J
.000	Barium	MG/KG	78.8		75.7		78.4		75.2		63.3		76.4	
.000	Beryllium	MG/KG	.46	J	.56	J	.61	J	.25	J	.3	J	.24	J
.000	Cadmium	MG/KG	.06	U	.07	U	.06	U	3.2		.05	U	.06	U
.000	Calcium	MG/KG	24,500.	J	38,200.	J	23,400.	J	77,600.	J	97,000.	J	82,100.	J
.000	Chromium	MG/KG	18.8		22.7		23.1		18.2		14.2		11.8	
.000	Cobalt	MG/KG	10.6	J	12.9		11.6		9.2		7.6	J	7.9	J
.000	Copper	MG/KG	21.4		24.2		23.8		23.6		22.5		24.6	
.000	Cyanide	MG/KG	.67	U	.65	U	.61	U	.56	U	.58	U	.59	U
.000	Iron	MG/KG	24,700.		28,100.		27,000.		16,400.		16,300.		16,500.	
.000	Lead	MG/KG	14.	J	10.7	J	9.5	J	12.	J	9.4	J	7.2	J
.000	Magnesium	MG/KG	7,020.		8,820.	J	6,970.	J	21,500.	J	16,400.	J	17,100.	J
.000	Manganese	MG/KG	479.		447.		411.		417.		448.		451.	
.000	Mercury	MG/KG	.06	J	.05	U	.06	U	.06	U	.05	U	.05	U
.000	Nickel	MG/KG	32.6	J	38.5	J	33.3	J	24.4	J	22.7	J	24.4	J
.000	Potassium	MG/KG	946.	J	1,570.		1,180.		1,540.		1,120.		1,220.	
.000	Selenium	MG/KG	.97	U	1.	U	.94	U	.72	U	.84	U	.89	U
.000	Silver	MG/KG	.25	U	.27	U	.25	U	.2	J	.22	U	.23	U
.000	Sodium	MG/KG	74.2	J	88.8	J	51.5	U	56.1	J	134.	J	78.9	J
.000	Thallium	MG/KG	1.3	J	1.2	J	1.1	U	1.2	J	.95	U	1.1	J
.000	Vanadium	MG/KG	18.2		20.8		21.		13.6		13.5		12.7	
.000	Zinc	MG/KG	88.7	J	125.	J	81.2	J	83.7	J	45.3	J	51.3	J

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PHASE 2 - VALIDATED DATA
SDG 71123

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71123		71123		71123		71123		71123		71123	
	LOC ID:	TP12-12A		TP12-12B		TP12-12C		MW12-40		MW12-40		MW12-40	
	SAMP_ID:	123118		123119		123120		123121		123122		123123	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		1.5		4		0		2		4	
	SAMP. DEPTH BOT:	0.5		1.5		4		0.2		4		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
VOLATILES													
1,1,1-Trichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
1,1,2,2-Tetrachloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
1,1,2-Trichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
1,1-Dichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
1,1-Dichloroethene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
1,2-Dichloroethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
1,2-Dichloroethene (total)	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
1,2-Dichloropropane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Acetone	UG/KG	15.	UJ	17.	UJ	12.	UJ	12.	U	11.	U	11.	U
Benzene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Bromodichloromethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Bromoform	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Carbon disulfide	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Carbon tetrachloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Chlorobenzene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Chlorodibromomethane	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Chloroethane	UG/KG	12.	UJ	11.	UJ	12.	UJ	12.	U	11.	U	11.	U
Chloroform	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Cis-1,3-Dichloropropene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Ethyl benzene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Methyl bromide	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Methyl butyl ketone	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Methyl chloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Methyl ethyl ketone	UG/KG	12.	UJ	11.	UJ	12.	UJ	12.	U	11.	U	11.	U
Methyl isobutyl ketone	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Methylene chloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Styrene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Tetrachloroethene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Toluene	UG/KG	12.	U	11.	U	12.	U	12.	U	5.	J	11.	U
Total Xylenes	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Trans-1,3-Dichloropropene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Trichloroethene	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
Vinyl chloride	UG/KG	12.	U	11.	U	12.	U	12.	U	11.	U	11.	U
SEMI-VOLATILES													
1,2,4-Trichlorobenzene	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U
1,2-Dichlorobenzene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
1,3-Dichlorobenzene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
1,4-Dichlorobenzene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
2,4,5-Trichlorophenol	UG/KG	180.	U	190.	U	190.	U	210.	U	170.	U	170.	U
2,4,6-Trichlorophenol	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U
2,4-Dichlorophenol	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
2,4-Dimethylphenol	UG/KG	74.	UJ	77.	UJ	78.	UJ	86.	UJ	72.	UJ	71.	UJ
2,4-Dinitrophenol	UG/KG	180.	UJ	190.	UJ	190.	UJ	210.	UJ	170.	UJ	170.	UJ
2,4-Dinitrotoluene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
2,6-Dinitrotoluene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
2-Chloronaphthalene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
2-Chlorophenol	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U
2-Methylnaphthalene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
2-Methylphenol	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U
2-Nitroaniline	UG/KG	180.	U	190.	UJ	190.	U	210.	U	170.	U	170.	U
2-Nitrophenol	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U
3,3'-Dichlorobenzidine	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
3-Nitroaniline	UG/KG	180.	U	190.	UJ	190.	U	210.	U	170.	U	170.	U
4,6-Dinitro-2-methylphenol	UG/KG	180.	UJ	190.	UJ	190.	UJ	210.	U	170.	U	170.	U
4-Bromophenyl phenyl ether	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
4-Chloro-3-methylphenol	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123		71123		71123		71123		71123	
		LOC ID:	TP12-12A		TP12-12B		TP12-12C		MW12-40		MW12-40		MW12-40	
		SAMP_ID:	123118		123119		123120		123121		123122		123123	
		FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	0.5		1.5		4		0		2		4	
		SAMP. DEPTH BOT:	0.5		1.5		4		0.2		4		6	
		MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		SAMP. DATE:	14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98	
	PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
.000	4-Chloroaniline	UG/KG	74.	UJ	77.	UJ	78.	UJ	86.	UJ	72.	UJ	71.	UJ
.000	4-Chlorophenyl phenyl ether	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	4-Methylphenol	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U
.000	4-Nitroaniline	UG/KG	180.	UJ	190.	UJ	190.	UJ	210.	UJ	170.	UJ	170.	UJ
.000	4-Nitrophenol	UG/KG	180.	UJ	190.	UJ	190.	UJ	210.	U	170.	UJ	170.	UJ
.000	Acenaphthene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Acenaphthylene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Anthracene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Benzo[a]anthracene	UG/KG	74.	U	77.	UJ	78.	U	6.	J	72.	U	71.	U
.000	Benzo[a]pyrene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Benzo[b]fluoranthene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Benzo[ghi]perylene	UG/KG	74.	U	77.	UJ	78.	U	86.	UJ	72.	U	71.	U
.000	Benzo[k]fluoranthene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Bis(2-Chloroethoxy)methane	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Bis(2-Chloroethyl)ether	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Bis(2-Chloroisopropyl)ether	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Bis(2-Ethylhexyl)phthalate	UG/KG	74.	UJ	77.	UJ	78.	UJ	86.	U	72.	UJ	71.	UJ
.000	Butylbenzylphthalate	UG/KG	74.	UJ	77.	UJ	78.	UJ	86.	U	72.	UJ	71.	UJ
.000	Carbazole	UG/KG	74.	UJ	77.	UJ	78.	UJ	86.	UJ	72.	UJ	71.	UJ
.000	Chrysene	UG/KG	74.	U	77.	UJ	78.	U	17.	J	72.	U	71.	U
.000	Di-n-butylphthalate	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Di-n-octylphthalate	UG/KG	74.	UJ	77.	UJ	78.	UJ	15.	J	7.3	J	6.7	J
.000	Dibenz[a,h]anthracene	UG/KG	74.	U	77.	UJ	78.	U	86.	UJ	72.	U	71.	U
.000	Dibenzofuran	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Diethyl phthalate	UG/KG	74.	U	77.	UJ	78.	U	86.	U	4.3	J	71.	U
.000	Dimethylphthalate	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Fluoranthene	UG/KG	74.	U	77.	UJ	78.	U	19.	J	72.	U	71.	U
.000	Fluorene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Hexachlorobenzene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Hexachlorobutadiene	UG/KG	74.	UJ	77.	UJ	78.	UJ	86.	UJ	72.	UJ	71.	UJ
.000	Hexachlorocyclopentadiene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Hexachloroethane	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Indeno[1,2,3-cd]pyrene	UG/KG	74.	U	77.	UJ	78.	U	86.	UJ	72.	U	71.	U
.000	Isophorone	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	N-Nitrosodiphenylamine	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	N-Nitrosodipropylamine	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Naphthalene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Nitrobenzene	UG/KG	74.	U	77.	UJ	78.	U	86.	U	72.	U	71.	U
.000	Pentachlorophenol	UG/KG	180.	UJ	190.	UJ	190.	UJ	210.	UJ	170.	UJ	170.	UJ
.000	Phenanthrene	UG/KG	74.	U	77.	UJ	78.	U	9.6	J	72.	U	6.1	J
.000	Phenol	UG/KG	74.	U	77.	U	78.	U	86.	U	72.	U	71.	U
.000	Pyrene	UG/KG	74.	U	77.	UJ	78.	U	15.	J	72.	U	71.	U
	PESTICIDES/PCBs													
.000	4,4'-DDD	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
.000	4,4'-DDE	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
.000	4,4'-DDT	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
.000	Aldrin	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
.000	Alpha-BHC	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
.000	Alpha-Chlordane	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
.000	Aroclor-1016	UG/KG	37.	U	38.	U	39.	U	43.	U	36.	U	35.	U
.000	Aroclor-1221	UG/KG	75.	U	78.	U	80.	U	87.	U	73.	U	72.	U
.000	Aroclor-1232	UG/KG	37.	U	38.	U	39.	U	43.	U	36.	U	35.	U
.000	Aroclor-1242	UG/KG	37.	U	38.	U	39.	U	43.	U	36.	U	35.	U
.000	Aroclor-1248	UG/KG	37.	U	38.	U	39.	U	43.	U	36.	U	35.	U
.000	Aroclor-1254	UG/KG	37.	U	38.	U	39.	U	43.	U	36.	U	35.	U
.000	Aroclor-1260	UG/KG	37.	U	38.	U	39.	U	43.	U	36.	U	35.	U
.000	Beta-BHC	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123		71123		71123		71123		71123	
		LOC ID:	TP12-12A		TP12-12B		TP12-12C		MW12-40		MW12-40		MW12-40	
		SAMP_ID:	123118		123119		123120		123121		123122		123123	
		FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	0.5		1.5		4		0		2		4	
		SAMP. DEPTH BOT:	0.5		1.5		4		0.2		4		6	
		MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
		SAMP. DATE:	14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98		14-Oct-98	
	PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
000	Delta-BHC	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
000	Dieldrin	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
000	Endosulfan I	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
000	Endosulfan II	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
000	Endosulfan sulfate	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
000	Endrin	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
000	Endrin aldehyde	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
000	Endrin ketone	UG/KG	3.7	U	3.8	U	3.9	U	4.3	U	3.6	U	3.5	U
000	Gamma-BHC/Lindane	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
000	Gamma-Chlordane	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
000	Heptachlor	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
000	Heptachlor epoxide	UG/KG	1.9	U	2.	U	2.	U	2.2	U	1.8	U	1.8	U
000	Methoxychlor	UG/KG	19.	U	20.	U	20.	U	22.	U	18.	U	18.	U
000	Toxaphene	UG/KG	190.	U	200.	U	200.	U	220.	U	180.	U	180.	U
	METALS													
000	Aluminum	MG/KG	12,900.	J	13,200.	J	13,700.	J	13,500.	J	10,100.	J	10,900.	J
000	Antimony	MG/KG	1.1	R	1.1	R	1.1	R	1.	R	1.3	R	1.	R
000	Arsenic	MG/KG	4.2	J	4.4	J	6.4	J	4.3	J	2.9	J	3.5	J
000	Barium	MG/KG	61.4		69.8		130.		80.		60.2		66.5	
000	Beryllium	MG/KG	.56	J	.56	J	.02	U	.56	J	.48	J	.5	J
000	Cadmium	MG/KG	.05	U	.05	U	.05	U	.05	U	.06	U	.05	U
000	Calcium	MG/KG	21,400.	J	19,400.	J	7,370.	J	13,200.	J	30,900.	J	41,700.	J
000	Chromium	MG/KG	22.5		23.1		24.9		22.3		18.2		20.	
000	Cobalt	MG/KG	36.3		11.7		10.1	J	12.9		13.8		11.5	
000	Copper	MG/KG	21.4		26.		25.8		24.3		22.9		27.	
000	Cyanide	MG/KG	.58	U	.67	U	.7	U	.69	U	.61	U	.6	U
000	Iron	MG/KG	40,600.	J	32,000.	J	30,400.	J	30,900.		30,900.		25,600.	
000	Lead	MG/KG	9.2	J	33.5	J	34.	J	18.3	J	14.7	J	17.4	J
000	Magnesium	MG/KG	5,790.	J	5,910.	J	5,000.	J	5,710.	J	4,820.	J	7,480.	J
000	Manganese	MG/KG	422.		458.		4,110.		475.		364.		307.	
000	Mercury	MG/KG	.05	U	.05	U	.06	U	.06	U	.05	U	.05	U
000	Nickel	MG/KG	47.2	J	37.8	J	28.7	J	40.6	J	51.3	J	40.5	J
000	Potassium	MG/KG	879.	J	839.	J	809.	J	1,320.		817.	J	1,240.	
000	Selenium	MG/KG	.81	U	.79	U	1.6		.76	J	.98	U	.78	U
000	Silver	MG/KG	.21	U	.21	U	.21	U	.24	J	.25	U	.2	U
000	Sodium	MG/KG	109.	J	147.	J	197.	J	68.5	J	53.4	U	61.3	J
000	Thallium	MG/KG	.93	J	.99	J	3.8		1.2	J	1.1	U	.98	J
000	Vanadium	MG/KG	17.9		19.5		22.5		21.1		14.3		16.2	
000	Zinc	MG/KG	126.	J	166.	J	391.	J	90.6	J	71.4	J	57.3	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123	
		LOC ID:	TP12-7BA		TP12-7AA	
		SAMP_ID:	123127		123128	
		FIELD QC CODE:	SA		SA	
		SAMP. DEPTH TOP:	1		1	
		SAMP. DEPTH BOT:	1		1	
		MATRIX:	SOIL		SOIL	
		SAMP. DATE:	15-Oct-98		15-Oct-98	
T	PARAMETER	UNIT	VALUE	Q	VALUE	Q
	VOLATILES					
0.000	1,1,1-Trichloroethane	UG/KG	11.	U	11.	U
0.000	1,1,2,2-Tetrachloroethane	UG/KG	11.	U	11.	U
0.000	1,1,2-Trichloroethane	UG/KG	11.	U	11.	U
0.000	1,1-Dichloroethane	UG/KG	11.	U	11.	U
0.000	1,1-Dichloroethene	UG/KG	11.	U	11.	U
0.000	1,2-Dichloroethane	UG/KG	11.	U	11.	U
0.000	1,2-Dichloroethene (total)	UG/KG	11.	U	11.	U
0.000	1,2-Dichloropropane	UG/KG	11.	U	11.	U
0.000	Acetone	UG/KG	13.	UJ	11.	UJ
0.000	Benzene	UG/KG	11.	U	11.	U
0.000	Bromodichloromethane	UG/KG	11.	U	11.	U
0.000	Bromoform	UG/KG	11.	U	11.	U
0.000	Carbon disulfide	UG/KG	11.	U	11.	U
0.000	Carbon tetrachloride	UG/KG	11.	U	11.	U
0.000	Chlorobenzene	UG/KG	11.	U	11.	U
0.000	Chlorodibromomethane	UG/KG	11.	U	11.	U
0.000	Chloroethane	UG/KG	11.	UJ	11.	UJ
0.000	Chloroform	UG/KG	11.	U	11.	U
0.000	Cis-1,3-Dichloropropene	UG/KG	11.	U	11.	U
0.000	Ethyl benzene	UG/KG	11.	U	11.	U
0.000	Methyl bromide	UG/KG	11.	U	11.	U
0.000	Methyl butyl ketone	UG/KG	11.	U	11.	U
0.000	Methyl chloride	UG/KG	11.	U	11.	U
0.000	Methyl ethyl ketone	UG/KG	11.	UJ	11.	UJ
0.000	Methyl isobutyl ketone	UG/KG	11.	U	11.	U
0.000	Methylene chloride	UG/KG	11.	U	11.	U
0.000	Styrene	UG/KG	11.	U	11.	U
0.000	Tetrachloroethene	UG/KG	11.	U	11.	U
0.000	Toluene	UG/KG	11.	U	11.	U
0.000	Total Xylenes	UG/KG	11.	U	11.	U
0.000	Trans-1,3-Dichloropropene	UG/KG	11.	U	11.	U
0.000	Trichloroethene	UG/KG	11.	U	11.	U
0.000	Vinyl chloride	UG/KG	11.	U	11.	U
	SEMI-VOLATILES					
0.000	1,2,4-Trichlorobenzene	UG/KG	73.	U	76.	U
0.000	1,2-Dichlorobenzene	UG/KG	73.	U	76.	U
0.000	1,3-Dichlorobenzene	UG/KG	73.	U	76.	U
0.000	1,4-Dichlorobenzene	UG/KG	73.	U	76.	U
0.000	2,4,5-Trichlorophenol	UG/KG	180.	U	180.	U
0.000	2,4,6-Trichlorophenol	UG/KG	73.	U	76.	U
0.000	2,4-Dichlorophenol	UG/KG	73.	U	76.	U
0.000	2,4-Dimethylphenol	UG/KG	73.	UJ	76.	UJ
0.000	2,4-Dinitrophenol	UG/KG	180.	UJ	180.	UJ
0.000	2,4-Dinitrotoluene	UG/KG	73.	U	76.	U
0.000	2,6-Dinitrotoluene	UG/KG	73.	U	76.	U
0.000	2-Chloronaphthalene	UG/KG	73.	U	76.	U
0.000	2-Chlorophenol	UG/KG	73.	U	76.	U
0.000	2-Methylnaphthalene	UG/KG	73.	U	7.8	J
0.000	2-Methylphenol	UG/KG	73.	U	76.	U
0.000	2-Nitroaniline	UG/KG	180.	U	180.	U
0.000	2-Nitrophenol	UG/KG	73.	U	76.	U
0.000	3,3`-Dichlorobenzidine	UG/KG	73.	U	76.	U
0.000	3-Nitroaniline	UG/KG	180.	U	180.	U
0.000	4,6-Dinitro-2-methylphenol	UG/KG	180.	UJ	180.	UJ
0.000	4-Bromophenyl phenyl ether	UG/KG	73.	U	76.	U
0.000	4-Chloro-3-methylphenol	UG/KG	73.	U	76.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123	
		LOC ID:	TP12-7BA		TP12-7AA	
		SAMP_ID:	123127		123128	
		FIELD QC CODE:	SA		SA	
		SAMP. DEPTH TOP:	1		1	
		SAMP. DEPTH BOT:	1		1	
		MATRIX:	SOIL		SOIL	
		SAMP. DATE:	15-Oct-98		15-Oct-98	
	PARAMETER	UNIT	VALUE	Q	VALUE	Q
000	4-Chloroaniline	UG/KG	73.	UJ	76.	UJ
000	4-Chlorophenyl phenyl ether	UG/KG	73.	U	76.	U
000	4-Methylphenol	UG/KG	73.	U	76.	U
000	4-Nitroaniline	UG/KG	180.	UJ	180.	UJ
000	4-Nitrophenol	UG/KG	180.	UJ	180.	UJ
000	Acenaphthene	UG/KG	5.	J	7.6	J
000	Acenaphthylene	UG/KG	73.	U	76.	U
000	Anthracene	UG/KG	5.4	J	8.3	J
000	Benzo[a]anthracene	UG/KG	19.	J	38.	J
000	Benzo[a]pyrene	UG/KG	20.	J	43.	J
000	Benzo[b]fluoranthene	UG/KG	18.	J	49.	J
000	Benzo[ghi]perylene	UG/KG	14.	J	28.	J
000	Benzo[k]fluoranthene	UG/KG	24.	J	42.	J
000	Bis(2-Chloroethoxy)methane	UG/KG	73.	U	76.	U
000	Bis(2-Chloroethyl)ether	UG/KG	73.	U	76.	U
000	Bis(2-Chloroisopropyl)ether	UG/KG	73.	U	76.	U
000	Bis(2-Ethylhexyl)phthalate	UG/KG	73.	UJ	76.	UJ
000	Butylbenzylphthalate	UG/KG	73.	UJ	76.	UJ
000	Carbazole	UG/KG	6.7	J	12.	J
000	Chrysene	UG/KG	26.	J	55.	J
000	Di-n-butylphthalate	UG/KG	73.	UJ	76.	UJ
000	Di-n-octylphthalate	UG/KG	73.	UJ	8.	J
000	Dibenz[a,h]anthracene	UG/KG	7.	J	11.	J
000	Dibenzofuran	UG/KG	73.	U	76.	U
000	Diethyl phthalate	UG/KG	73.	U	76.	U
000	Dimethylphthalate	UG/KG	73.	U	76.	U
000	Fluoranthene	UG/KG	48.	J	85.	
000	Fluorene	UG/KG	73.	U	76.	U
000	Hexachlorobenzene	UG/KG	73.	U	76.	U
000	Hexachlorobutadiene	UG/KG	73.	UJ	76.	UJ
000	Hexachlorocyclopentadiene	UG/KG	73.	U	76.	U
000	Hexachloroethane	UG/KG	73.	U	76.	U
000	Indeno[1,2,3-cd]pyrene	UG/KG	13.	J	26.	J
000	Isophorone	UG/KG	73.	U	76.	U
000	N-Nitrosodiphenylamine	UG/KG	73.	U	76.	U
000	N-Nitrosodipropylamine	UG/KG	73.	U	76.	U
000	Naphthalene	UG/KG	73.	U	76.	U
000	Nitrobenzene	UG/KG	73.	U	76.	U
000	Pentachlorophenol	UG/KG	180.	UJ	180.	UJ
000	Phenanthrene	UG/KG	39.	J	67.	J
000	Phenol	UG/KG	73.	U	76.	U
000	Pyrene	UG/KG	40.	J	85.	
	PESTICIDES/PCBs					
000	4,4`-DDD	UG/KG	3.7	U	2.2	J
000	4,4`-DDE	UG/KG	3.7	U	2.5	J
000	4,4`-DDT	UG/KG	3.7	U	2.6	J
000	Aldrin	UG/KG	1.9	U	2.	U
000	Alpha-BHC	UG/KG	1.9	U	2.	U
000	Alpha-Chlordane	UG/KG	1.9	U	2.	U
000	Aroclor-1016	UG/KG	37.	U	38.	U
000	Aroclor-1221	UG/KG	74.	U	77.	U
000	Aroclor-1232	UG/KG	37.	U	38.	U
000	Aroclor-1242	UG/KG	37.	U	38.	U
000	Aroclor-1248	UG/KG	37.	U	38.	U
000	Aroclor-1254	UG/KG	37.	U	38.	U
000	Aroclor-1260	UG/KG	37.	U	38.	U
000	Beta-BHC	UG/KG	1.9	U	2.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71123

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	71123		71123	
		LOC ID:	TP12-7BA		TP12-7AA	
		SAMP_ID:	123127		123128	
		FIELD QC CODE:	SA		SA	
		SAMP. DEPTH TOP:	1		1	
		SAMP. DEPTH BOT:	1		1	
		MATRIX:	SOIL		SOIL	
		SAMP. DATE:	15-Oct-98		15-Oct-98	
T	PARAMETER	UNIT	VALUE	Q	VALUE	Q
0.000	Delta-BHC	UG/KG	1.9	U	2.	U
0.000	Dieldrin	UG/KG	3.7	U	3.8	U
0.000	Endosulfan I	UG/KG	1.9	U	2.	U
0.000	Endosulfan II	UG/KG	3.7	U	3.8	U
0.000	Endosulfan sulfate	UG/KG	3.7	U	3.8	U
0.000	Endrin	UG/KG	3.7	U	3.8	U
0.000	Endrin aldehyde	UG/KG	3.7	U	3.8	U
0.000	Endrin ketone	UG/KG	3.7	U	3.8	U
0.000	Gamma-BHC/Lindane	UG/KG	1.9	U	2.	U
0.000	Gamma-Chlordane	UG/KG	1.9	U	2.	U
0.000	Heptachlor	UG/KG	1.9	U	2.	U
0.000	Heptachlor epoxide	UG/KG	1.9	U	2.	U
0.000	Methoxychlor	UG/KG	19.	U	20.	U
0.000	Toxaphene	UG/KG	190.	U	200.	U
	METALS					
0.000	Aluminum	MG/KG	8,110.	J	9,980.	J
0.000	Antimony	MG/KG	1.3	R	1.1	R
0.000	Arsenic	MG/KG	3.6	J	5.8	J
0.000	Barium	MG/KG	51.8		69.9	
0.000	Beryllium	MG/KG	.31	J	.32	J
0.000	Cadmium	MG/KG	.06	U	.06	U
0.000	Calcium	MG/KG	39,000.	J	51,400.	J
0.000	Chromium	MG/KG	13.8		24.6	
0.000	Cobalt	MG/KG	11.6		10.8	
0.000	Copper	MG/KG	20.9		26.	
0.000	Cyanide	MG/KG	.56	U	.63	U
0.000	Iron	MG/KG	23,100.	J	25,500.	J
0.000	Lead	MG/KG	17.2	J	39.8	J
0.000	Magnesium	MG/KG	7,820.	J	18,400.	J
0.000	Manganese	MG/KG	378.		656.	
0.000	Mercury	MG/KG	.05	U	.06	J
0.000	Nickel	MG/KG	34.9	J	28.1	J
0.000	Potassium	MG/KG	985.	J	961.	
0.000	Selenium	MG/KG	.95	U	.85	U
0.000	Silver	MG/KG	.25	U	.22	U
0.000	Sodium	MG/KG	267.	J	48.4	J
0.000	Thallium	MG/KG	1.1	J	1.7	J
0.000	Vanadium	MG/KG	14.9		19.3	
0.000	Zinc	MG/KG	656.	J	172.	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129		71129	
	LOC ID:	TP12-9A		TP12-9B		TP12-9C		TP12-7BB		TP12-8A		TP12-8		TP12-8B	
	SAMP_ID:	123124		123125		123126		123129		123130		123131		123132	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		1		2.5		2		1		2		3	
	SAMP. DEPTH BOT:	0.5		1		2.5		2		1		2		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES															
,1-Trichloroethane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
,2,2-Tetrachloroethane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
,2-Trichloroethane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
-Dichloroethane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
-Dichloroethene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
-Dichloroethane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
-Dichloroethene (total)	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
-Dichloropropane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
etone	UG/KG	13.	UJ	13.	J	12.	UJ	12.	UJ	12.	UJ	12.	UJ	11.	U
nzene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
omodichloromethane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
omoform	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
rbon disulfide	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
rbon tetrachloride	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
lorobenzene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
lorodibromomethane	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
loroethane	UG/KG	13.	UJ	12.	UJ	12.	UJ	12.	UJ	12.	UJ	12.	UJ	11.	U
loroform	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
s-1,3-Dichloropropene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
hyl benzene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl bromide	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl butyl ketone	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl chloride	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl ethyl ketone	UG/KG	13.	UJ	12.	UJ	12.	UJ	12.	UJ	12.	UJ	12.	UJ	11.	U
ethyl isobutyl ketone	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethylene chloride	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
yrene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
trachloroethene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
luene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
tal Xylenes	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ans-1,3-Dichloropropene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
chloroethene	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
nyl chloride	UG/KG	13.	U	12.	U	12.	U	12.	U	12.	U	12.	U	11.	U
EMI-VOLATILES															
,4-Trichlorobenzene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
-Dichlorobenzene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
-Dichlorobenzene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
-Dichlorobenzene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
,5-Trichlorophenol	UG/KG	210.	U	180.	U	190.	U	180.	U	190.	U	180.	U	300.	U
,6-Trichlorophenol	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
-Dichlorophenol	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
-Dimethylphenol	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U
-Dinitrophenol	UG/KG	210.	U	180.	U	190.	U	180.	UJ	190.	UJ	180.	UJ	300.	U
-Dinitrotoluene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
-Dinitrotoluene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
Chloronaphthalene	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U
Chlorophenol	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
Methylnaphthalene	UG/KG	86.	UJ	76.	UJ	78.	UJ	6.8	J	78.	U	74.	U	120.	U
Methylphenol	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
Nitroaniline	UG/KG	210.	U	180.	U	190.	U	180.	U	190.	U	180.	U	300.	U
Nitrophenol	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
'-Dichlorobenzidine	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
Nitroaniline	UG/KG	210.	U	180.	U	190.	U	180.	U	190.	U	180.	U	300.	U
-Dinitro-2-methylphenol	UG/KG	210.	U	180.	U	190.	U	180.	U	190.	U	180.	U	300.	U
Bromophenyl phenyl ether	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
Chloro-3-methylphenol	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U

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PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129		71129	
	LOC ID:	TP12-9A		TP12-9B		TP12-9C		TP12-7BB		TP12-8A		TP12-8		TP12-8B	
	SAMP_ID:	123124		123125		123126		123129		123130		123131		123132	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		1		2.5		2		1		2		3	
	SAMP. DEPTH BOT:	0.5		1		2.5		2		1		2		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	UJ	78.	UJ	74.	UJ	120.	U
Chlorophenyl phenyl ether	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
Methylphenol	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
Nitroaniline	UG/KG	210.	UJ	180.	UJ	190.	UJ	180.	UJ	190.	UJ	180.	UJ	300.	U
Nitrophenol	UG/KG	210.	UJ	180.	UJ	190.	UJ	180.	U	190.	U	180.	U	300.	U
cenaphthene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	13.	J	120.	U
cenaphthylene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
nthracene	UG/KG	86.	UJ	76.	UJ	78.	UJ	17.	J	57.	J	20.	J	120.	U
enzo[a]anthracene	UG/KG	8.5	J	76.	U	78.	U	7.7	J	200.		68.	J	26.	J
enzo[a]pyrene	UG/KG	9.1	J	76.	UJ	78.	UJ	8.6	J	100.		67.	J	24.	J
enzo[b]fluoranthene	UG/KG	10.	J	76.	U	78.	U	13.	J	200.		82.	J	33.	J
enzo[ghi]perylene	UG/KG	86.	U	76.	U	78.	U	76.	UJ	35.	J	43.	J	120.	U
enzo[k]fluoranthene	UG/KG	86.	U	76.	U	78.	U	76.	U	170.		84.	J	29.	J
s(2-Chloroethoxy)methane	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
s(2-Chloroethyl)ether	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
s(2-Chloroisopropyl)ether	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
s(2-Ethylhexyl)phthalate	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
utylbenzylphthalate	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	11.	J	120.	U
arbazole	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	UJ	78.	UJ	18.	J	120.	U
hrysene	UG/KG	12.	J	76.	U	78.	U	16.	J	310.		88.		36.	J
-n-butylphthalate	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
-n-octylphthalate	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	UJ	78.	UJ	74.	UJ	120.	U
benz[a,h]anthracene	UG/KG	86.	U	76.	U	78.	U	76.	UJ	26.	J	19.	J	120.	U
benzofuran	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U
ethyl phthalate	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
methylphthalate	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
uoranthene	UG/KG	16.	J	76.	U	78.	U	22.	J	220.		140.		51.	J
uorene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	12.	J	120.	U
exachlorobenzene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
exachlorobutadiene	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	UJ	78.	UJ	74.	UJ	120.	U
exachlorocyclopentadiene	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
exachloroethane	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
deno[1,2,3-cd]pyrene	UG/KG	86.	U	76.	U	78.	U	76.	UJ	44.	J	42.	J	120.	U
ophorone	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U
-Nitrosodiphenylamine	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U
-Nitrosodipropylamine	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
aphthalene	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U
trobenzene	UG/KG	86.	UJ	76.	UJ	78.	UJ	76.	U	78.	U	74.	U	120.	U
ntachlorophenol	UG/KG	210.	R	180.	R	190.	R	180.	U	190.	U	180.	U	300.	U
henanthrene	UG/KG	12.	J	76.	U	78.	U	16.	J	20.	J	100.		16.	J
henol	UG/KG	86.	U	76.	U	78.	U	76.	U	78.	U	74.	U	120.	U
yrene	UG/KG	17.	J	76.	UJ	78.	UJ	15.	J	310.		140.		53.	J
ESTICIDES/PCBs															
4'-DDD	UG/KG	4.3	U	3.8	U	3.8	U	3.8	U	3.9	U	3.7	U	6.1	U
4'-DDE	UG/KG	4.3	U	3.8	U	3.8	U	3.3	J	3.9	U	2.1	J	6.1	U
4'-DDT	UG/KG	4.3	U	3.8	U	3.8	U	2.9	J	3.9	U	4.4		6.1	U
drin	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
pha-BHC	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
pha-Chlordane	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
oclor-1016	UG/KG	43.	U	38.	U	38.	U	38.	U	39.	U	37.	U	61.	U
oclor-1221	UG/KG	87.	U	77.	U	78.	U	77.	U	80.	U	75.	U	120.	U
oclor-1232	UG/KG	43.	U	38.	U	38.	U	38.	U	39.	U	37.	U	61.	U
oclor-1242	UG/KG	43.	U	38.	U	38.	U	38.	U	39.	U	37.	U	61.	U
oclor-1248	UG/KG	43.	U	38.	U	38.	U	38.	U	39.	U	37.	U	61.	U
oclor-1254	UG/KG	43.	U	38.	U	38.	U	38.	U	39.	U	37.	U	61.	U
oclor-1260	UG/KG	43.	U	38.	U	38.	U	38.	U	39.	U	37.	U	61.	U
eta-BHC	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U

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PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129		71129	
	LOC ID:	TP12-9A		TP12-9B		TP12-9C		TP12-7BB		TP12-8A		TP12-8		TP12-8B	
	SAMP_ID:	123124		123125		123126		123129		123130		123131		123132	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		1		2.5		2		1		2		3	
	SAMP. DEPTH BOT:	0.5		1		2.5		2		1		2		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98		15-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
eldrin	UG/KG	4.3	U	3.8	U	3.8	U	3.8	U	3.9	U	3.7	U	6.1	U
ndosulfan I	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
ndosulfan II	UG/KG	4.3	U	3.8	U	3.8	U	3.8	U	3.9	U	3.7	U	6.1	U
ndosulfan sulfate	UG/KG	4.3	U	3.8	U	3.8	U	3.8	U	3.9	U	3.7	U	6.1	U
ndrin	UG/KG	4.3	U	3.8	U	3.8	U	3.8	U	3.9	U	3.7	U	6.1	U
ndrin aldehyde	UG/KG	4.3	U	3.8	U	3.8	U	3.8	U	3.9	U	3.7	U	6.1	U
ndrin ketone	UG/KG	4.3	U	3.8	U	3.8	U	3.8	U	3.9	U	3.7	U	6.1	U
amma-BHC/Lindane	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
amma-Chlordane	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
eptachlor	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
eptachlor epoxide	UG/KG	2.2	U	2.	U	2.	U	2.	U	2.	U	1.9	U	3.1	U
ethoxychlor	UG/KG	22.	U	20.	U	20.	U	20.	U	20.	U	19.	U	31.	U
oxaphene	UG/KG	220.	U	200.	U	200.	U	200.	U	200.	U	190.	U	310.	U
ETALS															
uminum	MG/KG	13,400.	J	15,500.	J	16,400.	J	11,000.	J	10,300.	J	4,140.	J	14,000.	J
ntimony	MG/KG	1.5	R	1.1	R	99.	R	1.2	R	1.3	R	1.2	R	2.	R
rsenic	MG/KG	4.8		4.3		5.3		4.3		3.2		2.6		5.8	
arium	MG/KG	90.2	J	69.4	J	181.	J	49.9	J	106.	J	38.9	J	113.	J
eryllium	MG/KG	.53	J	.55	J	1.1		.46	J	.44	J	.21	J	.6	J
admium	MG/KG	.07	U	.05	U	.05	U	.06	U	.06	U	.06	U	.1	U
alcium	MG/KG	2,940.		1,160.		2,780.		27,400.		6,830.		224,000.		139,000.	
hromium	MG/KG	17.		19.		20.3		20.9		14.		6.7		24.1	
obalt	MG/KG	8.9	J	7.5	J	12.7		11.7		9.	J	4.9	J	16.3	J
opper	MG/KG	15.2		15.4		26.1		33.9		14.7		14.		32.5	
yanide	MG/KG	.69	U	.61	U	.64	U	.65	U	.67	U	.57	U	1.	U
on	MG/KG	22,100.	J	27,700.	J	28,300.	J	11,300.	J	20,800.	J	13,000.	J	33,500.	J
ead	MG/KG	23.1	J	12.	J	11.1	J	34.6	J	12.8	J	18.1	J	21.8	J
agnesium	MG/KG	3,290.	J	3,940.	J	5,120.	J	9,900.	J	4,390.	J	11,900.	J	14,300.	J
anganese	MG/KG	666.		139.		713.		167.		597.		515.		786.	
ercury	MG/KG	.07	J	.06	U	.06	U	.05	U	.06	J	.06	U	.09	U
ickel	MG/KG	18.8	J	20.2	J	32.5	J	39.	J	18.7	J	12.3	J	45.5	J
otassium	MG/KG	905.	J	771.	J	1,070.		1,210.		881.	J	731.	J	1,340.	J
elenium	MG/KG	1.1	J	.79	UJ	.75	UJ	.93	J	.98	J	.9	J	1.5	J
lver	MG/KG	.29	U	.21	U	.2	U	.24	U	.26	U	.24	U	.39	U
odium	MG/KG	61.4	U	43.4	U	41.	U	140.	J	53.6	U	114.	J	205.	J
allium	MG/KG	1.3	U	.93	J	1.3	J	1.1	J	1.1	U	1.	U	1.7	J
anadium	MG/KG	22.8		24.7		24.5		19.9		17.5		11.1		23.7	
nc	MG/KG	62.1	J	47.7	J	61.4	J	411.	J	49.2	J	90.2	J	108.	J

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PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129		71129	
	LOC ID:	MW12-29		MW12-30		MW12-30		TP12-1A		TP12-1B		TP12-1C		TP12-2A	
	SAMP_ID:	123133		123136		123138		123142		123143		123144		123145	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		2		0.5		3		6		3	
	SAMP. DEPTH BOT:	0.2		0.2		3.5		0.5		3		6		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	15-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES															
1,1-Trichloroethane	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
1,2,2-Tetrachloroethane	UG/KG	15.	UJ	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
1,2-Trichloroethane	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
1-Dichloroethane	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
1-Dichloroethene	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
2-Dichloroethane	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
2-Dichloroethene (total)	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
2-Dichloropropane	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
cetone	UG/KG	15.	UJ	14.	UJ	4.	J	11.	UJ	11.	UJ	12.	UJ	11.	U
enzene	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
romodichloromethane	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
romoform	UG/KG	15.	UJ	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
arbon disulfide	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
arbon tetrachloride	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
hlorobenzene	UG/KG	15.	UJ	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
hlorodibromomethane	UG/KG	15.	U	14.	UJ	12.	U	11.	U	11.	U	12.	U	11.	U
hloroethane	UG/KG	15.	UJ	14.	U	12.	UJ	11.	U	11.	U	12.	U	11.	U
hloroform	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
s-1,3-Dichloropropene	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
hyl benzene	UG/KG	15.	UJ	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
ethyl bromide	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
ethyl butyl ketone	UG/KG	15.	U	14.	U	12.	U	11.	UJ	11.	UJ	12.	UJ	11.	U
ethyl chloride	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
ethyl ethyl ketone	UG/KG	15.	UJ	14.	UJ	12.	UJ	11.	UJ	11.	UJ	12.	UJ	11.	U
ethyl isobutyl ketone	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
ethylene chloride	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
yrene	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
etrachloroethene	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
oluene	UG/KG	15.	U	14.	U	4.	J	11.	U	11.	U	12.	U	11.	U
otal Xylenes	UG/KG	15.	UJ	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
rans-1,3-Dichloropropene	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
richloroethene	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
nyl chloride	UG/KG	15.	U	14.	U	12.	U	11.	U	11.	U	12.	U	11.	U
EMI-VOLATILES															
2,4-Trichlorobenzene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
2-Dichlorobenzene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
3-Dichlorobenzene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
4-Dichlorobenzene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
4,5-Trichlorophenol	UG/KG	250.	U	230.	U	190.	U	190.	U	180.	U	180.	U	180.	U
4,6-Trichlorophenol	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
4-Dichlorophenol	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
4-Dimethylphenol	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	U
4-Dinitrophenol	UG/KG	250.	UJ	230.	U	190.	U	190.	U	180.	U	180.	U	180.	U
4-Dinitrotoluene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
6-Dinitrotoluene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
Chloronaphthalene	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	U
Chlorophenol	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
Methylnaphthalene	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	U
Methylphenol	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
Nitroaniline	UG/KG	250.	U	230.	U	190.	U	190.	U	180.	U	180.	U	180.	U
Nitrophenol	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
3'-Dichlorobenzidine	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
Nitroaniline	UG/KG	250.	U	230.	UJ	190.	UJ	190.	UJ	180.	UJ	180.	UJ	180.	U
6-Dinitro-2-methylphenol	UG/KG	250.	U	230.	U	190.	U	190.	U	180.	U	180.	U	180.	U
Bromophenyl phenyl ether	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
Chloro-3-methylphenol	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	U

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PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129		71129	
	LOC ID:	MW12-29		MW12-30		MW12-30		TP12-1A		TP12-1B		TP12-1C		TP12-2A	
	SAMP_ID:	123133		123136		123138		123142		123143		123144		123145	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		2		0.5		3		6		3	
	SAMP. DEPTH BOT:	0.2		0.2		3.5		0.5		3		6		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	15-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
hloroaniline	UG/KG	100.	UJ	96	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
hlorophenyl phenyl ether	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
ethylphenol	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
troaniline	UG/KG	250.	UJ	230.	UJ	190.	UJ	190.	UJ	180.	UJ	180.	UJ	180.	UJ
trophenol	UG/KG	250.	U	230.	UJ	190.	UJ	190.	UJ	180.	UJ	180.	UJ	180.	UJ
naphthene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
naphthylene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
hracene	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
zo[a]anthracene	UG/KG	16.	J	8.6	J	77.	U	77.	U	73.	U	75.	U	74.	U
zo[a]pyrene	UG/KG	17.	J	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
zo[b]fluoranthene	UG/KG	22.	J	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
zo[ghi]perylene	UG/KG	100.	UJ	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
zo[k]fluoranthene	UG/KG	20.	J	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
2-Chloroethoxy)methane	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
2-Chloroethyl)ether	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
2-Chloroisopropyl)ether	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
2-Ethylhexyl)phthalate	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
lbenzylphthalate	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
bazole	UG/KG	100.	UJ	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
ysene	UG/KG	22.	J	9.7	J	77.	U	77.	U	73.	U	75.	U	74.	U
-butylphthalate	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
-octylphthalate	UG/KG	100.	UJ	96.	UJ	5.5	J	77.	UJ	73.	UJ	75.	UJ	74.	UJ
nz[a,h]anthracene	UG/KG	100.	UJ	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
nzofuran	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
hyl phthalate	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
ethylphthalate	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
ranthene	UG/KG	36.	J	13.	J	77.	U	77.	U	73.	U	75.	U	74.	U
rene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
achlorobenzene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
achlorobutadiene	UG/KG	100.	UJ	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
achlorocyclopentadiene	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
achloroethane	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
no[1,2,3-cd]pyrene	UG/KG	100.	UJ	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
horone	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
itrosodiphenylamine	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
itrosodipropylamine	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
hthalene	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
benzene	UG/KG	100.	U	96.	UJ	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
tachlorophenol	UG/KG	250.	U	230.	R	190.	R	190.	R	180.	R	180.	R	180.	R
nanthrene	UG/KG	25.	J	8.3	J	77.	U	77.	U	73.	U	75.	U	74.	U
nol	UG/KG	100.	U	96.	U	77.	U	77.	U	73.	U	75.	U	74.	U
ene	UG/KG	34.	J	12.	J	77.	UJ	77.	UJ	73.	UJ	75.	UJ	74.	UJ
STICIDES/PCBs															
-DDD	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
-DDE	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
-DDT	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
in	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
a-BHC	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
a-Chlordane	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
clor-1016	UG/KG	51.	U	48.	U	38.	U	38.	U	36.	U	37.	U	37.	U
clor-1221	UG/KG	100.	U	97.	U	78.	U	78.	U	74.	U	75.	U	75.	U
clor-1232	UG/KG	51.	U	48.	U	38.	U	38.	U	36.	U	37.	U	37.	U
clor-1242	UG/KG	51.	U	48.	U	38.	U	38.	U	36.	U	37.	U	37.	U
clor-1248	UG/KG	51.	U	48.	U	38.	U	38.	U	36.	U	37.	U	37.	U
clor-1254	UG/KG	51.	U	48.	U	38.	U	38.	U	36.	U	37.	U	37.	U
clor-1260	UG/KG	51.	U	48.	U	38.	U	38.	U	36.	U	37.	U	37.	U
-BHC	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U

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PHASE 2 - VALIDATED DATA
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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129		71129	
	LOC ID:	MW12-29		MW12-30		MW12-30		TP12-1A		TP12-1B		TP12-1C		TP12-2A	
	SAMP_ID:	123133		123136		123138		123142		123143		123144		123145	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		2		0.5		3		6		3	
	SAMP. DEPTH BOT:	0.2		0.2		3.5		0.5		3		6		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	15-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ta-BHC	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
ldrin	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
dosulfan I	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
dosulfan II	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
dosulfan sulfate	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
drin	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
drin aldehyde	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
drin ketone	UG/KG	5.1	U	4.8	U	3.8	U	3.8	U	3.6	U	3.7	U	3.7	U
mma-BHC/Lindane	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
mma-Chlordane	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
ptachlor	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
ptachlor epoxide	UG/KG	2.6	U	2.5	U	2.	U	2.	U	1.9	U	1.9	U	1.9	U
thoxychlor	UG/KG	26.	U	25.	U	20.	U	20.	U	19.	U	19.	U	19.	U
xaphene	UG/KG	260.	U	250.	U	200.	U	200.	U	190.	U	190.	U	190.	U
TALS															
minum	MG/KG	14,900.	J	12,300.	J	12,700.	J	8,910.	J	6,100.	J	6,650.	J	9,100.	J
timony	MG/KG	1.9	R	1.9	R	1.1	R	1.2	R	1.2	R	84.	R	1.2	R
enic	MG/KG	5.		4.6		4.7		3.7		3.4		3.2		3.4	
rium	MG/KG	106.	J	106.	J	104.	J	65.	J	79.2	J	58.2	J	70.7	J
yllium	MG/KG	.7	J	.74	J	.47	J	.33	J	.24	J	.29	J	.37	J
dmium	MG/KG	17.7		.06	U	.05	U	.06	U	.06	U	3.		.06	U
lcium	MG/KG	13,500.		5,850.		2,710.		43,000.		102,000.		88,400.		59,900.	
romium	MG/KG	22.6		17.7		19.		13.		9.5		10.9		13.8	
balt	MG/KG	10.6	J	8.4	J	12.2		9.4	J	7.5	J	8.6		7.8	J
pper	MG/KG	21.1		23.1		28.3		20.2		21.4		31.5		18.1	
anide	MG/KG	.87	U	.76	U	.59	U	.59	U	.57	U	.57	U	.56	U
n	MG/KG	28,600.	J	23,500.	J	21,900.	J	19,600.	J	15,800.	J	17,300.	J	18,000.	J
ad	MG/KG	25.	J	22.4	J	11.8	J	11.	J	6.9	J	12.8	J	9.	J
gnesium	MG/KG	10,300.	J	3,430.	J	4,940.	J	8,410.	J	14,400.	J	11,700.	J	11,900.	J
nganese	MG/KG	733.		772.		589.		569.		358.		427.		402.	
rcury	MG/KG	.08	J	.09	J	.06	J	.06	U	.06	U	.05	U	.06	U
kel	MG/KG	30.6	J	25.1	J	36.	J	24.9	J	21.1	J	34.1	J	23.3	J
assium	MG/KG	1,790.		1,380.		1,090.		897.	J	945.	J	801.		1,010.	J
enium	MG/KG	1.4	J	1.1	J	.84	UJ	.88	UJ	.94	UJ	.63	UJ	.93	UJ
ver	MG/KG	.36	U	.26	U	.22	U	.23	U	.25	U	.17	U	.24	U
dium	MG/KG	76.5	U	54.2	U	46.	U	48.4	U	70.1	J	70.2	J	69.9	J
allium	MG/KG	1.6	U	1.1	U	1.1	J	1.	U	1.1	U	.94	J	1.1	U
nadium	MG/KG	24.6		20.4		20.2		14.7		11.3		11.8		14.7	
c	MG/KG	93.3	J	73.9	J	68.1	J	50.9	J	42.4	J	54.5	J	51.9	J

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PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129	
	LOC ID:	TP12-2B		TP12-2C		MW12-30		MW12-17		MW12-17		MW12-17	
	SAMP_ID:	123146		123147		123148		123152		123153		123154	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	3.5		6		0		0		6		10	
	SAMP. DEPTH BOT:	3.5		6		0.2		0.2		8		12	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES													
,1-Trichloroethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
,2,2-Tetrachloroethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
,2-Trichloroethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
-Dichloroethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
-Dichloroethene	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
-Dichloroethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
-Dichloroethene (total)	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
-Dichloropropane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
etone	UG/KG	28.	UJ	30.	UJ	13.	UJ	12.	UJ	11.	UJ	19.	J
nzene	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
omodichloromethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
omoform	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
rbon disulfide	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
rbon tetrachloride	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
lorobenzene	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
lorodibromomethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
loroethane	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
loroform	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
s-1,3-Dichloropropene	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
hyl benzene	UG/KG	49.		24.	J	13.	U	12.	U	11.	U	11.	UJ
ethyl bromide	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
ethyl butyl ketone	UG/KG	28.	UJ	30.	UJ	13.	UJ	12.	UJ	11.	UJ	11.	UJ
ethyl chloride	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
ethyl ethyl ketone	UG/KG	28.	UJ	30.	UJ	13.	UJ	12.	UJ	11.	UJ	11.	UJ
ethyl isobutyl ketone	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
ethylene chloride	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
yrene	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
trachloroethene	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
luene	UG/KG	15.	J	6.	J	2.	J	12.	U	15.		11.	U
tal Xylenes	UG/KG	520.		260.		13.	U	12.	U	11.	U	11.	UJ
ans-1,3-Dichloropropene	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	UJ
chloroethene	UG/KG	11.	J	30.	U	13.	U	12.	U	11.	U	11.	UJ
hyl chloride	UG/KG	28.	U	30.	U	13.	U	12.	U	11.	U	11.	U
EMI-VOLATILES													
,4-Trichlorobenzene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
-Dichlorobenzene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
-Dichlorobenzene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
-Dichlorobenzene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
,5-Trichlorophenol	UG/KG	180.	U	190.	U	230.	U	200.	U	180.	U	170.	U
,6-Trichlorophenol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
-Dichlorophenol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
-Dimethylphenol	UG/KG	75.	UJ	79.	UJ	94.	UJ	84.	UJ	72.	UJ	72.	UJ
-Dinitrophenol	UG/KG	180.	UJ	190.	UJ	230.	UJ	200.	UJ	180.	UJ	170.	UJ
-Dinitrotoluene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
-Dinitrotoluene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
Chloronaphthalene	UG/KG	75.	UJ	79.	UJ	94.	UJ	84.	UJ	72.	UJ	72.	UJ
Chlorophenol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
Methylnaphthalene	UG/KG	56.	J	10.	J	94.	UJ	84.	UJ	72.	UJ	72.	UJ
Methylphenol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
Nitroaniline	UG/KG	180.	U	190.	UJ	230.	U	200.	U	180.	UJ	170.	U
Nitrophenol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
'-Dichlorobenzidine	UG/KG	75.	UJ	79.	U	94.	UJ	84.	UJ	72.	U	72.	U
Nitroaniline	UG/KG	180.	UJ	190.	U	230.	U	200.	UJ	180.	U	170.	UJ
-Dinitro-2-methylphenol	UG/KG	180.	U	190.	U	230.	U	200.	U	180.	U	170.	U
Bromophenyl phenyl ether	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
Chloro-3-methylphenol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71129		71129		71129		71129		71129		71129	
	LOC ID:	TP12-2B		TP12-2C		MW12-30		MW12-17		MW12-17		MW12-17	
	SAMP_ID:	123146		123147		123148		123152		123153		123154	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA	
	SAMP. DEPTH TOP:	3.5		6		0		0		6		10	
	SAMP. DEPTH BOT:	3.5		6		0.2		0.2		8		12	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98		16-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/KG	75.	U	79.	U	94.	UJ	84.	UJ	72.	U	72.	U
Chlorophenyl phenyl ether	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
Methylphenol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
Nitroaniline	UG/KG	180.	UJ	190.	UJ	230.	UJ	200.	UJ	180.	UJ	170.	UJ
Nitrophenol	UG/KG	180.	U	190.	U	230.	UJ	200.	U	180.	U	170.	U
enaphthene	UG/KG	75.	U	23.	J	94.	U	84.	U	72.	U	72.	U
enaphthylene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
hracene	UG/KG	75.	UJ	40.	J	94.	UJ	84.	UJ	72.	UJ	72.	UJ
nzo[a]anthracene	UG/KG	75.	UJ	74.	J	11.	J	84.	U	72.	U	72.	U
nzo[a]pyrene	UG/KG	75.	UJ	41.	J	12.	J	84.	UJ	72.	UJ	72.	UJ
nzo[b]fluoranthene	UG/KG	75.	UJ	23.	J	18.	J	84.	U	72.	U	72.	U
nzo[ghi]perylene	UG/KG	75.	UJ	79.	U	10.	J	84.	U	72.	U	72.	U
nzo[k]fluoranthene	UG/KG	75.	UJ	79.	U	94.	U	84.	U	72.	U	72.	U
(2-Chloroethoxy)methane	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
(2-Chloroethyl)ether	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
(2-Chloroisopropyl)ether	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
(2-Ethylhexyl)phthalate	UG/KG	930.	J	79.	U	94.	U	84.	U	130.	U	110.	U
ylbenzylphthalate	UG/KG	75.	J	79.	U	94.	U	84.	U	72.	U	72.	U
rbazole	UG/KG	75.	U	79.	U	94.	U	84.	UJ	72.	U	72.	U
rysene	UG/KG	75.	UJ	98.		17.	J	84.	U	72.	U	72.	U
n-butylphthalate	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
n-octylphthalate	UG/KG	75.	UJ	79.	U	94.	U	15.	J	11.	J	34.	J
enz[a,h]anthracene	UG/KG	75.	UJ	79.	U	94.	U	84.	U	72.	U	72.	U
enzofuran	UG/KG	75.	UJ	79.	UJ	94.	UJ	84.	UJ	72.	UJ	72.	UJ
thyl phthalate	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
ethylphthalate	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
oranthene	UG/KG	75.	U	69.	J	23.	J	11.	J	72.	U	72.	U
orene	UG/KG	75.	U	10.	J	94.	U	84.	U	72.	U	72.	U
xachlorobenzene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
xachlorobutadiene	UG/KG	75.	UJ	79.	UJ	94.	UJ	84.	UJ	72.	UJ	72.	UJ
xachlorocyclopentadiene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
xachloroethane	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
eno[1,2,3-cd]pyrene	UG/KG	75.	UJ	79.	U	8.2	J	84.	U	72.	U	72.	U
phorone	UG/KG	75.	UJ	79.	UJ	94.	UJ	84.	UJ	72.	UJ	72.	UJ
Nitrosodiphenylamine	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
Nitrosodipropylamine	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
phthalene	UG/KG	600.	J	72.	J	94.	UJ	84.	UJ	72.	UJ	72.	UJ
robenzene	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
ntachlorophenol	UG/KG	180.	R	190.	R	230.	R	200.	R	180.	R	170.	R
enanthrene	UG/KG	75.	U	130.		18.	J	84.	U	72.	U	72.	U
enol	UG/KG	75.	U	79.	U	94.	U	84.	U	72.	U	72.	U
rene	UG/KG	75.	UJ	260.		20.	J	8.9	J	72.	U	72.	U
STICIDES/PCBs													
'-DDD	UG/KG	3.8	U	4.	U	4.7	U	4.2	U	3.6	U	3.6	U
'-DDE	UG/KG	3.8	U	4.	U	4.7	U	4.2	U	3.6	U	3.6	U
'-DDT	UG/KG	3.8	U	4.	U	4.7	U	4.2	U	3.6	U	3.6	U
rin	UG/KG	1.9	U	2.	U	2.4	U	2.2	U	1.9	U	1.8	U
ha-BHC	UG/KG	2.8		24.		2.4	U	2.2	U	1.9	U	1.8	U
ha-Chlordane	UG/KG	1.9	U	2.	U	2.4	U	2.2	U	1.9	U	1.8	U
clor-1016	UG/KG	38.	U	40.	U	47.	U	42.	U	36.	U	36.	U
clor-1221	UG/KG	76.	U	81.	U	96.	U	85.	U	73.	U	73.	U
clor-1232	UG/KG	38.	U	40.	U	47.	U	42.	U	36.	U	36.	U
clor-1242	UG/KG	38.	U	40.	U	47.	U	42.	U	36.	U	36.	U
clor-1248	UG/KG	38.	U	40.	U	47.	U	42.	U	36.	U	36.	U
clor-1254	UG/KG	38.	U	40.	U	47.	U	42.	U	36.	U	36.	U
clor-1260	UG/KG	38.	U	40.	U	47.	U	42.	U	36.	U	36.	U
a-BHC	UG/KG	1.9	U	2.2	J	2.4	U	2.2	U	1.9	U	1.8	U

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PHASE 2 - VALIDATED DATA
SDG 71129

	STUDY ID	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1
	SDG	71129	71129	71129	71129	71129	71129
	LOC ID	TP12-2B	TP12-2C	MW12-30	MW12-17	MW12-17	MW12-17
	SAMP_ID	123146	123147	123148	123152	123153	123154
	FIELD QC CODE	SA	SA	DU	SA	SA	SA
	SAMP. DEPTH TOP	3.5	6	0	0	6	10
	SAMP. DEPTH BOT	3.5	6	0.2	0.2	8	12
	MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMP. DATE	16-Oct-98	16-Oct-98	16-Oct-98	16-Oct-98	16-Oct-98	16-Oct-98
RAMETER	UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
lta-BHC	UG/KG	1.9 U	2 U	2.4 U	2.2 U	1.9 U	1.8 U
eldrin	UG/KG	3.8 U	4 U	4.7 U	4.2 U	3.6 U	3.6 U
dosulfan I	UG/KG	1.9 U	2 U	2.4 U	2.2 U	1.9 U	1.8 U
dosulfan II	UG/KG	3.8 U	4 U	4.7 U	4.2 U	3.6 U	3.6 U
dosulfan sulfate	UG/KG	3.8 U	4 U	4.7 U	4.2 U	3.6 U	3.6 U
drin	UG/KG	3.8 U	4 U	4.7 U	4.2 U	3.6 U	3.6 U
drin aldehyde	UG/KG	3.8 U	4 U	4.7 U	4.2 U	3.6 U	3.6 U
drin ketone	UG/KG	3.8 U	4 U	4.7 U	4.2 U	3.6 U	3.6 U
mma-BHC/Lindane	UG/KG	1.9 U	2 U	2.4 U	2.2 U	1.9 U	1.8 U
mma-Chlordane	UG/KG	1.9 U	2 U	2.4 U	2.2 U	1.9 U	1.8 U
ptachlor	UG/KG	2.6	13.	2.4 U	2.2 U	1.9 U	1.8 U
ptachlor epoxide	UG/KG	1.9 U	1.7 J	2.4 U	2.2 U	1.9 U	1.8 U
thoxychlor	UG/KG	19 U	20 U	24. U	22. U	19 U	18 U
xaphene	UG/KG	190 U	200 U	240 U	220 U	190 U	180 U
ETALS							
minum	MG/KG	7,410. J	6,500 J	13,500 J	11,600 J	7,390 J	6,630 J
timony	MG/KG	1.1 R	1.3 R	1.6 R	1.4 R	1.2 R	1.1 R
senic	MG/KG	3.	2.9	4.1	4.3	4.6	3.3
rium	MG/KG	65.3 J	55.3 J	113 J	86.5 J	87.3 J	89.6 J
ryllium	MG/KG	.3 J	.26 J	.76 J	.56 J	.3 J	.26 J
dmium	MG/KG	1.3	1.2	.08 U	.07 U	.06 U	.05 U
lcium	MG/KG	106,000.	142,000.	6,010	4,870.	69,200.	95,600.
romium	MG/KG	15.7	12.5	18.6	15.4	10.8	11.2
balt	MG/KG	8.4 J	8. J	8.8 J	8.6 J	10.3	8. J
pper	MG/KG	22.6	16.9	22.1	16.9	18.3	17.5
anide	MG/KG	.57 U	.65 U	.7 U	.65 U	.56 U	.53 U
n	MG/KG	26,700 J	18,300. J	22,300. J	21,500 J	15,000. J	16,000 J
ad	MG/KG	8.9 J	8.7 J	22.6 J	15.7 J	7.7 J	8 J
gnesium	MG/KG	12,400. J	11,300 J	3,580. J	3,640. J	14,600 J	16,800 J
nganese	MG/KG	411.	394.	650.	445.	410.	407.
rcury	MG/KG	.05 U	.06 U	.1 J	.06 U	.05 U	.05 U
ckel	MG/KG	24.7 J	22.2 J	26.3 J	20.8 J	20.6 J	22.4 J
tassium	MG/KG	951.	887. J	1,620.	1,010. J	1,280.	1,240.
lenium	MG/KG	.81 UJ	.98 UJ	1.2 J	1.1 UJ	.92 UJ	.9 J
ver	MG/KG	.21 U	.25 U	.32 U	.28 U	.24 U	.22 U
dium	MG/KG	107. J	108. J	66.3 U	59.7 U	50.6 U	54.9 J
allium	MG/KG	.91 U	1.1 U	1.4 U	1.2 U	1. U	.94 U
nadium	MG/KG	12.4	11.2	22.	19.9	13.5	11.8
nc	MG/KG	56.6 J	58.6 J	79.1 J	47. J	44. J	35.7 J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	TP12-20A		TP12-23A		TP12-23B		TP12-23C		MW12-16		MW12-16		MW12-16	
	SAMP_ID:	123019		123139		123140		123141		123149		123150		123151	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		1		2		3		0		4		6	
	SAMP. DEPTH BOT:	0.5		1		2		3		0.2		6		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES															
1-Trichloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
2,2-Tetrachloroethane	UG/KG	12.	UJ	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
2-Trichloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-Dichloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-Dichloroethene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-Dichloroethene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-Dichloroethene (total)	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-Dichloropropane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
tone	UG/KG	12.	U	11.	U	18.		12.	U	12.	U	11.	U	11.	U
nzene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
modichloromethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
moform	UG/KG	12.	UJ	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
bon disulfide	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
bon tetrachloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
orobenzene	UG/KG	12.	UJ	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
orodibromomethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
oroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
oroform	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
-1,2-Dichloroethene	UG/KG	1.	U												
-1,3-Dichloropropene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
yl benzene	UG/KG	12.	UJ	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
thyl Tertbutyl Ether	UG/KG	1.	U												
thyl bromide	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
thyl butyl ketone	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
thyl chloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
thyl ethyl ketone	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
thyl isobutyl ketone	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
thylene chloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
rene	UG/KG	12.	UJ	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
rachloroethene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
uene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
al Xylenes	UG/KG	12.	UJ	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
ns-1,3-Dichloropropene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
chloroethene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
yl chloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	11.	U
MI-VOLATILES															
,4-Trichlorobenzene	UG/KG	77.	UJ	77.	UJ	76.	U	770.	R	89.	UJ	72.	U	69.	U
-Dichlorobenzene	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
-Dichlorobenzene	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
-Dichlorobenzene	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
,5-Trichlorophenol	UG/KG	190.	U	190.	U	180.	U	1,900.	R	220.	U	170.	U	170.	U
,6-Trichlorophenol	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
-Dichlorophenol	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
-Dimethylphenol	UG/KG	77.	UJ	77.	UJ	76.	UJ	770.	R	89.	UJ	72.	UJ	69.	U
-Dinitrophenol	UG/KG	190.	U	190.	UJ	180.	UJ	1,900.	R	220.	UJ	170.	UJ	170.	U
-Dinitrotoluene	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
-Dinitrotoluene	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Chloronaphthalene	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Chlorophenol	UG/KG	5.3	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Methylnaphthalene	UG/KG	77.	UJ	77.	U	4.4	J	770.	R	89.	U	72.	U	69.	U
Methylphenol	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
itroaniline	UG/KG	190.	U	190.	U	180.	UJ	1,900.	R	220.	U	170.	U	170.	U
itrophenol	UG/KG	77.	U	77.	U	76.	UJ	770.	R	89.	U	72.	U	69.	U
-Dichlorobenzidine	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
itroaniline	UG/KG	190.	UJ	190.	U	180.	U	1,900.	R	220.	U	170.	U	170.	U
-Dinitro-2-methylphenol	UG/KG	190.	U	190.	U	180.	U	1,900.	R	220.	U	170.	U	170.	U

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PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	TP12-20A		TP12-23A		TP12-23B		TP12-23C		MW12-16		MW12-16		MW12-16	
	SAMP_ID:	123019		123139		123140		123141		123149		123150		123151	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		1		2		3		0		4		6	
	SAMP. DEPTH BOT:	0.5		1		2		3		0.2		6		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Bromophenyl phenyl ether	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Chloro-3-methylphenol	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Chloroaniline	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Chlorophenyl phenyl ether	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Methylphenol	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Nitroaniline	UG/KG	190.	U	190.	U	180.	U	1,900.	R	220.	U	170.	UJ	170.	U
Nitrophenol	UG/KG	190.	U	190.	UJ	160.	U	1,900.	R	220.	UJ	170.	UJ	170.	U
enaphthene	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
enaphthylene	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
thracene	UG/KG	77.	UJ	77.	U	5.4	J	770.	R	89.	U	72.	U	69.	U
nzo[a]anthracene	UG/KG	5.9	J	7.2	J	16.	J	770.	R	89.	U	5.8	J	69.	U
nzo[a]pyrene	UG/KG	9.6	J	6.3	J	13.	J	39.	J	89.	U	5.4	J	69.	U
nzo[b]fluoranthene	UG/KG	15.	J	13.	J	14.	J	770.	R	89.	U	6.	J	69.	U
nzo[ghi]perylene	UG/KG	16.	J	77.	U	11.	J	39.	J	89.	U	5.2	J	69.	U
nzo[k]fluoranthene	UG/KG	14.	J	77.	U	12.	J	770.	U	89.	U	6.	J	69.	U
s(2-Chloroethoxy)methane	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
s(2-Chloroethyl)ether	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
s(2-Chloroisopropyl)ether	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
s(2-Ethylhexyl)phthalate	UG/KG	77.	U	77.	U	5.	J	770.	UJ	36.	J	29.	J	31.	J
tylbenzylphthalate	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	7.2	J
rbazole	UG/KG	77.	UJ	77.	UJ	7.4	J	770.	R	89.	UJ	72.	U	69.	U
rysene	UG/KG	14.	J	12.	J	17.	J	770.	R	9.2	J	8.3	J	69.	U
-n-butylphthalate	UG/KG	77.	UJ	280.	UJ	440.	UJ	770.	R	610.	UJ	500.	UJ	610.	U
-n-octylphthalate	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	4.	J	69.	U
benz[a,h]anthracene	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
benzofuran	UG/KG	77.	UJ	77.	U	4.1	J	770.	R	89.	U	72.	U	69.	U
ethyl phthalate	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
methylphthalate	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
uoranthene	UG/KG	15.	J	77.	U	36.	J	88.	J	89.	U	13.	J	69.	U
uorene	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
exachlorobenzene	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
exachlorobutadiene	UG/KG	77.	UJ	77.	UJ	76.	U	770.	R	89.	UJ	72.	U	69.	U
exachlorocyclopentadiene	UG/KG	77.	U	77.	UJ	76.	U	770.	R	89.	UJ	72.	U	69.	U
exachloroethane	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
deno[1,2,3-cd]pyrene	UG/KG	10.	J	77.	U	8.7	J	770.	R	89.	U	4.2	J	69.	U
ophorone	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Nitrosodiphenylamine	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
Nitrosodipropylamine	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
aphthalene	UG/KG	77.	UJ	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
trobenzene	UG/KG	77.	UJ	77.	UJ	76.	U	770.	R	89.	UJ	72.	U	69.	U
ntachlorophenol	UG/KG	190.	R	190.	UJ	180.	U	1,900.	R	220.	UJ	170.	U	170.	U
henanthrene	UG/KG	8.9	J	77.	U	30.	J	770.	R	12.	J	9.2	J	69.	U
enol	UG/KG	77.	U	77.	U	76.	U	770.	R	89.	U	72.	U	69.	U
rene	UG/KG	18.	J	77.	U	32.	J	52.	J	89.	U	12.	J	69.	U
ESTICIDES/PCBs															
4'-DDD	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
4'-DDE	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
4'-DDT	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
drin	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
pha-BHC	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
pha-Chlordane	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
oclor-1016	UG/KG	38.	U	38.	U	38.	U	38.	U	44.	U	35.	U	35.	U
oclor-1221	UG/KG	78.	U	78.	U	77.	U	78.	U	90.	U	72.	U	70.	U
oclor-1232	UG/KG	38.	U	38.	U	38.	U	38.	U	44.	U	35.	U	35.	U
oclor-1242	UG/KG	38.	U	38.	U	38.	U	38.	U	44.	U	35.	U	35.	U
oclor-1248	UG/KG	38.	U	38.	U	38.	U	38.	U	44.	U	35.	U	35.	U
oclor-1254	UG/KG	38.	U	38.	U	38.	U	38.	U	44.	U	35.	U	35.	U

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PHASE 2 - VALIDATED DATA
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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	TP12-20A		TP12-23A		TP12-23B		TP12-23C		MW12-16		MW12-16		MW12-16	
	SAMP_ID:	123019		123139		123140		123141		123149		123150		123151	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0.5		1		2		3		0		4		6	
	SAMP. DEPTH BOT:	0.5		1		2		3		0.2		6		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	30-Sep-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
clor-1260	UG/KG	38.	U	38.	U	38.	U	38.	U	44.	U	35.	U	35.	U
a-BHC	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
ta-BHC	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
ldrin	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
dosulfan I	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
dosulfan II	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
dosulfan sulfate	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
drin	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
drin aldehyde	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
drin ketone	UG/KG	3.8	U	3.8	U	3.8	U	3.8	U	4.4	U	3.5	U	3.5	U
mma-BHC/Lindane	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
mma-Chlordane	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
otachlor	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
otachlor epoxide	UG/KG	2.	U	2.	U	2.	U	2.	U	2.3	U	1.8	U	1.8	U
thoxychlor	UG/KG	20.	U	20.	U	20.	U	20.	U	23.	U	18.	U	18.	U
xaphene	UG/KG	200.	U	200.	U	200.	U	200.	U	230.	U	180.	U	180.	U
TALS															
minum	MG/KG	12,000.		12,500.		11,000.		11,000.		13,600.		9,510.		7,620.	
imony	MG/KG	1.3	R	1.3	R	1.	R	1.3	R	1.2	R	1.1	R	1.	R
enic	MG/KG	3.		4.5		6.7		3.9		3.9		3.8		3.3	
ium	MG/KG	113.		88.2		77.3		73.		95.4		65.2		66.9	
yllium	MG/KG	.52	J	.43	J	.33	J	.43	J	.5	J	.34	J	.31	J
dmium	MG/KG	.06	U	.06	U	.05	U	.06	U	.06	U	.06	U	.05	U
cium	MG/KG	4,190.		34,700.		90,700.		32,100.		8,330.		83,800.		80,000.	
romium	MG/KG	15.8		17.5		16.4		29.7		17.3		14.7		13.1	
balt	MG/KG	8.5	J	10.6		7.9	J	11.5		9.1	J	11.5		7.3	J
pper	MG/KG	15.1		20.9		16.2		74.5		22.8		21.2		18.3	
anide	MG/KG	.64	U	.61	U	.59	U	2.2		.7	U	.56	U	.53	U
n	MG/KG	19,900.	J	23,800.		18,000.		51,000.		20,500.		18,800.		17,200.	
ad	MG/KG	21.2		14.8		9.3		90.9	J	20.5		8.4		7.8	J
gnesium	MG/KG	2,890.		8,710.		25,100.		9,450.		4,290.		12,000.		10,700.	
nganese	MG/KG	605.		629.		497.		331.		551.		473.		363.	
rcury	MG/KG	.06	U	.06	U	.05	U	.15	J	.07	U	.05	U	.07	J
kel	MG/KG	18.2	J	25.2		20.7		36.9		23.3		28.8		23.8	
assium	MG/KG	1,090.		1,560.		1,330.		1,940.		1,770.		1,520.		1,170.	
enium	MG/KG	.99	U	.95	UJ	.78	UJ	.99	UJ	.91	UJ	.85	UJ	.77	U
ver	MG/KG	.26	U	.25	U	.2	U	.27	J	.24	U	.22	U	.2	U
dium	MG/KG	54.9	J	52.1	U	42.5	U	1,420.		49.6	U	111.	J	97.2	J
allium	MG/KG	1.1	U	1.1	U	1.1	J	1.1	U	1.3	J	1.1	J	.87	U
nadium	MG/KG	19.7		21.3		17.7		17.6		22.8		16.5		12.7	
c	MG/KG	58.3		63.		69.6		6,080.		72.5		52.4		41.	

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PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	MW12-9		MW12-9		MW12-9		TP12-6A		TP12-6B		TP12-6C		MW12-24	
	SAMP_ID:	123155		123156		123157		123158		123159		123160		123161	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		6		10		2.5		3		3.5		0	
	SAMP. DEPTH BOT:	0.2		8		12		2.5		3		3.5		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		19-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES															
,1-Trichloroethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
,2,2-Tetrachloroethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
,2-Trichloroethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
-Dichloroethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
-Dichloroethene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
-Dichloroethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
-Dichloroethene (total)	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
-Dichloropropane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
etone	UG/KG	12.	U	11.	U	12.		13.	U	16.	UJ	13.	UJ	11.	U
nzene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
omodichloromethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
omoform	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
rbon disulfide	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
rbon tetrachloride	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
lorobenzene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
lorodibromomethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
loroethane	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	UJ	13.	UJ	11.	U
loroform	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
s-1,2-Dichloroethene	UG/KG														
s-1,3-Dichloropropene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
hyl benzene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
ethyl Tertbutyl Ether	UG/KG														
ethyl bromide	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
ethyl butyl ketone	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	UJ	13.	UJ	11.	U
ethyl chloride	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
ethyl ethyl ketone	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	UJ	13.	UJ	11.	U
ethyl isobutyl ketone	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
ethylene chloride	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
yrene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
trachloroethene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
luene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
tal Xylenes	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
ans-1,3-Dichloropropene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
chloroethene	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
yl chloride	UG/KG	12.	U	11.	U	11.	U	13.	U	16.	U	13.	U	11.	U
EMI-VOLATILES															
,4-Trichlorobenzene	UG/KG	82.	U	72.	U	74.	UJ	85.	U	84.	U	78.	U	76.	U
-Dichlorobenzene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
-Dichlorobenzene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
-Dichlorobenzene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
,5-Trichlorophenol	UG/KG	200.	U	170.	U	180.	U	200.	U	200.	U	190.	U	180.	U
,6-Trichlorophenol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
-Dichlorophenol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
-Dimethylphenol	UG/KG	82.	UJ	72.	UJ	74.	UJ	85.	UJ	84.	UJ	78.	UJ	76.	U
-Dinitrophenol	UG/KG	200.	UJ	170.	UJ	180.	UJ	200.	UJ	200.	UJ	190.	UJ	180.	U
-Dinitrotoluene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
-Dinitrotoluene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Chloronaphthalene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Chlorophenol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Methylnaphthalene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Methylphenol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Nitroaniline	UG/KG	200.	U	170.	U	180.	U	200.	U	200.	U	190.	U	180.	U
Nitrophenol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
'-Dichlorobenzidine	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Nitroaniline	UG/KG	200.	U	170.	U	180.	U	200.	U	200.	U	190.	U	180.	U
-Dinitro-2-methylphenol	UG/KG	200.	U	170.	U	180.	U	200.	U	200.	U	190.	U	180.	U

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PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	MW12-9		MW12-9		MW12-9		TP12-6A		TP12-6B		TP12-6C		MW12-24	
	SAMP_ID:	123155		123156		123157		123158		123159		123160		123161	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		6		10		2.5		3		3.5		0	
	SAMP. DEPTH BOT:	0.2		8		12		2.5		3		3.5		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		19-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
romophenyl phenyl ether	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Chloro-3-methylphenol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Chloroaniline	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Chlorophenyl phenyl ether	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Methylphenol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
litroaniline	UG/KG	200.	UJ	170.	UJ	180.	U	200.	UJ	200.	UJ	190.	UJ	180.	U
litrophenol	UG/KG	200.	UJ	170.	UJ	180.	UJ	200.	UJ	200.	UJ	190.	UJ	180.	U
enaphthene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
enaphthylene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
thracene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
nzo[a]anthracene	UG/KG	82.	U	72.	U	74.	U	85.	U	15.	J	7.4	J	76.	U
nzo[a]pyrene	UG/KG	82.	U	72.	U	74.	U	85.	U	15.	J	7.8	J	76.	U
nzo[b]fluoranthene	UG/KG	82.	U	72.	U	74.	U	5.1	J	16.	J	11.	J	76.	U
nzo[ghi]perylene	UG/KG	82.	U	72.	U	74.	U	4.9	J	13.	J	9.7	J	76.	U
nzo[k]fluoranthene	UG/KG	82.	U	72.	U	74.	U	85.	U	16.	J	8.6	J	76.	U
(2-Chloroethoxy)methane	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
(2-Chloroethyl)ether	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
(2-Chloroisopropyl)ether	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
(2-Ethylhexyl)phthalate	UG/KG	11.	J	10.	J	22.	J	12.	J	13.	J	16.	J	36.	J
ylbenzylphthalate	UG/KG	5.9	J	5.4	J	74.	U	15.	J	27.	J	30.	J	76.	U
rbazole	UG/KG	82.	U	72.	U	74.	UJ	85.	U	84.	U	78.	U	76.	U
rysene	UG/KG	82.	U	72.	U	74.	U	5.2	J	19.	J	11.	J	76.	U
n-butylphthalate	UG/KG	570.	UJ	400.	UJ	1,100.	UJ	640.	UJ	850.	UJ	680.	U	480.	U
n-octylphthalate	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
enz[a,h]anthracene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
enzofuran	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
thyl phthalate	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
nethylphthalate	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
oranthene	UG/KG	5.6	J	72.	U	74.	U	7.7	J	31.	J	17.	J	76.	U
orene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
xachlorobenzene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
xachlorobutadiene	UG/KG	82.	U	72.	U	74.	UJ	85.	U	84.	U	78.	U	76.	U
xachlorocyclopentadiene	UG/KG	82.	U	72.	U	74.	UJ	85.	U	84.	U	78.	U	76.	U
xachloroethane	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
eno[1,2,3-cd]pyrene	UG/KG	82.	U	72.	U	74.	U	85.	U	9.4	J	7.6	J	76.	U
phorone	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Nitrosodiphenylamine	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
Nitrosodipropylamine	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
phthalene	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
robenzene	UG/KG	82.	U	72.	U	74.	UJ	85.	U	84.	U	78.	U	76.	U
ntachlorophenol	UG/KG	200.	U	170.	U	180.	UJ	200.	U	200.	U	190.	U	180.	U
enanthrene	UG/KG	82.	U	72.	U	74.	U	5.	J	13.	J	8.3	J	76.	U
enol	UG/KG	82.	U	72.	U	74.	U	85.	U	84.	U	78.	U	76.	U
rene	UG/KG	5.2	J	72.	U	74.	U	8.2	J	30.	J	16.	J	76.	U
STICIDES/PCBs															
'-DDD	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
'-DDE	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
'-DDT	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	3.4	J	3.9	U	3.8	U
rin	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
ha-BHC	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
ha-Chlordane	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
oclor-1016	UG/KG	41.	U	36.	U	37.	U	42.	U	42.	U	39.	U	38.	U
oclor-1221	UG/KG	84.	U	73.	U	75.	U	86.	U	85.	U	80.	U	77.	U
oclor-1232	UG/KG	41.	U	36.	U	37.	U	42.	U	42.	U	39.	U	38.	U
oclor-1242	UG/KG	41.	U	36.	U	37.	U	42.	U	42.	U	39.	U	38.	U
oclor-1248	UG/KG	41.	U	36.	U	37.	U	42.	U	42.	U	39.	U	38.	U
oclor-1254	UG/KG	41.	U	36.	U	37.	U	42.	U	42.	U	39.	U	38.	U

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PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	MW12-9		MW12-9		MW12-9		TP12-6A		TP12-6B		TP12-6C		MW12-24	
	SAMP_ID:	123155		123156		123157		123158		123159		123160		123161	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		6		10		2.5		3		3.5		0	
	SAMP. DEPTH BOT:	0.2		8		12		2.5		3		3.5		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		17-Oct-98		19-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
roclor-1260	UG/KG	41.	U	36.	U	37.	U	42.	U	42.	U	39.	U	38.	U
eta-BHC	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
elta-BHC	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
ieldrin	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
ndosulfan I	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
ndosulfan II	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
ndosulfan sulfate	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
ndrin	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
ndrin aldehyde	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
ndrin ketone	UG/KG	4.1	U	3.6	U	3.7	U	4.2	U	4.2	U	3.9	U	3.8	U
amma-BHC/Lindane	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
amma-Chlordane	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
eptachlor	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
eptachlor epoxide	UG/KG	2.1	U	1.8	U	1.9	U	2.2	U	2.2	U	2.	U	2.	U
ethoxychlor	UG/KG	21.	U	18.	U	19.	U	22.	U	22.	U	20.	U	20.	U
oxaphene	UG/KG	210.	U	180.	U	190.	U	220.	U	220.	U	200.	U	200.	U
ETALS															
uminum	MG/KG	11,800.		7,010.		6,810.		11,300.		7,180.		7,690.		12,100.	
ntimony	MG/KG	1.2	R	1.1	R	1.2	R	1.3	R	1.	R	1.4	R	1.3	R
rsenic	MG/KG	4.4		3.8		2.7		4.3		4.1		3.8		4.1	
arium	MG/KG	63.1		80.1		72.7		82.2		63.2		62.2		68.2	
eryllium	MG/KG	.43	J	.27	J	.22	J	.47	J	.31	J	.35	J	.47	J
admium	MG/KG	.06	U	.06	U	.06	U	.07	U	.05	U	.07	U	.06	U
alcium	MG/KG	2,820.		93,000.		91,000.		24,600.		114,000.		138,000.		20,000.	
hromium	MG/KG	15.4		11.9		11.		16.5		11.2		13.1		18.3	
obalt	MG/KG	9.6	J	9.3	J	7.5	J	10.2	J	8.5	J	7.8	J	10.9	
opper	MG/KG	15.9		20.5		23.1		20.3		18.5		19.3		21.2	
yanide	MG/KG	.66	U	.56	U	.55	U	.67	U	.64	U	.62	U	.59	U
on	MG/KG	20,100.		17,000.		14,100.		22,700.		14,600.		17,400.		23,200.	
ead	MG/KG	14.	J	7.5	J	6.3		15.4	J	15.1	J	14.8	J	10.4	J
agnesium	MG/KG	3,280.		16,900.		16,100.		6,520.		9,930.		13,500.		6,560.	
anganese	MG/KG	469.		413.		432.		545.		314.		359.		495.	
ercury	MG/KG	.06	U	.05	U	.05	U	.06	U	.06	U	.09	J	.05	U
ickel	MG/KG	19.3		25.8		50.9		24.1		21.2		22.6		29.8	
otassium	MG/KG	1,030.		1,010.		1,430.		978.	J	920.		977.	J	1,120.	
elenium	MG/KG	.91	UJ	.87	UJ	.87	UJ	1.	UJ	.78	UJ	1.1	UJ	.96	J
lver	MG/KG	.24	U	.23	U	.23	U	.27	U	.2	U	.28	U	.25	U
odium	MG/KG	49.9	U	73.2	UJ	59.3	J	55.7	U	42.9	U	82.5	J	52.5	U
hallium	MG/KG	1.	U	.98	U	1.	J	1.1	U	.89	U	1.2	U	1.1	U
anadium	MG/KG	19.5		12.		13.2		19.7		17.5		14.6		18.3	
nc	MG/KG	48.		49.1		46.8		59.		61.5		94.5		64.1	

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PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	MW12-25		MW12-25		MW12-25		MW12-26		MW12-26		MW12-26		SS12-64	
	SAMP_ID:	123164		123165		123166		123167		123168		123169		123170	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		2		6		0		2		6		0	
	SAMP. DEPTH BOT:	0.2		4		8		0.2		4		8		0.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		20-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES															
,1-Trichloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
,2,2-Tetrachloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
,2-Trichloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
-Dichloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
-Dichloroethene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
-Dichloroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
-Dichloroethene (total)	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
-Dichloropropane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
etone	UG/KG	12.	U	12.		5.	J	12.	U	160.		11.	UJ	17.	U
nzene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
omodichloromethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
moform	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
rbon disulfide	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
rbon tetrachloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
lorobenzene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
lorodibromomethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
loroethane	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	UJ	17.	U
loroform	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
-1,2-Dichloroethene	UG/KG														
-1,3-Dichloropropene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
yl benzene	UG/KG	12.	U	11.	U	11.	U	12.	U	3.	J	11.	U	17.	U
thyl Tertbutyl Ether	UG/KG														
thyl bromide	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
thyl butyl ketone	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	UJ	17.	U
thyl chloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
thyl ethyl ketone	UG/KG	12.	U	11.	U	11.	U	12.	U	34.		11.	UJ	17.	U
thyl isobutyl ketone	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
thylene chloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
rene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
rachloroethene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
uene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
al Xylenes	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
ns-1,3-Dichloropropene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
chloroethene	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
yl chloride	UG/KG	12.	U	11.	U	11.	U	12.	U	12.	U	11.	U	17.	U
MI-VOLATILES															
,4-Trichlorobenzene	UG/KG	80.	U	70.	UJ	70.	UJ	77.	U	75.	U	74.	U	110.	U
-Dichlorobenzene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
-Dichlorobenzene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
-Dichlorobenzene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
,5-Trichlorophenol	UG/KG	190.	U	170.	U	170.	U	190.	U	180.	U	180.	U	270.	U
,6-Trichlorophenol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
-Dichlorophenol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
-Dimethylphenol	UG/KG	80.	UJ	70.	UJ	70.	UJ	77.	UJ	75.	UJ	74.	UJ	110.	U
-Dinitrophenol	UG/KG	190.	UJ	170.	UJ	170.	UJ	190.	UJ	180.	UJ	180.	UJ	270.	U
-Dinitrotoluene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
-Dinitrotoluene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
Chloronaphthalene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
Chlorophenol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
Methylnaphthalene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
Methylphenol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
itroaniline	UG/KG	190.	U	170.	U	170.	U	190.	U	180.	U	180.	U	270.	U
itrophenol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
-Dichlorobenzidine	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
itroaniline	UG/KG	190.	U	170.	U	170.	U	190.	U	180.	U	180.	U	270.	U
-Dinitro-2-methylphenol	UG/KG	190.	U	170.	U	170.	U	190.	U	180.	U	180.	U	270.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	MW12-25		MW12-25		MW12-25		MW12-26		MW12-26		MW12-26		SS12-64	
	SAMP_ID:	123164		123165		123166		123167		123168		123169		123170	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		2		6		0		2		6		0	
	SAMP. DEPTH BOT:	0.2		4		8		0.2		4		8		0.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		20-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
romophenyl phenyl ether	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
hloro-3-methylphenol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
hloroaniline	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
hlorophenyl phenyl ether	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
lethylphenol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
itroaniline	UG/KG	190.	UJ	170.	U	170.	U	190.	UJ	180.	UJ	180.	UJ	270.	U
itrophenol	UG/KG	190.	UJ	170.	UJ	170.	UJ	190.	UJ	180.	UJ	180.	UJ	270.	U
enaphthene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
enaphthylene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
hracene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
nzo[a]anthracene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	14.	J
nzo[a]pyrene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	16.	J
nzo[b]fluoranthene	UG/KG	4.3	J	70.	U	70.	U	77.	U	75.	U	74.	U	21.	J
nzo[ghi]perylene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
nzo[k]fluoranthene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	15.	J
(2-Chloroethoxy)methane	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
(2-Chloroethyl)ether	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
(2-Chloroisopropyl)ether	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
(2-Ethylhexyl)phthalate	UG/KG	43.	J	19.	J	70.	U	46.	J	84.		120.		110.	U
ylbenzylphthalate	UG/KG	55.	J	70.	U	70.	U	67.	J	100.		160.		130.	J
rbazole	UG/KG	80.	U	70.	UJ	70.	UJ	77.	U	75.	U	74.	U	110.	U
rysene	UG/KG	4.4	J	70.	U	70.	U	77.	U	75.	U	74.	U	20.	J
n-butylphthalate	UG/KG	800.	UJ	920.	UJ	960.	UJ	760.	UJ	910.	UJ	860.	UJ	770.	U
n-octylphthalate	UG/KG	80.	U	70.	U	70.	U	4.2	J	4.5	J	6.8	J	110.	J
enz[a,h]anthracene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	J
enzofuran	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
thyl phthalate	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
ethylphthalate	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
oranthene	UG/KG	5.8	J	70.	U	70.	U	77.	U	4.5	J	74.	U	25.	J
orene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
xachlorobenzene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
xachlorobutadiene	UG/KG	80.	U	70.	UJ	70.	UJ	77.	U	75.	U	74.	U	110.	U
xachlorocyclopentadiene	UG/KG	80.	U	70.	UJ	70.	UJ	77.	U	75.	U	74.	U	110.	U
xachloroethane	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
eno[1,2,3-cd]pyrene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
phorone	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
itrosodiphenylamine	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
itrosodipropylamine	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
phthalene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
robenzene	UG/KG	80.	U	70.	UJ	70.	UJ	77.	U	75.	U	74.	U	110.	U
ntachlorophenol	UG/KG	190.	U	170.	UJ	170.	UJ	190.	U	180.	U	180.	U	270.	U
enanthrene	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	17.	J
enol	UG/KG	80.	U	70.	U	70.	U	77.	U	75.	U	74.	U	110.	U
ene	UG/KG	6.3	J	70.	U	70.	U	77.	U	4.6	J	74.	U	30.	J
STICIDES/PCBs															
-DDD	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
-DDE	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
-DDT	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
rin	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
ha-BHC	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
ha-Chlordane	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
clor-1016	UG/KG	40.	U	35.	U	35.	U	38.	U	38.	U	37.	U	55.	U
clor-1221	UG/KG	81.	U	71.	U	71.	U	78.	U	76.	U	75.	U	110.	U
clor-1232	UG/KG	40.	U	35.	U	35.	U	38.	U	38.	U	37.	U	55.	U
clor-1242	UG/KG	40.	U	35.	U	35.	U	38.	U	38.	U	37.	U	55.	U
clor-1248	UG/KG	40.	U	35.	U	35.	U	38.	U	38.	U	37.	U	55.	U
clor-1254	UG/KG	40.	U	35.	U	35.	U	38.	U	38.	U	37.	U	55.	U

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PHASE 2 - VALIDATED DATA
SDG 71139

	STUDY ID.	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71139		71139		71139		71139		71139		71139		71139	
	LOC ID:	MW12-25		MW12-25		MW12-25		MW12-26		MW12-26		MW12-26		SS12-64	
	SAMP_ID:	123164		123165		123166		123167		123168		123169		123170	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		2		6		0		2		6		0	
	SAMP. DEPTH BOT:	0.2		4		8		0.2		4		8		0.5	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		18-Oct-98		20-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oclor-1260	UG/KG	40.	U	35.	U	35.	U	38.	U	38.	U	37.	U	55.	U
ta-BHC	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
lta-BHC	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
eldrin	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
dosulfan I	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
dosulfan II	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
dosulfan sulfate	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
drin	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
drin aldehyde	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
drin ketone	UG/KG	4.	U	3.5	U	3.5	U	3.8	U	3.8	U	3.7	U	5.5	U
mma-BHC/Lindane	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
mma-Chlordane	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
ptachlor	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
ptachlor epoxide	UG/KG	2.	U	1.8	U	1.8	U	2.	U	1.9	U	1.9	U	2.8	U
thoxychlor	UG/KG	20.	U	18.	U	18.	U	20	U	19.	U	19.	U	28.	U
xaphene	UG/KG	200.	U	180.	U	180.	U	200.	U	190	U	190.	U	280.	U
ETALS															
minum	MG/KG	13,300.		12,400.		9,690.		12,500.		12,300.		12,300.		11,600.	
timony	MG/KG	1.2	R	1.	R	1.	R	1.3	R	1.2	R	1.3	R	1.9	R
senic	MG/KG	5.4		4.3		3.5		4.3		3.6		4.9		3.5	
rium	MG/KG	70.5		57.8		53.4		84.		74.8		63.5		114.	
ryllium	MG/KG	.46	J	.48	J	.36	J	.5	J	.44	J	.45	J	.4	J
dmium	MG/KG	.06	U	.05	U	.05	U	.06	U	.06	U	.06	U	.09	U
lcium	MG/KG	2,480.		76,300.		52,700.		23,900.		9,490.		36,200.		29,000.	
romium	MG/KG	18.7		21.4		17.1		19.1		19.5		21.5		19.3	
balt	MG/KG	17.7		12.4		9.9		12.6		12.6		12.6		10.7	J
pper	MG/KG	26.2		26.8		19.4		23.6		21.6		28.7		57.3	
anide	MG/KG	.62	U	.56	U	.53	U	.57	U	.6	U	.55	U	.87	U
n	MG/KG	25,600.		27,300.		21,300.		27,100.		24,800.		28,900.		23,300.	
ad	MG/KG	16.2	J	7.9		8.9		14.8	J	11.4	J	7.9	J	34.4	J
gnesium	MG/KG	4,350.		15,400.		8,450.		5,450.		5,400.		7,390.		5,910.	
nganese	MG/KG	1,120.		459.		372.		644.		559.		522.		658.	
rcury	MG/KG	.06	U	.05	U	.05	U	.05	UJ	.05	UJ	.05	J	.34	J
ckel	MG/KG	40.8		36.3		29.		30.8		32.5		37.3		33.5	
tassium	MG/KG	894.	J	1,220.		1,100.		1,020.	J	1,150.		1,140.		1,090.	J
lenium	MG/KG	1.1	J	.79	UJ	.79	J	1.	UJ	.89	UJ	98	UJ	1.8	J
ver	MG/KG	.23	U	.21	U	.21	U	.26	U	.23	U	.26	U	.36	U
dium	MG/KG	47.9	U	102.	J	55.7	J	54.5	U	48.5	U	53.6	U	90.8	J
allium	MG/KG	2.		1.1	J	.89	U	1.1	J	1.2	J	1.1	U	1.6	U
nadium	MG/KG	20.1		17.8		13.4		19.7		18.3		17.5		17.8	
c	MG/KG	71.5		87.7		68.2		75.8		69.3		82.2		186.	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71156

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-24		MW12-24		SS12-64		MW12-31		MW12-31		MW12-32		MW12-32	
	SAMP_ID:	123162		123163		123171		123172		123174		123175		123177	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	2		6		0		0		2		0		2	
	SAMP. DEPTH BOT:	4		8		0.5		0.2		4		0.2		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	19-Oct-98		19-Oct-98		20-Oct-98		26-Oct-98		26-Oct-98		26-Oct-98		26-Oct-98	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
VOLATILES															
,1,1-Trichloroethane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
,1,2,2-Tetrachloroethane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
,1,2-Trichloroethane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
,1-Dichloroethane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
,1-Dichloroethene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
,2-Dichloroethane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
,2-Dichloroethene (total)	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
,2-Dichloropropane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Acetone	UG/KG	11.	UJ	12.	UJ	14.	U	13.	UJ	10.	J	11.	UJ	12.	UJ
Benzene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Bromodichloromethane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Bromoform	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Carbon disulfide	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Carbon tetrachloride	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Chlorobenzene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Chlorodibromomethane	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Chloroethane	UG/KG	11.	UJ	12.	UJ	14.	U	13.	U	11.	U	11.	U	12.	U
Chloroform	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Cis-1,3-Dichloropropene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Ethyl benzene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Methyl bromide	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Methyl butyl ketone	UG/KG	11.	UJ	12.	UJ	14.	U	13.	UJ	11.	UJ	11.	UJ	12.	UJ
Methyl chloride	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Methyl ethyl ketone	UG/KG	11.	UJ	12.	UJ	14.	U	13.	UJ	11.	UJ	11.	UJ	12.	UJ
Methyl isobutyl ketone	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Methylene chloride	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Styrene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Tetrachloroethene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Toluene	UG/KG	11.	U	4.	J	14.	U	13.	U	11.	U	11.	U	12.	U
Total Xylenes	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Trans-1,3-Dichloropropene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Trichloroethene	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
Vinyl chloride	UG/KG	11.	U	12.	U	14.	U	13.	U	11.	U	11.	U	12.	U
SEMI-VOLATILES															
,2,4-Trichlorobenzene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
,2-Dichlorobenzene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
,3-Dichlorobenzene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
,4-Dichlorobenzene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2,4,5-Trichlorophenol	UG/KG	580.	U	600.	U	250.	U	220.	U	180.	U	210.	U	170.	U
2,4,6-Trichlorophenol	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2,4-Dichlorophenol	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2,4-Dimethylphenol	UG/KG	240.	UJ	250.	UJ	100.	UJ	90.	U	74.	U	87.	U	72.	U
2,4-Dinitrophenol	UG/KG	580.	UJ	600.	UJ	250.	UJ	220.	U	180.	U	210.	U	170.	UJ
2,4-Dinitrotoluene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2,6-Dinitrotoluene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2-Chloronaphthalene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2-Chlorophenol	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2-Methylnaphthalene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2-Methylphenol	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
2-Nitroaniline	UG/KG	580.	U	600.	U	250.	UJ	220.	U	180.	U	210.	U	170.	U
2-Nitrophenol	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
3,3`-Dichlorobenzidine	UG/KG	240.	UJ	250.	UJ	100.	U	90.	U	74.	U	87.	U	72.	U
3-Nitroaniline	UG/KG	580.	UJ	600.	UJ	250.	U	220.	U	180.	U	210.	U	170.	UJ
4,6-Dinitro-2-methylphenol	UG/KG	580.	U	600.	U	250.	U	220.	U	180.	U	210.	U	170.	UJ
4-Bromophenyl phenyl ether	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
4-Chloro-3-methylphenol	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U

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PHASE 2 - VALIDATED DATA
SDG 71156

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-24		MW12-24		SS12-64		MW12-31		MW12-31		MW12-32		MW12-32	
	SAMP_ID:	123162		123163		123171		123172		123174		123175		123177	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	2		6		0		0		2		0		2	
	SAMP. DEPTH BOT:	4		8		0.5		0.2		4		0.2		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	19-Oct-98		19-Oct-98		20-Oct-98		26-Oct-98		26-Oct-98		26-Oct-98		26-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-Chloroaniline	UG/KG	240.	UJ	250.	UJ	100.	U	90.	UJ	74.	UJ	87.	UJ	72.	UJ
-Chlorophenyl phenyl ether	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
-Methylphenol	UG/KG	240.	U	250.	U	100.	U	15.	J	74.	U	87.	U	72.	U
-Nitroaniline	UG/KG	580.	UJ	600.	UJ	250.	UJ	220.	U	180.	U	210.	U	170.	UJ
-Nitrophenol	UG/KG	580.	U	600.	U	250.	U	220.	U	180.	U	210.	U	170.	U
cenaphthene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
cenaphthylene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
nthracene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
enzo[a]anthracene	UG/KG	240.	U	250.	U	7.8	J	12.	J	74.	U	19.	J	5.9	J
enzo[a]pyrene	UG/KG	240.	U	250.	U	9.3	J	11.	J	74.	U	17.	J	4.5	J
enzo[b]fluoranthene	UG/KG	240.	U	250.	U	12.	J	15.	J	74.	U	28.	J	5.9	J
enzo[ghi]perylene	UG/KG	240.	U	250.	U	100.	U	13.	J	74.	U	16.	J	4.3	J
enzo[k]fluoranthene	UG/KG	240.	U	250.	U	11.	J	12.	J	74.	U	22.	J	5.6	J
is(2-Chloroethoxy)methane	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
is(2-Chloroethyl)ether	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
is(2-Chloroisopropyl)ether	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
is(2-Ethylhexyl)phthalate	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	UJ
utylbenzylphthalate	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	UJ
arbazole	UG/KG	240.	UJ	250.	UJ	100.	U	90.	U	74.	U	5.6	J	72.	U
hrysene	UG/KG	240.	U	250.	U	13.	J	18.	J	74.	U	31.	J	8.1	J
i-n-butylphthalate	UG/KG	1,300	UJ	1,000	UJ	1,400.	UJ	6.1	J	74.	U	87.	U	72.	U
i-n-octylphthalate	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	4.1	J
ibenz[a,h]anthracene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	4.6	J	72.	U
ibenzofuran	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
iethyl phthalate	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
imethylphthalate	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
luoranthene	UG/KG	240.	U	250.	U	18.	J	24.	J	74.	U	48.	J	8.2	J
luorene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
exachlorobenzene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
exachlorobutadiene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
exachlorocyclopentadiene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	UJ
exachloroethane	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
deno[1,2,3-cd]pyrene	UG/KG	240.	U	250.	U	100.	U	8.1	J	74.	U	14.	J	72.	U
ophorone	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
-Nitrosodiphenylamine	UG/KG	240.	U	250.	U	49.	J	90.	U	74.	U	87.	U	72.	U
-Nitrosodipropylamine	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
aphthalene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
itrobenzene	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
entachlorophenol	UG/KG	580.	UJ	600.	UJ	250.	UJ	220.	U	180.	U	210.	U	170.	U
henanthrene	UG/KG	240.	U	250.	U	9.9	J	9.	J	74.	U	16.	J	5.5	J
henol	UG/KG	240.	U	250.	U	100.	U	90.	U	74.	U	87.	U	72.	U
yrene	UG/KG	240.	U	250.	U	18.	J	25.	J	74.	U	46.	J	6.	J
ESTICIDES/PCBs															
4'-DDD	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
4'-DDE	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
4'-DDT	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
ldrin	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	2.2	U	1.8	U
lpha-BHC	UG/KG	1.9	U	1.9	U	2.7	U	2.4		1.9	U	51.		1.8	U
lpha-Chlordane	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	2.2	U	1.8	U
roclor-1016	UG/KG	36.	U	38.	U	52.	U	45.	U	37.	U	43.	U	36.	U
roclor-1221	UG/KG	74.	U	76.	U	110.	U	92.	U	75.	U	88.	U	73.	U
roclor-1232	UG/KG	36.	U	38.	U	52.	U	45.	U	37.	U	43.	U	36.	U
roclor-1242	UG/KG	36.	U	38.	U	52.	U	45.	U	37.	U	43.	U	36.	U
roclor-1248	UG/KG	36.	U	38.	U	52.	U	45.	U	37.	U	43.	U	36.	U
roclor-1254	UG/KG	36.	U	38.	U	52.	U	45.	U	37.	U	43.	U	36.	U
roclor-1260	UG/KG	36.	U	38.	U	52.	U	45.	U	37.	U	43.	U	36.	U
eta-BHC	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	6.1		1.8	U

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PHASE 2 - VALIDATED DATA
SDG 71156

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-24		MW12-24		SS12-64		MW12-31		MW12-31		MW12-32		MW12-32	
	SAMP_ID:	123162		123163		123171		123172		123174		123175		123177	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	2		6		0		0		2		0		2	
	SAMP. DEPTH BOT:	4		8		0.5		0.2		4		0.2		3	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	19-Oct-98		19-Oct-98		20-Oct-98		26-Oct-98		26-Oct-98		26-Oct-98		26-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
lta-BHC	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	2.2	U	1.8	U
eldrin	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
dosulfan I	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	2.2	U	1.8	U
dosulfan II	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
dosulfan sulfate	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
drin	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
drin aldehyde	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
drin ketone	UG/KG	3.6	U	3.8	U	5.2	U	4.5	U	3.7	U	4.3	U	3.6	U
mma-BHC/Lindane	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	17.		1.8	U
mma-Chlordane	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	2.2	U	1.8	U
ptachlor	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	2.2	U	1.8	U
ptachlor epoxide	UG/KG	1.9	U	1.9	U	2.7	U	2.3	U	1.9	U	2.2	U	1.8	U
thoxychlor	UG/KG	19.	U	19.	U	27.	U	23.	U	19.	U	22.	U	18.	U
xaphene	UG/KG	190.	U	190.	U	270.	U	230.	U	190.	U	220.	U	180.	U
TALS															
minum	MG/KG	9,860.	J	16,500.		13,100.		16,700.		9,860.		12,300.		14,800.	
timony	MG/KG	1.3	R	.89	R	1.7	R	1.5	R	.9	R	1.3	R	.79	R
senic	MG/KG	4.4		6.2		4.6		4.6		1.7		3.9		2.3	
rium	MG/KG	47.4		68.8		114.		86.2		30.4		111.		57.9	
ryllium	MG/KG	.36	J	.68	J	.54	J	.67	J	.46	J	.61	J	.67	
dmium	MG/KG	.38	U	.26	U	.51	U	.44	U	.26	U	.37	U	.23	U
lcium	MG/KG	20,000.		8,240.		25,200.		4,800.		1,470.		7,610.		7,850.	
romium	MG/KG	13.2	J	29.6	J	23.2	J	23.1	J	18.2	J	19.8	J	25.9	J
balt	MG/KG	7.8	J	17.2	J	13.6	J	9.4	J	12.6		11.7		17.	
pper	MG/KG	23.2		28.3		60.3		18.5		9.3		21.1		20.9	
anide	MG/KG	.56	U	.56	U	.81	U	.71	U	.57	U	.66	U	.55	U
n	MG/KG	17,400.	J	34,600.	J	27,700.	J	25,100.	J	21,900.	J	22,400.	J	32,000.	
ad	MG/KG	5.	J	2.6	J	29.5	J	17.1	J	2.7	J	14.6	J	3.8	J
gnesium	MG/KG	10,500.		6,590.		5,750.		3,620.		4,500.		3,750.		6,580.	
nganese	MG/KG	424.		564.		1,240.		408.		383.		2,370.		550.	
rcury	MG/KG	.05	U	.06	U	.48		.07	U	.05	U	.07	J	.05	U
ckel	MG/KG	12.5	UJ	36.8	UJ	29.7	UJ	19.9	UJ	28.1	UJ	23.6	UJ	41.2	UJ
tassium	MG/KG	1,160.		1,260.		1,400.	J	1,810.		531.	J	1,110.		1,020.	
lenium	MG/KG	.48	U	.43	J	1.6		.56	U	.34	U	1.6		.7	
ver	MG/KG	.25	U	.2	J	.34	U	.29	U	.18	U	.25	U	.15	U
dium	MG/KG	98.9	J	148.	J	85.4	J	153.	J	57.1	J	82.7	J	57.2	J
allium	MG/KG	1.1	U	.75	J	1.5	J	1.3	UJ	.77	UJ	1.1	UJ	1.3	J
nadium	MG/KG	18.7		23.8		22.1		24.2		12.4		20.3		19.8	
c	MG/KG	47.6	J	80.2	J	206.	J	117.	J	70.9	J	98.8	J	98.7	J

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PHASE 2 - VALIDATED DATA
SDG 71156

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-32		SB12-10		MW12-7		MW12-7		MW12-7		MW12-8		MW12-8	
	SAMP_ID:	123178		123179		123180		123181		123182		123183		123184	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		4		8		0		4	
	SAMP. DEPTH BOT:	0.2		0		0.2		6		10		0.2		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	26-Oct-98		27-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
VOLATILES															
,1,1-Trichloroethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
,1,2,2-Tetrachloroethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
,1,2-Trichloroethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
,1-Dichloroethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
,1-Dichloroethene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
,2-Dichloroethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
,2-Dichloroethene (total)	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
,2-Dichloropropane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
cetone	UG/KG	12.	UJ	26.		7.	J	6.	J	5.	J	52.		11.	U
enzene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
romodichloromethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
romoform	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
arbon disulfide	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
arbon tetrachloride	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
hlorobenzene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
hlorodibromomethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
hloroethane	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
hloroform	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
is-1,3-Dichloropropene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
thyl benzene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
lethyl bromide	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
lethyl butyl ketone	UG/KG	12.	UJ	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
lethyl chloride	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
lethyl ethyl ketone	UG/KG	12.	UJ	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
lethyl isobutyl ketone	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
lethylene chloride	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
tyrene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
etrachloroethene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
oluene	UG/KG	4.	J	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
otal Xylenes	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
rans-1,3-Dichloropropene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
richloroethene	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
inyl chloride	UG/KG	12.	U	12.	U	13.	U	12.	U	11.	U	13.	U	11.	U
EMI-VOLATILES															
,2,4-Trichlorobenzene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,2-Dichlorobenzene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,3-Dichlorobenzene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,4-Dichlorobenzene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,4,5-Trichlorophenol	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
,4,6-Trichlorophenol	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,4-Dichlorophenol	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,4-Dimethylphenol	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,4-Dinitrophenol	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
,4-Dinitrotoluene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,6-Dinitrotoluene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-Chloronaphthalene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-Chlorophenol	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-Methylnaphthalene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-Methylphenol	UG/KG	5.8	J	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-Nitroaniline	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
-Nitrophenol	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
,3'-Dichlorobenzidine	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-Nitroaniline	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
,6-Dinitro-2-methylphenol	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
-Bromophenyl phenyl ether	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-Chloro-3-methylphenol	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U

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	STUDY ID	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-32		SB12-10		MW12-7		MW12-7		MW12-7		MW12-8		MW12-8	
	SAMP_ID:	123178		123179		123180		123181		123182		123183		123184	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		4		8		0		4	
	SAMP. DEPTH BOT:	0.2		0		0.2		6		10		0.2		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	26-Oct-98		27-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
hloroaniline	UG/KG	90.	UJ	85.	UJ	85.	UJ	76.	UJ	72.	UJ	83.	UJ	73.	UJ
hlorophenyl phenyl ether	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
ethylphenol	UG/KG	90.	U	4.7	J	85.	U	76.	U	72.	U	83.	U	73.	U
itroaniline	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
itrophenol	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
naphthene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
naphthylene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
nracene	UG/KG	5.1	J	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
zo[a]anthracene	UG/KG	24.	J	11.	J	5.4	J	76.	U	72.	U	6.4	J	73.	U
zo[a]pyrene	UG/KG	23.	J	12.	J	6.7	J	76.	U	72.	U	8.	J	73.	U
zo[b]fluoranthene	UG/KG	38.	J	13.	J	7.4	J	76.	U	72.	U	9.7	J	73.	U
zo[ghi]perylene	UG/KG	20.	J	9.6	J	7.5	J	76.	U	72.	U	6.6	J	73.	U
zo[k]fluoranthene	UG/KG	31.	J	10.	J	7.7	J	76.	U	72.	U	7.4	J	73.	U
2-Chloroethoxy)methane	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
2-Chloroethyl)ether	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
2-Chloroisopropyl)ether	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
2-Ethylhexyl)phthalate	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
ylbenzylphthalate	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
bazole	UG/KG	9.2	J	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
ysene	UG/KG	42.	J	15.	J	7.7	J	76.	U	72.	U	9.1	J	73.	U
-butylphthalate	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
-octylphthalate	UG/KG	13.	J	15.	J	85.	U	14.	J	6.9	J	83.	U	19.	J
enz[a,h]anthracene	UG/KG	6.9	J	4.8	J	85.	U	76.	U	72.	U	83.	U	73.	U
enzofuran	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
hyl phthalate	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
ethylphthalate	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
oranthene	UG/KG	59.	J	18.	J	11.	J	76.	U	72.	U	14.	J	73.	U
rene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
achlorobenzene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
achlorobutadiene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
achlorocyclopentadiene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
achloroethane	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
eno[1,2,3-cd]pyrene	UG/KG	19.	J	7.3	J	6.	J	76.	U	72.	U	6.1	J	73.	U
horone	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
itrosodiphenylamine	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
itrosodipropylamine	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
hthalene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
obenzene	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
tachlorophenol	UG/KG	220.	U	200.	U	210.	U	180.	U	170.	U	200.	U	180.	U
nanthrene	UG/KG	27.	J	13.	J	6.6	J	76.	U	72.	U	7.8	J	73.	U
nol	UG/KG	90.	U	85.	U	85.	U	76.	U	72.	U	83.	U	73.	U
ene	UG/KG	61.	J	20.	J	13.	J	76.	U	72.	U	22.	J	73.	U
STICIDES/PCBs															
-DDD	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
-DDE	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
-DDT	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
in	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
a-BHC	UG/KG	24.		2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
a-Chlordane	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
clor-1016	UG/KG	45.	U	42.	U	43.	U	38.	U	36.	U	42.	U	37.	U
clor-1221	UG/KG	92.	U	86.	U	87.	U	77.	U	72.	U	85.	U	74.	U
clor-1232	UG/KG	45.	U	42.	U	43.	U	38.	U	36.	U	42.	U	37.	U
clor-1242	UG/KG	45.	U	42.	U	43.	U	38.	U	36.	U	42.	U	37.	U
clor-1248	UG/KG	45.	U	42.	U	43.	U	38.	U	36.	U	42.	U	37.	U
clor-1254	UG/KG	45.	U	42.	U	43.	U	38.	U	36.	U	42.	U	37.	U
clor-1260	UG/KG	45.	U	42.	U	43.	U	38.	U	36.	U	42.	U	37.	U
a-BHC	UG/KG	3.9		2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-32		SB12-10		MW12-7		MW12-7		MW12-7		MW12-8		MW12-8	
	SAMP_ID:	123178		123179		123180		123181		123182		123183		123184	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		4		8		0		4	
	SAMP. DEPTH BOT:	0.2		0		0.2		6		10		0.2		6	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	26-Oct-98		27-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98		28-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
eldrin	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
ndosulfan I	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
ndosulfan II	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
ndosulfan sulfate	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
ndrin	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
ndrin aldehyde	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
ndrin ketone	UG/KG	4.5	U	4.2	U	4.3	U	3.8	U	3.6	U	4.2	U	3.7	U
amma-BHC/Lindane	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
amma-Chlordane	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
eptachlor	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
eptachlor epoxide	UG/KG	2.3	U	2.2	U	2.2	U	2.	U	1.8	U	2.2	U	1.9	U
ethoxychlor	UG/KG	23.	U	22.	U	22.	U	20.	U	18.	U	22.	U	19.	U
oxaphene	UG/KG	230.	U	220.	U	220.	U	200.	U	180.	U	220.	U	190.	U
ETALS															
uminum	MG/KG	14,500.		8,590.		12,400.		7,400.		7,700.		11,700.		7,440.	
ntimony	MG/KG	1.5	R	1.5	R	1.6	R	1.2	R	.89	R	1.5	R	1.2	R
rsenic	MG/KG	2.5		5.8		4.1		3.		3.3		3.1		3.1	
arium	MG/KG	126.		90.4		81.6		62.7		68.2		76.1		73.2	
eryllium	MG/KG	.71	J	.46	J	.63	J	.39	J	.38	J	.58	J	.45	J
admium	MG/KG	.43	U	.45	U	.46	U	.35	U	.26	U	.43	U	.36	U
alcium	MG/KG	8,100.		73,600.		3,720.		72,400.		62,500.		4,240.		87,500.	
hromium	MG/KG	21.3	J	18.9	J	16.5	J	12.4	J	13.3	J	15.1	J	12.	J
obalt	MG/KG	12.2		9.9	J	9.	J	8.2	J	8.4		8.6	J	8.1	J
opper	MG/KG	26.2		41.1		15.7		19.4		18.5		15.1		20.	
yanide	MG/KG	.69	U	.63	U	.66	U	.58	U	.54	U	1.6		1.5	
on	MG/KG	24,500.		41,100.		20,300.		16,500.		17,200.		19,500.		16,500.	
ead	MG/KG	15.9	J	5.1	J	16.	J	5.	J	4.7	J	15.7	J	5.9	J
agnesium	MG/KG	4,440.		19,400.		3,200.		15,300.		13,800.		3,120.		16,500.	
anganese	MG/KG	2,280.		596.		640.		378.		387.		701.		406.	
ercury	MG/KG	.07	U	.29		.06	U	.05	U	.05	U	.06	U	.05	U
ckel	MG/KG	28.	UJ	31.4	UJ	17.2	UJ	21.7	UJ	21.3	UJ	16.3	UJ	22.9	UJ
otassium	MG/KG	1,610.		1,300.		1,280.		1,160.		1,290.		1,170.	J	1,300.	
elenium	MG/KG	2.1		.66	J	.84	J	.45	U	.34	U	.55	U	.46	U
lver	MG/KG	.29	U	.3	U	.31	U	.23	U	.18	U	.29	U	.24	U
odium	MG/KG	60.4	U	112.	J	64.2	U	75.1	J	103.	J	60.	U	99.	J
hallium	MG/KG	1.8	J	2.2	J	1.3	U	1.2	J	1.3	J	1.8	J	1.7	J
anadium	MG/KG	22.8		18.3		21.8		13.6		13.6		20.8		13.9	
nc	MG/KG	110.	J	80.	J	54.2	J	49.6	J	50.5	J	53.6	J	45.4	J

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PHASE 2 - VALIDATED DATA
SDG 71156

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-8		MW12-35		MW12-35		MW12-35		MW12-33		MW12-33	
	SAMP_ID:	123185		123186		123187		123188		123195		123196	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8		0		10		14		0		6	
	SAMP. DEPTH BOT:	10		0.2		12		15.5		0.2		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	28-Oct-98		29-Oct-98		29-Oct-98		29-Oct-98		31-Oct-98		31-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES													
1,1-Trichloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
1,2,2-Tetrachloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
1,2-Trichloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
1-Dichloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
1-Dichloroethene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
2-Dichloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
2-Dichloroethene (total)	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
2-Dichloropropane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
cetone	UG/KG	12.		12.	U	30.	U	12.	U	15.		15.	
enzene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
romodichloromethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
romoform	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
arbon disulfide	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
arbon tetrachloride	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
hlorobenzene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
hlorodibromomethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
hloroethane	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
hloroform	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
s-1,3-Dichloropropene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
hyl benzene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl bromide	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl butyl ketone	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl chloride	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl ethyl ketone	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethyl isobutyl ketone	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ethylene chloride	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
yrene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
etrachloroethene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
oluene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
otal Xylenes	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
rans-1,3-Dichloropropene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
ichloroethene	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
nyl chloride	UG/KG	11.	U	12.	U	12.	U	12.	U	12.	U	11.	U
EMI-VOLATILES													
2,4-Trichlorobenzene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
2-Dichlorobenzene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
3-Dichlorobenzene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
4-Dichlorobenzene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
4,5-Trichlorophenol	UG/KG	180.	U	180.	U	190.	U	180.	U	210.	U	180.	U
4,6-Trichlorophenol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
4-Dichlorophenol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
4-Dimethylphenol	UG/KG	72.	U	76.	UJ	78.	UJ	75.	UJ	86.	U	74.	U
4-Dinitrophenol	UG/KG	180.	U	180.	UJ	190.	UJ	180.	UJ	210.	UJ	180.	UJ
4-Dinitrotoluene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
6-Dinitrotoluene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
Chloronaphthalene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
Chlorophenol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
Methylnaphthalene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
Methylphenol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
Nitroaniline	UG/KG	180.	U	180.	U	190.	U	180.	U	210.	U	180.	U
Nitrophenol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
3'-Dichlorobenzidine	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	UJ	74.	UJ
Nitroaniline	UG/KG	180.	U	180.	UJ	190.	UJ	180.	UJ	210.	U	180.	U
6-Dinitro-2-methylphenol	UG/KG	180.	U	180.	UJ	190.	UJ	180.	UJ	210.	UJ	180.	UJ
Bromophenyl phenyl ether	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
Chloro-3-methylphenol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71156

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71156		71156		71156		71156		71156		71156	
	LOC ID:	MW12-8		MW12-35		MW12-35		MW12-35		MW12-33		MW12-33	
	SAMP_ID:	123185		123186		123187		123188		123195		123196	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8		0		10		14		0		6	
	SAMP. DEPTH BOT:	10		0.2		12		15.5		0.2		8	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	28-Oct-98		29-Oct-98		29-Oct-98		29-Oct-98		31-Oct-98		31-Oct-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-Chloroaniline	UG/KG	72.	UJ	76.	UJ	78.	UJ	75.	UJ	86.	U	74.	U
-Chlorophenyl phenyl ether	UG/KG	72.	U	76.	UJ	78.	UJ	75.	UJ	86.	U	74.	U
-Methylphenol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
-Nitroaniline	UG/KG	180.	U	180.	UJ	190.	UJ	180.	UJ	210.	U	180.	U
-Nitrophenol	UG/KG	180.	U	180.	UJ	190.	UJ	180.	UJ	210.	U	180.	U
cenaphthene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
cenaphthylene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
nthracene	UG/KG	72.	U	76.	U	78.	U	75.	U	4.6	J	74.	U
enzo[a]anthracene	UG/KG	72.	U	9.3	J	78.	U	75.	U	20.	J	74.	U
enzo[a]pyrene	UG/KG	72.	U	8.8	J	78.	U	75.	U	20.	J	74.	U
enzo[b]fluoranthene	UG/KG	72.	U	11.	J	78.	U	75.	U	28.	J	74.	U
enzo[ghi]perylene	UG/KG	72.	U	6.6	J	78.	U	75.	U	18.	J	4.3	J
enzo[k]fluoranthene	UG/KG	72.	U	9.2	J	78.	U	75.	U	19.	J	74.	U
is(2-Chloroethoxy)methane	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
is(2-Chloroethyl)ether	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
is(2-Chloroisopropyl)ether	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
is(2-Ethylhexyl)phthalate	UG/KG	72.	U	76.	UJ	78.	UJ	75.	U	86.	U	74.	U
utylbenzylphthalate	UG/KG	72.	U	76.	UJ	78.	UJ	75.	UJ	86.	U	74.	U
arbazole	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	UJ	74.	UJ
hrysene	UG/KG	72.	U	13.	J	4.	J	75.	U	27.	J	74.	U
i-n-butylphthalate	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
i-n-octylphthalate	UG/KG	45.	J	76.	U	78.	U	75.	U	86.	U	74.	U
ibenz[a,h]anthracene	UG/KG	72.	U	76.	UJ	78.	UJ	75.	UJ	5.8	J	74.	U
ibenzofuran	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
iethyl phthalate	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
imethylphthalate	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
luoranthene	UG/KG	72.	U	17.	J	6.	J	75.	U	40.	J	74.	U
luorene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
exachlorobenzene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
exachlorobutadiene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
exachlorocyclopentadiene	UG/KG	72.	U	76.	UJ	78.	UJ	75.	UJ	86.	UJ	74.	UJ
exachloroethane	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
deno[1,2,3-cd]pyrene	UG/KG	72.	U	5.8	J	78.	UJ	75.	UJ	15.	J	74.	U
ophorone	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
-Nitrosodiphenylamine	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
-Nitrosodipropylamine	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
aphthalene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
itrobenzene	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
entachlorophenol	UG/KG	180.	U	180.	U	190.	U	180.	U	210.	UJ	180.	UJ
henanthrene	UG/KG	72.	U	8.8	J	4.1	J	75.	U	21.	J	74.	U
henol	UG/KG	72.	U	76.	U	78.	U	75.	U	86.	U	74.	U
yrene	UG/KG	72.	U	17.	J	5.9	J	75.	U	40.	J	74.	U
ESTICIDES/PCBs													
4'-DDD	UG/KG	3.6	U	3.8	U	3.9	U	3.8	U	4.3	U	3.7	U
4'-DDE	UG/KG	3.6	U	3.8	U	3.9	U	3.8	U	4.3	U	3.7	U
4'-DDT	UG/KG	3.6	U	3.8	U	3.9	U	3.8	U	2.2	J	3.7	U
ldrin	UG/KG	1.9	U	2.	U	2.	U	1.9	U	2.2	U	1.9	U
lpha-BHC	UG/KG	1.9	U	2.	U	2.	U	1.9	U	2.2	U	1.9	U
lpha-Chlordane	UG/KG	1.9	U	2.	U	2.	U	1.9	U	2.2	U	1.9	U
roclor-1016	UG/KG	36.	U	38.	U	39.	U	38.	U	43.	U	37.	U
roclor-1221	UG/KG	74.	U	77.	U	80.	U	76.	U	87.	U	75.	U
roclor-1232	UG/KG	36.	U	38.	U	39.	U	38.	U	43.	U	37.	U
roclor-1242	UG/KG	36.	U	38.	U	39.	U	38.	U	43.	U	37.	U
roclor-1248	UG/KG	36.	U	38.	U	39.	U	38.	U	43.	U	37.	U
roclor-1254	UG/KG	36.	U	38.	U	39.	U	38.	U	43.	U	37.	U
roclor-1260	UG/KG	36.	U	38.	U	39.	U	38.	U	43.	U	37.	U
eta-BHC	UG/KG	1.9	U	2.	U	2.	U	1.9	U	2.2	U	1.9	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71156

	STUDY ID	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1	RI Phase 1 Step 1
	SDG	71156	71156	71156	71156	71156	71156
	LOC ID	MW12-8	MW12-35	MW12-35	MW12-35	MW12-33	MW12-33
	SAMP_ID	123185	123186	123187	123188	123195	123196
	FIELD QC CODE	SA	SA	SA	SA	SA	SA
	SAMP DEPTH TOP	8	0	10	14	0	5
	SAMP DEPTH BOT	10	0 2	12	15.5	0.2	8
	MATRIX	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	SAMP. DATE	28-Oct-98	29-Oct-98	29-Oct-98	29-Oct-98	31-Oct-98	31-Oct-98
RAMETER	UNIT	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q	VALUE Q
ta-BHC	UG/KG	1 9 U	2. U	2 U	1 9 U	2.2 U	1.9 U
ldrin	UG/KG	3 6 U	3 8 U	3.9 U	3 8 U	4.3 U	3 7 U
losulfan I	UG/KG	1.9 U	2. U	2. U	1 9 U	2 2 U	1 9 U
losulfan II	UG/KG	3 6 U	3.8 U	3 9 U	3 8 U	4 3 U	3.7 U
losulfan sulfate	UG/KG	3.6 U	3.8 U	3 9 U	3 8 U	4 3 U	3.7 U
lrin	UG/KG	3.6 U	3.8 U	3 9 U	3 8 U	4.3 U	3 7 U
lrin aldehyde	UG/KG	3.6 U	3 8 U	3.9 U	3 8 U	4.3 U	3 7 U
lrin ketone	UG/KG	3 6 U	3.8 U	3 9 U	3 8 U	4.3 U	3.7 U
mma-BHC/Lindane	UG/KG	1 9 U	2. U	2. U	1 9 U	2.2 U	1 9 U
mma-Chlordane	UG/KG	1 9 U	2 U	2 U	1 9 U	2 2 U	1 9 U
ptachlor	UG/KG	1.9 U	2 U	2 U	1 9 U	2 2 U	1 9 U
ptachlor epoxide	UG/KG	1.9 U	2 U	2. U	1 9 U	2.2 U	1.9 U
thoxychlor	UG/KG	19 U	20 U	20 U	19 U	22 U	19 U
xaphene	UG/KG	190 U	200 U	200 U	190 U	220 U	190 U
TALS							
minum	MG/KG	7,550	10,300	10,100	8,970	14,100	8,690
timony	MG/KG	1.2 R	1 2 R	1 2 R	1 1 R	1 3 R	1 1 R
enic	MG/KG	3.3	4 2	4 1	8 1	3 9	3 3
ium	MG/KG	65.8	76.4	84.2	85.4	94.6	74.7
yllium	MG/KG	.43 J	54 J	59 J	48 J	.69 J	47 J
dmium	MG/KG	.35 U	36 U	.35 U	32 U	.38 U	.32 U
cium	MG/KG	64,400	45,600	51,600	96,500	7,570	94,800
omium	MG/KG	13 3 J	15.7 J	15 4 J	15 9 J	21 6 J	14 2 J
balt	MG/KG	12.1	9 7 J	9.6 J	9 6	10 7 J	10 5
pper	MG/KG	21.9	23.8	23.	26.2	20.8	22 1
anide	MG/KG	.72	65 U	.61 U	62 U	.72 U	61 U
	MG/KG	17,300	20,600	19,100	21,900	22,700 J	17,600 J
d	MG/KG	7.6 J	8.9 J	9.8 J	13 3 J	24 9 J	5 2 J
gnesium	MG/KG	13,400	9,060	12,600	19,100	4,570	20,200
nganese	MG/KG	416	431	463	470	700	493
rcury	MG/KG	.05 U	.05 U	.06 U	06 U	06 U	06 U
kel	MG/KG	27.6 UJ	25.4 UJ	24 7 UJ	28.4 UJ	22 1 UJ	23 3 UJ
assium	MG/KG	1,260	1,510	1,410	1,490	1,980	1,830
enium	MG/KG	.57 J	68 J	44 U	93	.95 J	41 U
er	MG/KG	.23 U	39 J	.23 U	21 U	.26 U	21 U
lium	MG/KG	49.2 U	49.8 U	58 1 J	74 J	53.8 U	79.7 J
llium	MG/KG	1.5 J	2. J	2.1	1.6 J	1.6 J	98 J
nadium	MG/KG	13.5	18.7	18 9	16.5	24.6	15 7
c	MG/KG	57.2 J	60.3 J	57.5 J	60 5 J	97.3 J	51 1 J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340		71340	
	LOC ID:	MW12-33		MW12-34		MW12-34		MW12-34		MW12-37		MW12-37		MW12-38	
	SAMP_ID:	123197		123198		123199		123200		123201		123203		123204	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	10		0		4		10		0		2		1	
	SAMP. DEPTH BOT:	0		0.2		6		12		0.2		4		1.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	31-Oct-98		31-Oct-98		31-Oct-98		31-Oct-98		1-Nov-98		1-Nov-98		1-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES															
1,1-Trichloroethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
1,2,2-Tetrachloroethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	UJ	11.	U	11.	U
1,2-Trichloroethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
1-Dichloroethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
1-Dichloroethene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
2-Dichloroethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
2-Dichloroethene (total)	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
2-Dichloropropane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
cetone	UG/KG	10.	J	8.	J	13.		9.	J	8.	J	14.		30.	
enzene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
romodichloromethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
romoform	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	UJ	11.	U	11.	U
arbon disulfide	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
arbon tetrachloride	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
hlorobenzene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	UJ	11.	U	11.	U
hlorodibromomethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
hloroethane	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
hloroform	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
is-1,3-Dichloropropene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
hyl benzene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	UJ	11.	U	11.	U
ethyl bromide	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ethyl butyl ketone	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ethyl chloride	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ethyl ethyl ketone	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ethyl isobutyl ketone	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
ethylene chloride	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
tyrene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	UJ	11.	U	11.	U
etrachloroethene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
oluene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	14.		11.	U	2.	J
otal Xylenes	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	UJ	11.	U	2.	J
rans-1,3-Dichloropropene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
richloroethene	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	54.		11.	U
inyl chloride	UG/KG	11.	UJ	13.	U	12.	U	11.	U	11.	U	11.	U	11.	U
2-Dichloroethane	UG/KG			5.	U	5.	U	5.	U						
enzene	UG/KG			5.	U	5.	U	5.	U						
arbon tetrachloride	UG/KG			5.	U	5.	U	5.	U						
hlorobenzene	UG/KG			5.	U	5.	U	5.	U						
hloroform	UG/KG			5.	U	5.	U	5.	U						
ethyl ethyl ketone	UG/KG			5.	U	5.	U	5.	U						
etrachloroethene	UG/KG			5.	U	5.	U	5.	U						
richloroethene	UG/KG			5.	U	5.	U	5.	U						
inyl chloride	UG/KG			5.	U	5.	U	5.	U						
ERBICIDES															
4,5-TP/Silvex	UG/KG			.1	U	.1	U	.1	U						
4-D	UG/KG			1.	U	1.	U	1.	U						
EMI-VOLATILES															
2,4-Trichlorobenzene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
2-Dichlorobenzene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
3-Dichlorobenzene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
4-Dichlorobenzene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
4,5-Trichlorophenol	UG/KG	180.	U	200.	U	180.	U	180.	U	3,700.	U	170.	U	170.	U
4,6-Trichlorophenol	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
4-Dichlorophenol	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
4-Dimethylphenol	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	UJ
4-Dinitrophenol	UG/KG	180.	U	200.	U	180.	U	180.	U	3,700.	R	170.	UJ	170.	U
4-Dinitrotoluene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
6-Dinitrotoluene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Chloronaphthalene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Chlorophenol	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Methylnaphthalene	UG/KG	72.	U	81.	U	74.	U	72.	U	160.	J	72.	U	71.	U
-Methylphenol	UG/KG	72.	U	81.	U	74.	U	72.	UJ	1,500.	U	72.	U	71.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340		71340	
	LOC ID:	MW12-33		MW12-34		MW12-34		MW12-34		MW12-37		MW12-37		MW12-38	
	SAMP_ID:	123197		123198		123199		123200		123201		123203		123204	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	10		0		4		10		0		2		1	
	SAMP. DEPTH BOT:	0		0.2		6		12		0.2		4		1.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	31-Oct-98		31-Oct-98		31-Oct-98		31-Oct-98		1-Nov-98		1-Nov-98		1-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-Nitroaniline	UG/KG	180.	U	200.	U	180.	U	180.	U	3,700.	U	170.	U	170.	U
-Nitrophenol	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
,3'-Dichlorobenzidine	UG/KG	72.	UJ	81.	UJ	74.	UJ	72.	U	1,500.	UJ	72.	U	71.	U
-Nitroaniline	UG/KG	180.	UJ	200.	UJ	180.	UJ	180.	UJ	3,700.	UJ	170.	UJ	170.	UJ
,6-Dinitro-2-methylphenol	UG/KG	180.	U	200.	U	180.	U	180.	U	3,700.	UJ	170.	UJ	170.	UJ
-Bromophenyl phenyl ether	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Chloro-3-methylphenol	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Chloroaniline	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	UJ	71.	UJ
-Chlorophenyl phenyl ether	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Methylphenol	UG/KG	72.	U	81.	U	74.	U	72.	UJ	1,500.	U	72.	U	71.	U
-Nitroaniline	UG/KG	180.	UJ	200.	UJ	180.	UJ	180.	UJ	3,700.	UJ	170.	U	170.	U
-Nitrophenol	UG/KG	180.	U	200.	U	180.	U	180.	UJ	3,700.	U	170.	U	170.	U
cenaphthene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,200.	J	72.	U	71.	U
cenaphthylene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
nthracene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	J	72.	U	71.	U
enzo[a]anthracene	UG/KG	6.3	J	9.8	J	4.4	J	72.	U	3,500.		72.	U	71.	U
enzo[a]pyrene	UG/KG	8.8	J	10.	J	5.1	J	72.	U	3,200.		72.	U	71.	U
enzo[b]fluoranthene	UG/KG	12.	J	12.	J	7.	J	72.	U	2,800.		72.	U	71.	U
enzo[ghi]perylene	UG/KG	8.1	J	9.	J	5.6	J	5.	J	2,000.		72.	U	71.	U
enzo[k]fluoranthene	UG/KG	10.	J	11.	J	4.2	J	72.	U	2,900.		72.	U	71.	U
is(2-Chloroethoxy)methane	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
is(2-Chloroethyl)ether	UG/KG	72.	U	81.	U	74.	U	72.	UJ	1,500.	U	72.	U	71.	U
is(2-Chloroisopropyl)ether	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
is(2-Ethylhexyl)phthalate	UG/KG	100.	U	100.	U	74.	U	130.	U	1,500.	UJ	72.	UJ	71.	UJ
utylbenzylphthalate	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	UJ	72.	U	71.	U
arbazole	UG/KG	72.	UJ	81.	UJ	74.	UJ	72.	U	1,100.	J	72.	U	71.	U
hrysene	UG/KG	13.	J	13.	J	8.4	J	9.2	J	3,600.		72.	U	71.	U
i-n-butylphthalate	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
i-n-octylphthalate	UG/KG	15.	J	7.3	J	6.1	J	20.	J	1,500.	U	72.	U	3.9	J
ibenz[a,h]anthracene	UG/KG	72.	U	81.	U	74.	U	72.	U	680.	J	72.	UJ	71.	UJ
ibenzofuran	UG/KG	72.	U	81.	U	74.	U	72.	U	500.	J	72.	U	71.	U
iethyl phthalate	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
imethylphthalate	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
luoranthene	UG/KG	11.	J	19.	J	6.1	J	72.	U	8,500.		72.	U	71.	U
luorene	UG/KG	72.	U	81.	U	74.	U	72.	U	830.	J	72.	U	71.	U
exachlorobenzene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
exachlorobutadiene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
exachlorocyclopentadiene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	UJ	71.	UJ
exachloroethane	UG/KG	72.	U	81.	U	74.	U	72.	UJ	1,500.	U	72.	U	71.	U
deno[1,2,3-cd]pyrene	UG/KG	6.3	J	8.9	J	74.	U	72.	U	1,700.		72.	U	71.	U
sophorone	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Nitrosodiphenylamine	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
-Nitrosodipropylamine	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
laphthalene	UG/KG	72.	U	81.	U	74.	U	72.	U	540.	J	72.	U	71.	U
itrobenzene	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
entachlorophenol	UG/KG	180.	U	200.	U	180.	U	180.	U	3,700.	U	170.	U	170.	U
henanthrene	UG/KG	6.8	J	9.4	J	74.	U	4.6	J	7,500.		3.7	J	71.	U
henol	UG/KG	72.	U	81.	U	74.	U	72.	U	1,500.	U	72.	U	71.	U
yrene	UG/KG	17.	J	20.	J	6.2	J	7.	J	7,000.		72.	U	71.	U
ESTICIDES/PCBs															
,4'-DDD	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.9	U	3.6	U	3.5	U
,4'-DDE	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.2	J	3.6	U	3.5	U
,4'-DDT	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	4.	J	3.6	U	3.5	U
ldrin	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
lpha-BHC	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
lpha-Chlordane	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
roclor-1016	UG/KG	36.	U	41.	U	37.	U	36.	U	39.	U	36.	U	35.	U
roclor-1221	UG/KG	74.	U	83.	U	75.	U	74.	U	79.	U	73.	U	72.	U
roclor-1232	UG/KG	36.	U	41.	U	37.	U	36.	U	39.	U	36.	U	35.	U
roclor-1242	UG/KG	36.	U	41.	U	37.	U	36.	U	39.	U	36.	U	35.	U
roclor-1248	UG/KG	36.	U	41.	U	37.	U	36.	U	39.	U	36.	U	35.	U
roclor-1254	UG/KG	36.	U	41.	U	37.	U	36.	U	39.	U	36.	U	35.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340		71340	
	LOC ID:	MW12-33		MW12-34		MW12-34		MW12-34		MW12-37		MW12-37		MW12-38	
	SAMP_ID:	123197		123198		123199		123200		123201		123203		123204	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	10		0		4		10		0		2		1	
	SAMP. DEPTH BOT:	0		0.2		6		12		0.2		4		1.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	31-Oct-98		31-Oct-98		31-Oct-98		31-Oct-98		1-Nov-98		1-Nov-98		1-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oclor-1260	UG/KG	36.	U	41.	U	37.	U	36.	U	39.	U	36.	U	35.	U
eta-BHC	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
elta-BHC	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
eldrin	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.9	U	3.6	U	3.5	U
dosulfan I	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
dosulfan II	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.9	U	3.6	U	3.5	U
dosulfan sulfate	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.9	U	3.6	U	3.5	U
drin	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.9	U	3.6	U	3.5	U
drin aldehyde	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.9	U	3.6	U	3.5	U
drin ketone	UG/KG	3.6	U	4.1	U	3.7	U	3.6	U	3.9	U	3.6	U	3.5	U
amma-BHC/Lindane	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
amma-Chlordane	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	1.2	J	1.8	U	1.8	U
eptachlor	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	2.	U	1.8	U	1.8	U
eptachlor epoxide	UG/KG	1.9	U	2.1	U	1.9	U	1.9	U	6.5		1.8	U	1.8	U
ethoxychlor	UG/KG	19.	U	21.	U	19.	U	19.	U	20.	U	18.	U	18.	U
oxaphene	UG/KG	190.	U	210.	U	190.	U	190.	U	200.	U	180.	U	180.	U
drin	MG/KG			.005	U	.005	U	.005	U						
amma-BHC/Lindane	MG/KG			.1	U	.1	U	.1	U						
eptachlor	MG/KG			.003	U	.003	U	.003	U						
eptachlor epoxide	MG/KG			.003	U	.003	U	.003	U						
ethoxychlor	MG/KG			1.	U	1.	U	1.	U						
echnical chlordane	MG/KG			.01	U	.01	U	.01	U						
oxaphene	MG/KG			.1	U	.1	U	.1	U						
ETALS															
uminum	MG/KG	6,170.		10,200.		6,380.		6,930.		6,440.		10,600.		3,120.	
timony	MG/KG	1.1	J	1.4	J	1.	J	.95	J	1.1	J	1.1	J	1.1	J
senic	MG/KG	2.1		2.9		1.3	J	2.5		1.9		3.2		1.8	J
rium	MG/KG	90.8		93.8		51.9		76.8		36.8		74.7		24.1	J
eryllium	MG/KG	.32	J	.47	J	.32	J	.29	J	.22	J	.46	J	.05	J
dmium	MG/KG	.05	U	.07	U	.05	U	.05	U	.05	U	.06	U	.06	U
lcium	MG/KG	65,100.		11,000.		16,500.		72,700.		21,700.		49,100.		60,800.	
romium	MG/KG	10.7		15.1		12.5		13.4		13.1		19.6		4.5	
balt	MG/KG	6.8	J	9.5	J	5.	J	9.8		6.8	J	14.3		3.4	J
pper	MG/KG	19.		15.8		11.		24.3		13.		24.8		21.3	
anide	MG/KG	.55	U	.65	U	.6	U	.57	U	.59	U	.58	U	.52	U
n	MG/KG	15,400.	J	20,800.	J	14,200.	J	18,100.	J	13,100.	J	25,300.	J	7,350.	J
ad	MG/KG	8.	J	16.3	J	9.6	J	12.1	J	25.2	J	17.2	J	3.5	J
agnesium	MG/KG	16,800.		4,930.		3,590.		14,200.		7,410.		8,150.		14,400.	
anganese	MG/KG	312.	J	632.	J	143.	J	377.	J	401.	J	422.	J	349.	J
ercury	MG/KG	.06	U	.06	J	.05	U	.05	U	.05	U	.05	U	.05	U
ckel	MG/KG	20.9		21.4		21.4		29.3		15.1		41.2		7.5	J
otassium	MG/KG	1,080.		1,010.	J	404.	J	893.		628.	J	876.	J	597.	J
elenium	MG/KG	.8	UJ	1.1	UJ	.77	UJ	1.5	J	.83	U	.86	U	.87	U
lver	MG/KG	.21	U	.28	U	.2	U	.19	U	.22	U	.22	U	.23	U
odium	MG/KG	43.8	U	58.5	U	42.5	U	64.9	J	45.7	U	71.3	J	53.5	J
allium	MG/KG	1.3	J	1.5	J	.88	U	1.3	J	.94	U	1.6	J	.98	U
anadium	MG/KG	11.7		18.9		9.3		12.8		11.		16.1		6.2	J
nc	MG/KG	41.	J	55.6	J	37.7	J	85.4	J	52.5	J	54.8	J	36.6	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340		71340	
	LOC ID:	MW12-38		MW12-39		MW12-37		SS12-15		SS12-17		SS12-68		SS12-20	
	SAMP_ID:	123206		123207		123210		123211		123212		123213		123214	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	3		1.5		0		0		0		0		0	
	SAMP. DEPTH BOT:	4		2.4		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Nov-98		1-Nov-98		1-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES															
1,1-Trichloroethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
1,2,2-Tetrachloroethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
1,2-Trichloroethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
1-Dichloroethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
1-Dichloroethene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
2-Dichloroethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
2-Dichloroethene (total)	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
2-Dichloropropane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
cetone	UG/KG	45.		11.		15.		12.	U	9.	J	17.	UJ	5.	J
enzene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
romodichloromethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
romoform	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
arbon disulfide	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
arbon tetrachloride	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
hlorobenzene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
hlorodibromomethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
hloroethane	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
hloroform	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
s-1,3-Dichloropropene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
hyl benzene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
ethyl bromide	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
ethyl butyl ketone	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	UJ
ethyl chloride	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
ethyl ethyl ketone	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	UJ
ethyl isobutyl ketone	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
ethylene chloride	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
yrene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
etrachloroethene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
oluene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	4.	J	14.	U
otal Xylenes	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
ans-1,3-Dichloropropene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
ichloroethene	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
nyl chloride	UG/KG	11.	U	11.	U	12.	U	12.	U	12.	U	11.	UJ	14.	U
2-Dichloroethane	UG/KG														
enzene	UG/KG														
arbon tetrachloride	UG/KG														
hlorobenzene	UG/KG														
hloroform	UG/KG														
ethyl ethyl ketone	UG/KG														
etrachloroethene	UG/KG														
ichloroethene	UG/KG														
nyl chloride	UG/KG														
ERBICIDES															
4,5-TP/Silvex	UG/KG														
4-D	UG/KG														
EMI-VOLATILES															
2,4-Trichlorobenzene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	88.	UJ
2-Dichlorobenzene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	88.	UJ
3-Dichlorobenzene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	88.	UJ
4-Dichlorobenzene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	88.	UJ
4,5-Trichlorophenol	UG/KG	180.	U	170.	U	940.	U	200.	U	200.	U	170.	U	210.	U
4,6-Trichlorophenol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	88.	U
4-Dichlorophenol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	88.	U
4-Dimethylphenol	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	88.	UJ
4-Dinitrophenol	UG/KG	180.	UJ	170.	R	940.	R	200.	R	200.	R	170.	R	210.	R
4-Dinitrotoluene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	88.	UJ
6-Dinitrotoluene	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	UJ	72.	UJ	88.	UJ
Chloronaphthalene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	88.	UJ
Chlorophenol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	88.	U
Methylnaphthalene	UG/KG	76.	U	69.	U	36.	J	80.	UJ	80.	UJ	72.	UJ	88.	UJ
Methylphenol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	88.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340		71340	
	LOC ID:	MW12-38		MW12-39		MW12-37		SS12-15		SS12-17		SS12-68		SS12-20	
	SAMP_ID:	123206		123207		123210		123211		123212		123213		123214	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	3		1.5		0		0		0		0		0	
	SAMP. DEPTH BOT:	4		2.4		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Nov-98		1-Nov-98		1-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Nitroaniline	UG/KG	180.	U	170.	U	940.	U	200.	UJ	200.	U	170.	UJ	210.	UJ
Nitrophenol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
'-Dichlorobenzidine	UG/KG	76.	U	69.	UJ	390.	UJ	80.	UJ	80.	UJ	72.	UJ	86.	UJ
Nitroaniline	UG/KG	180.	UJ	170.	UJ	940.	UJ	200.	UJ	200.	UJ	170.	UJ	210.	UJ
-Dinitro-2-methylphenol	UG/KG	180.	UJ	170.	UJ	940.	UJ	200.	UJ	200.	UJ	170.	UJ	210.	UJ
Bromophenyl phenyl ether	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	UJ	72.	UJ	86.	UJ
Chloro-3-methylphenol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
Chloroaniline	UG/KG	76.	UJ	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
Chlorophenyl phenyl ether	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
Methylphenol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
Nitroaniline	UG/KG	180.	U	170.	UJ	940.	UJ	200.	UJ	200.	UJ	170.	UJ	210.	UJ
Nitrophenol	UG/KG	180.	U	170.	U	940.	U	200.	U	200.	U	170.	U	210.	U
enaphthene	UG/KG	76.	U	69.	U	280.	J	80.	UJ	80.	UJ	72.	UJ	86.	UJ
enaphthylene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
thracene	UG/KG	76.	U	69.	U	270.	J	80.	UJ	80.	UJ	72.	UJ	86.	UJ
nzo[a]anthracene	UG/KG	76.	U	69.	U	980.		80.	UJ	80.	UJ	5.6	J	8.	J
nzo[a]pyrene	UG/KG	76.	U	69.	U	890.		80.	UJ	80.	U	5.4	J	10.	J
nzo[b]fluoranthene	UG/KG	76.	U	69.	U	870.		4.2	J	80.	U	8.	J	13.	J
nzo[ghi]perylene	UG/KG	76.	U	69.	U	520.		80.	U	80.	U	5.	J	7.4	J
nzo[k]fluoranthene	UG/KG	76.	U	69.	U	900.		80.	U	80.	U	7.1	J	10.	J
(2-Chloroethoxy)methane	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
(2-Chloroethyl)ether	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
(2-Chloroisopropyl)ether	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
(2-Ethylhexyl)phthalate	UG/KG	76.	UJ	69.	UJ	390.	UJ	80.	UJ	10.	J	7.9	J	7.6	J
tylbenzylphthalate	UG/KG	76.	U	69.	UJ	390.	UJ	80.	UJ	80.	UJ	72.	UJ	86.	UJ
rbazole	UG/KG	76.	U	69.	UJ	260.	J	80.	UJ	80.	UJ	72.	UJ	86.	UJ
rysene	UG/KG	76.	U	69.	U	1,000.		80.	UJ	80.	UJ	12.	J	11.	J
n-butylphthalate	UG/KG	76.	U	69.	U	390.	U	7.2	J	6.	J	3.8	J	7.	J
n-octylphthalate	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
enz[a,h]anthracene	UG/KG	76.	UJ	69.	U	190.	J	80.	U	80.	U	72.	U	86.	U
enzofuran	UG/KG	76.	U	69.	U	110.	J	80.	UJ	80.	UJ	72.	UJ	86.	UJ
thyl phthalate	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
methylphthalate	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
oranthene	UG/KG	76.	U	69.	U	2,200.		80.	UJ	4.1	J	17.	J	19.	J
orene	UG/KG	76.	U	69.	U	190.	J	80.	U	80.	U	72.	U	86.	U
xachlorobenzene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
xachlorobutadiene	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	UJ	72.	UJ	86.	UJ
xachlorocyclopentadiene	UG/KG	76.	UJ	69.	U	390.	U	80.	UJ	80.	U	72.	U	86.	U
xachloroethane	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
leno[1,2,3-cd]pyrene	UG/KG	76.	U	69.	U	500.		80.	U	80.	UJ	3.8	J	7.3	J
phorone	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
Nitrosodiphenylamine	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
Nitrosodipropylamine	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
phthalene	UG/KG	76.	U	69.	U	100.	J	80.	UJ	80.	UJ	72.	UJ	86.	UJ
robenzene	UG/KG	76.	U	69.	U	390.	U	80.	UJ	80.	UJ	72.	UJ	86.	UJ
ntachlorophenol	UG/KG	180.	U	170.	U	940.	U	200.	U	200.	U	170.	U	210.	U
enanthrene	UG/KG	76.	U	69.	U	1,800.		80.	UJ	80.	U	14.	J	11.	J
enol	UG/KG	76.	U	69.	U	390.	U	80.	U	80.	U	72.	U	86.	U
rene	UG/KG	76.	U	69.	U	2,200.		80.	U	80.	U	13.	J	16.	J
STICIDES/PCBs															
'-DDD	UG/KG	3.7	U	3.5	U	3.9	U	4.	U	4.	U	3.6	U	4.4	U
'-DDE	UG/KG	3.7	U	3.5	U	3.1	J	4.	U	15.		2.3	J	4.4	U
'-DDT	UG/KG	3.7	U	3.5	U	3.5	J	4.	U	42.		3.6	U	4.4	U
drin	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	2.1	U	1.8	U	2.3	U
ha-BHC	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	2.1	U	1.8	U	2.3	U
ha-Chlordane	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	2.1	U	1.8	U	2.3	U
oclor-1016	UG/KG	37.	U	35.	U	39.	U	40.	U	40.	U	36.	U	44.	U
oclor-1221	UG/KG	75.	U	70.	U	79.	U	82.	U	82.	U	73.	U	89.	U
oclor-1232	UG/KG	37.	U	35.	U	39.	U	40.	U	40.	U	36.	U	44.	U
oclor-1242	UG/KG	37.	U	35.	U	39.	U	40.	U	40.	U	36.	U	44.	U
oclor-1248	UG/KG	37.	U	35.	U	39.	U	40.	U	40.	U	36.	U	44.	U
oclor-1254	UG/KG	37.	U	35.	U	39.	U	40.	U	670.	J	36.	U	44.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340		71340	
	LOC ID:	MW12-38		MW12-39		MW12-37		SS12-15		SS12-17		SS12-68		SS12-20	
	SAMP_ID:	123206		123207		123210		123211		123212		123213		123214	
	FIELD QC CODE:	SA		SA		DU		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	3		1.5		0		0		0		0		0	
	SAMP. DEPTH BOT:	4		2.4		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	1-Nov-98		1-Nov-98		1-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
roclor-1260	UG/KG	37.	U	35.	U	39.	U	40.	U	40.	U	36.	U	44.	U
eta-BHC	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	2.1	U	1.3	J	2.3	U
elta-BHC	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	2.1	U	1.8	U	2.3	U
ieldrin	UG/KG	3.7	U	3.5	U	3.9	U	4.	U	14.	J	3.6	U	4.4	U
ndosulfan I	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	1.8	N	1.8	U	2.3	U
ndosulfan II	UG/KG	3.7	U	3.5	U	3.9	U	4.	U	4.	U	3.6	U	4.4	U
ndosulfan sulfate	UG/KG	3.7	U	3.5	U	3.5	N	4.	U	4.	U	3.6	U	4.4	U
ndrin	UG/KG	3.7	U	3.5	U	3.9	U	4.	U	4.2	J	3.6	U	4.4	U
ndrin aldehyde	UG/KG	3.7	U	3.5	U	3.9	U	4.	U	5.6	J	3.6	U	4.4	U
ndrin ketone	UG/KG	3.7	U	3.5	U	3.9	U	4.	U	4.	U	3.6	U	4.4	U
amma-BHC/Lindane	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	2.1	U	1.8	U	2.3	U
amma-Chlordane	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	11.	J	1.8	U	2.3	U
eptachlor	UG/KG	1.9	U	1.8	U	2.	U	2.1	U	2.1	U	1.8	U	2.3	U
eptachlor epoxide	UG/KG	1.9	U	1.8	U	5.4	J	2.1	U	4.6	J	1.8	U	2.3	U
ethoxychlor	UG/KG	19.	U	18.	U	20.	U	21.	U	21.	U	18.	U	23.	U
oxaphene	UG/KG	190.	U	180.	U	200.	U	210.	U	210.	U	180.	U	230.	U
ndrin	MG/KG														
amma-BHC/Lindane	MG/KG														
eptachlor	MG/KG														
eptachlor epoxide	MG/KG														
ethoxychlor	MG/KG														
echnical chlordane	MG/KG														
oxaphene	MG/KG														
ETALS															
uminum	MG/KG	10,700.		9,350.		6,610.		10,200.		10,500.		8,820.		13,800.	
ntimony	MG/KG	1.1	UJ	1.1	UJ	.96	UJ	1.2	UJ	1.1	UJ	1.2	UJ	1.3	UJ
rsenic	MG/KG	2.7		2.8		2.6		3.5		2.8		4.1		3.8	
arium	MG/KG	76.7		37.8		40.4		67.5		70.8		24.3	J	100.	
eryllium	MG/KG	.54	J	.26	J	.23	J	.44	J	.4	J	.39	J	.63	J
admium	MG/KG	.05	U	.05	U	.05	U	.06	U	.05	U	.06	U	.06	U
alcium	MG/KG	20,000.		73,300.		34,200.		30,700.		23,600.		53,900.		4,600.	
hromium	MG/KG	19.		16.5		13.5		15.8		15.6		17.9		19.7	
obalt	MG/KG	10.2		10.7		6.5	J	9.1	J	10.7		11.9		10.9	
opper	MG/KG	26.3		17.6		15.6		22.3		21.4		35.4		21.9	
yanide	MG/KG	.55	U	.55	U	.64	U	.62	U	.6	U	.54	U	.69	U
on	MG/KG	24,000.	J	20,800.	J	14,000.	J	20,500.	J	19,900.	J	23,200.	J	23,200.	J
ead	MG/KG	14.2	J	5.7	J	24.8	J	13.2		13.6		31.		25.6	
agnesium	MG/KG	5,760.		18,100.		10,600.		7,330.		7,070.		6,210.		3,800.	
anganese	MG/KG	387.	J	612.	J	423.	J	555.	J	607.	J	316.	J	667.	J
ercury	MG/KG	.06	J	.05	U	.05	U	.06	U	.06	U	.05	U	.1	J
ckel	MG/KG	38.2		25.9		16.1		27.2		26.3		53.1		29.2	
otassium	MG/KG	635.	J	1,320.		627.	J	1,210.		1,260.		1,080.		1,380.	
elenium	MG/KG	.82	U	.81	U	.72	U	.89	U	.82	U	.9	U	.96	U
lver	MG/KG	.21	U	.21	U	.19	U	.23	U	.21	U	.25	J	.25	U
odium	MG/KG	201.	J	399.	J	39.6	U	48.5	U	44.8	U	55.8	J	52.5	U
hallium	MG/KG	.93	J	.92	U	.82	U	1.2	J	1.4	J	1.	U	1.8	J
anadium	MG/KG	16.8		14.5		11.4		18.3		18.1		15.6		23.1	
nc	MG/KG	60.7	J	48.6	J	56.9	J	54.3	J	58.	J	76.3	J	81.2	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340	
	LOC ID:	SS12-21		SS12-22		SS12-23		SS12-24		SS12-25		SS12-26	
	SAMP_ID:	123215		123216		123217		123218		123219		123220	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES													
,1-Trichloroethane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
,2,2-Tetrachloroethane	UG/KG	13.	U	12.	U	14.	UJ	12.	UJ	12.	U	13.	U
,2-Trichloroethane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
-Dichloroethane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
-Dichloroethene	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
-Dichloroethane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
-Dichloroethene (total)	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
-Dichloropropane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
etone	UG/KG	13.	UJ	12.	UJ	14.	UJ	12.	UJ	7.	J	11.	J
nzene	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
omodichloromethane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
omoform	UG/KG	13.	U	12.	U	14.	UJ	12.	UJ	12.	U	13.	U
rbon disulfide	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
rbon tetrachloride	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
lorobenzene	UG/KG	13.	U	12.	U	14.	UJ	12.	UJ	12.	U	13.	U
lorodibromomethane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
loroethane	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
loroform	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
-1,3-Dichloropropene	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
yl benzene	UG/KG	13.	U	12.	U	14.	UJ	12.	UJ	12.	U	13.	U
thyl bromide	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
thyl butyl ketone	UG/KG	13.	UJ	12.	UJ	14.	UJ	12.	UJ	12.	UJ	13.	UJ
thyl chloride	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
thyl ethyl ketone	UG/KG	13.	UJ	12.	UJ	14.	UJ	12.	UJ	12.	UJ	13.	UJ
thyl isobutyl ketone	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
thylene chloride	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
rene	UG/KG	13.	U	12.	U	14.	UJ	12.	UJ	12.	U	13.	U
trachloroethene	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
luene	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
tal Xylenes	UG/KG	13.	U	12.	U	14.	UJ	12.	UJ	12.	U	13.	U
ns-1,3-Dichloropropene	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
chloroethene	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
yl chloride	UG/KG	13.	U	12.	U	14.	U	12.	U	12.	U	13.	U
-Dichloroethane	UG/KG												
nzene	UG/KG												
rbon tetrachloride	UG/KG												
lorobenzene	UG/KG												
loroform	UG/KG												
thyl ethyl ketone	UG/KG												
trachloroethene	UG/KG												
chloroethene	UG/KG												
yl chloride	UG/KG												
RBICIDES													
,5-TP/Silvex	UG/KG												
-D	UG/KG												
MI-VOLATILES													
,4-Trichlorobenzene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
-Dichlorobenzene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
-Dichlorobenzene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
-Dichlorobenzene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
,5-Trichlorophenol	UG/KG	210.	U	200.	U	210.	U	190.	U	210.	U	200.	U
,6-Trichlorophenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
-Dichlorophenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
-Dimethylphenol	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
-Dinitrophenol	UG/KG	210.	R	200.	R	210.	R	190.	R	210.	R	200.	R
-Dinitrotoluene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
-Dinitrotoluene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Chloronaphthalene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Chlorophenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Methylnaphthalene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Methylphenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71340		71340		71340		71340		71340		71340	
	LOC ID:	SS12-21		SS12-22		SS12-23		SS12-24		SS12-25		SS12-26	
	SAMP_ID:	123215		123216		123217		123218		123219		123220	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
2-Nitroaniline	UG/KG	210.	UJ	200.	UJ	210.	UJ	190.	UJ	210.	UJ	200.	UJ
2-Nitrophenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
3,3'-Dichlorobenzidine	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
3-Nitroaniline	UG/KG	210.	UJ	200.	UJ	210.	UJ	190.	UJ	210.	UJ	200.	U
4,6-Dinitro-2-methylphenol	UG/KG	210.	UJ	200.	UJ	210.	UJ	190.	UJ	210.	UJ	200.	UJ
4-Bromophenyl phenyl ether	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
4-Chloro-3-methylphenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
4-Chloroaniline	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
4-Chlorophenyl phenyl ether	UG/KG	88.	U	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
4-Methylphenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
4-Nitroaniline	UG/KG	210.	UJ	200.	UJ	210.	UJ	190.	UJ	210.	UJ	200.	UJ
4-Nitrophenol	UG/KG	210.	U	200.	U	210.	U	190.	U	210.	U	200.	U
Acenaphthene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Acenaphthylene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Anthracene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Benzo[a]anthracene	UG/KG	7.6	J	81.	UJ	10.	J	78.	UJ	4.4	J	6.5	J
Benzo[a]pyrene	UG/KG	9.6	J	81.	UJ	14.	J	78.	UJ	5.6	J	8.2	J
Benzo[b]fluoranthene	UG/KG	11.	J	4.5	J	20.	J	4.	J	6.3	J	12.	J
Benzo[ghi]perylene	UG/KG	8.3	J	81.	U	12.	J	78.	U	87.	U	5.7	J
Benzo[k]fluoranthene	UG/KG	10.	J	81.	U	14.	J	78.	U	7.4	J	9.4	J
Bis(2-Chloroethoxy)methane	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	U
Bis(2-Chloroethyl)ether	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Bis(2-Chloroisopropyl)ether	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Bis(2-Ethylhexyl)phthalate	UG/KG	7.1	J	81.	UJ	9.1	J	78.	UJ	87.	UJ	17.	J
Butylbenzylphthalate	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Carbazole	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Chrysene	UG/KG	11.	J	81.	UJ	17.	J	78.	UJ	6.7	J	11.	J
Di-n-butylphthalate	UG/KG	6.7	J	5.5	J	7.5	J	6.	J	4.6	J	7.9	J
Di-n-octylphthalate	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Dibenz[a,h]anthracene	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Dibenzofuran	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Diethyl phthalate	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Dimethylphthalate	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Fluoranthene	UG/KG	19.	J	5.8	J	30.	J	4.5	J	12.	J	16.	J
Fluorene	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Hexachlorobenzene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Hexachlorobutadiene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Hexachlorocyclopentadiene	UG/KG	88.	U	81.	U	88.	UJ	78.	U	87.	U	85.	U
Hexachloroethane	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Indeno[1,2,3-cd]pyrene	UG/KG	9.2	J	81.	U	10.	J	78.	U	4.5	J	6.	J
Isophorone	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
N-Nitrosodiphenylamine	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
N-Nitrosodipropylamine	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Naphthalene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Nitrobenzene	UG/KG	88.	UJ	81.	UJ	88.	UJ	78.	UJ	87.	UJ	85.	UJ
Pentachlorophenol	UG/KG	210.	U	200.	U	210.	U	190.	U	210.	U	200.	U
Phenanthrene	UG/KG	9.6	J	81.	U	15.	J	78.	U	6.	J	7.8	J
Phenol	UG/KG	88.	U	81.	U	88.	U	78.	U	87.	U	85.	U
Pyrene	UG/KG	15.	J	5.4	J	22.	J	78.	U	8.8	J	13.	J
PESTICIDES/PCBs													
4,4'-DDD	UG/KG	4.4	U	4.1	U	4.4	U	3.9	U	2.8	J	4.3	UJ
4,4'-DDE	UG/KG	4.4	U	4.1	U	4.4	U	3.9	U	4.3	U	4.3	UJ
4,4'-DDT	UG/KG	4.4	U	4.1	U	4.4	U	3.9	U	4.3	U	4.3	UJ
Aldrin	UG/KG	2.3	U	2.1	U	2.3	U	2.	U	2.2	U	2.2	UJ
Alpha-BHC	UG/KG	2.3	U	2.1	U	2.3	U	2.	U	2.2	U	2.2	UJ
Alpha-Chlordane	UG/KG	2.3	U	2.1	U	2.3	U	2.	U	2.2	U	2.2	UJ
Aroclor-1016	UG/KG	44.	U	41.	U	44.	U	39.	U	43.	U	43.	UJ
Aroclor-1221	UG/KG	89.	U	83.	U	89.	U	79.	U	88.	U	88.	UJ
Aroclor-1232	UG/KG	44.	U	41.	U	44.	U	39.	U	43.	U	43.	UJ
Aroclor-1242	UG/KG	44.	U	41.	U	44.	U	39.	U	43.	U	43.	UJ
Aroclor-1248	UG/KG	44.	U	41.	U	44.	U	39.	U	43.	U	43.	UJ
Aroclor-1254	UG/KG	44.	U	41.	U	44.	U	39.	U	43.	U	43.	UJ

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PHASE 2 - VALIDATED DATA
SDG 71340

	STUDY ID	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG	71340		71340		71340		71340		71340		71340	
	LOC ID	SS12-21		SS12 22		SS12-23		SS12-24		SS12-25		SS12-26	
	SAMP_ID	123215		123216		123217		123218		123219		123220	
	FIELD QC CODE	SA		SA		SA		SA		SA		SA	
	SAMP DEPTH TOP	0		0		0		0		0		0	
	SAMP DEPTH BOT	0 2		0 2		0 2		0 2		0 2		0.2	
	MATRIX	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP DATE	3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98		3-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
oclor-1260	UG/KG	44	U	41	U	44	U	39	U	43	U	43	UJ
ta-BHC	UG/KG	2.3	U	2 1	U	2 3	U	2	U	2 2	U	2 2	UJ
lta-BHC	UG/KG	2.3	U	2 1	U	2 3	U	2	U	2 2	U	2 2	UJ
eldrin	UG/KG	4 4	U	4 1	U	4 4	U	3 9	U	4 3	U	4 3	UJ
dosulfan I	UG/KG	2 3	U	2 1	U	2 3	U	2	U	2 2	U	2 2	UJ
dosulfan II	UG/KG	4 4	U	4 1	U	4 4	U	3 9	U	4 3	U	4 3	UJ
dosulfan sulfate	UG/KG	4 4	U	4 1	U	4 4	U	3 9	U	4 3	U	4 3	UJ
drin	UG/KG	4 4	U	4 1	U	4 4	U	3 9	U	3	J	4 3	UJ
drin aldehyde	UG/KG	4 4	U	4 1	U	4 4	U	3 9	U	4 3	U	4 3	UJ
drin ketone	UG/KG	4 4	U	4 1	U	4 4	U	3 9	U	4 3	U	4 3	UJ
mma-BHC/Lindane	UG/KG	2 3	U	2 1	U	2 3	U	2	U	2 2	U	2 2	UJ
mma-Chlordane	UG/KG	2 3	U	2 1	U	2 3	U	2	U	2 2	U	2 2	UJ
ptachlor	UG/KG	2 3	U	2 1	U	2 3	U	2	U	2 2	U	2 2	UJ
ptachlor epoxide	UG/KG	2 3	U	2 1	U	2 3	U	2	U	2 2	U	2 2	UJ
thoxychlor	UG/KG	23	U	21	U	23	U	20	U	22	U	22	UJ
xaphene	UG/KG	230	U	210	U	230	U	200	U	220	U	220	UJ
drin	MG/KG												
mma-BHC/Lindane	MG/KG												
ptachlor	MG/KG												
ptachlor epoxide	MG/KG												
thoxychlor	MG/KG												
chnical chlordane	MG/KG												
xaphene	MG/KG												
ETALS													
uminum	MG/KG	13,800		12,200		14,500		12,600		11,300		13,800	
timony	MG/KG	1.3	UJ	1.1	UJ	1.2	UJ	1	UJ	1.3	UJ	1.6	UJ
senic	MG/KG	3.3		3.		2.		3.1		4		3.7	
rium	MG/KG	106		50.5		145		75.2		83.		88.8	
ryllium	MG/KG	.65	J	5	J	.84	J	58	J	.5	J	.59	J
dmium	MG/KG	.06	U	.06	U	06	U	.05	U	07	U	.08	U
lcium	MG/KG	4,880		3,170		6,120		2,960		3,200		2,720	
romium	MG/KG	19.2		18 4		19 6		19.8		18.		19 2	
balt	MG/KG	9.9	J	10.		8.2	J	12.4		11.1		9.7	J
pper	MG/KG	20.7		22.1		29		23.1		26.7		18.6	
anide	MG/KG	.65	U	.62	U	.68	U	6	U	.67	U	.68	U
n	MG/KG	22,800	J	23,500	J	20,400	J	23,200	J	22,600	J	23,900	J
ad	MG/KG	24.8		20.3		23.7		16.1	J	22.9	J	26.8	J
gnesium	MG/KG	4,120		3,990		4,160		4,320		3,790		3,490	
nganese	MG/KG	456	J	333	J	220	J	420	J	659	J	623	J
rcury	MG/KG	06	U	.06	J	07	J	.06	U	07	J	.1	J
ckel	MG/KG	25.7		28.1		26.8		32.5		33.6		21.5	
tassium	MG/KG	1,940		1,200		1,780		1,270		1,670		1,220	J
lenium	MG/KG	.98	U	.86	U	.89	U	78	UJ	1	UJ	1 2	UJ
ver	MG/KG	25	U	.23	U	.23	U	2	U	.26	U	31	U
dium	MG/KG	53 5	U	47 3	U	70 5	J	42 5	U	55.	U	65 7	U
allium	MG/KG	1.1	J	.98	U	1.	U	1 5	J	1.3	J	1 4	U
nadium	MG/KG	25.		20.4		23.9		20 5		20.		24 9	
c	MG/KG	79.2	J	72.9	J	74.3	J	58 4	J	82.4	J	59 2	J

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PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430		71430		71430		71430	
	LOC ID:	SS12-27		SS12-27		SS12-28		SS12-29		SS12-30		SS12-31		SS12-32	
	SAMP_ID:	123223		123224		123225		123226		123227		123228		123229	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	4-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES															
I-Trichloroethane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
2,2-Tetrachloroethane	UG/KG	15.	UJ	13.	U	13.	U	17.	UJ	14.	U	12.	U	14.	U
2-Trichloroethane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
Dichloroethane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
Dichloroethene	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
Dichloroethane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
Dichloroethene (total)	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
Dichloropropane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
tone	UG/KG	15.	UJ	13.	UJ	13.	UJ	17.	UJ	14.	UJ	12.	UJ	14.	UJ
zene	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
nodichloromethane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
moform	UG/KG	15.	UJ	13.	U	13.	U	17.	UJ	14.	U	12.	U	14.	U
bon disulfide	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
bon tetrachloride	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
robenzene	UG/KG	15.	UJ	13.	U	13.	U	17.	UJ	14.	U	12.	U	14.	U
rodibromomethane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
roethane	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
roform	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
1,3-Dichloropropene	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
l benzene	UG/KG	15.	UJ	13.	U	13.	U	17.	UJ	14.	U	12.	U	14.	U
hyl bromide	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
hyl butyl ketone	UG/KG	15.	UJ	13.	UJ	13.	UJ	17.	UJ	14.	UJ	12.	UJ	14.	UJ
hyl chloride	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
hyl ethyl ketone	UG/KG	15.	UJ	13.	UJ	13.	UJ	17.	UJ	14.	UJ	12.	UJ	14.	UJ
hyl isobutyl ketone	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
hylene chloride	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
ene	UG/KG	15.	UJ	13.	U	13.	U	17.	UJ	14.	U	12.	U	14.	U
achloroethene	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
ene	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
l Xylenes	UG/KG	15.	UJ	13.	U	13.	U	17.	UJ	14.	U	12.	U	14.	U
s-1,3-Dichloropropene	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
hloroethene	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
l chloride	UG/KG	15.	U	13.	U	13.	U	17.	U	14.	U	12.	U	14.	U
MI-VOLATILES															
4-Trichlorobenzene	UG/KG	96.	U	190.	U	6.5	R	92.	U	81.	U	80.	U	88.	U
Dichlorobenzene	UG/KG	96.	U	190.	U	80.	R	92.	U	81.	U	80.	U	88.	U
Dichlorobenzene	UG/KG	96.	U	190.	U	80.	R	92.	U	81.	U	80.	U	88.	U
Dichlorobenzene	UG/KG	96.	U	190.	U	80.	R	92.	U	81.	U	80.	U	88.	U
5-Trichlorophenol	UG/KG	230.	U	460.	U	200.	R	220.	U	200.	U	200.	U	210.	U
6-Trichlorophenol	UG/KG	96.	U	190.	U	80.	R	92.	U	81.	U	80.	U	88.	U
Dichlorophenol	UG/KG	96.	U	190.	U	14.	R	92.	U	81.	U	80.	U	88.	U
Dimethylphenol	UG/KG	96.	U	190.	U	80.	R	92.	R	81.	R	80.	R	88.	UJ
Dinitrophenol	UG/KG	230.	U	460.	UJ	200.	R	220.	U	200.	U	200.	U	210.	U
Dinitrotoluene	UG/KG	96.	U	190.	U	15.	R	92.	U	81.	U	80.	U	88.	U
Dinitrotoluene	UG/KG	96.	U	190.	U	16.	R	92.	U	81.	U	80.	U	88.	U
hloronaphthalene	UG/KG	96.	U	190.	U	12.	R	92.	U	81.	U	80.	U	88.	U
hlorophenol	UG/KG	96.	U	190.	U	80.	R	92.	U	81.	U	80.	U	88.	U
ethylnaphthalene	UG/KG	6.8	J	11.	J	13.	R	11.	J	81.	U	80.	U	88.	U
ethylphenol	UG/KG	96.	U	190.	U	8.8	R	92.	U	81.	U	80.	U	88.	U
troaniline	UG/KG	230.	U	460.	U	9.5	R	220.	U	200.	U	200.	U	210.	U
trophenol	UG/KG	96.	U	190.	U	10.	R	92.	U	81.	U	80.	U	88.	U
-Dichlorobenzidine	UG/KG	96.	UJ	190.	U	80.	R	92.	U	81.	U	80.	U	88.	U
troaniline	UG/KG	230.	UJ	460.	UJ	200.	R	220.	U	200.	U	200.	U	210.	U
Dinitro-2-methylphenol	UG/KG	230.	U	460.	UJ	17.	R	220.	U	200.	U	200.	U	210.	U
romophenyl phenyl ether	UG/KG	96.	U	190.	U	16.	R	92.	U	81.	U	80.	U	88.	U
hloro-3-methylphenol	UG/KG	96.	U	190.	U	18.	R	92.	U	81.	U	80.	U	88.	U

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PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430		71430		71430		71430	
	LOC ID:	SS12-27		SS12-27		SS12-28		SS12-29		SS12-30		SS12-31		SS12-32	
	SAMP_ID:	123223		123224		123225		123226		123227		123228		123229	
	FIELD QC CODE:	SA		DU		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	4-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/KG	96.	U	190.	UJ	80.	R	92.	U	81.	U	80.	U	88.	U
Chlorophenyl phenyl ether	UG/KG	96.	U	190.	U	14.	R	92.	U	81.	U	80.	U	88.	U
Methylphenol	UG/KG	96.	U	190.	U	17.	R	92.	U	81.	U	80.	U	88.	U
Nitroaniline	UG/KG	230.	UJ	460.	UJ	200.	R	220.	UJ	200.	UJ	200.	UJ	210.	U
Nitrophenol	UG/KG	230.	U	460.	U	200.	R	220.	UJ	200.	UJ	200.	UJ	210.	U
cenaphthene	UG/KG	8.6	J	13.	J	16.	R	92.	U	81.	U	80.	U	88.	U
cenaphthylene	UG/KG	9.5	J	22.	J	15.	R	92.	U	81.	U	80.	U	88.	U
nthracene	UG/KG	28.	J	38.	J	16.	R	92.	U	81.	U	80.	U	88.	U
enzo[a]anthracene	UG/KG	260.	J	520.	UJ	24.	J	6.3	J	8.	J	80.	U	7.5	J
enzo[a]pyrene	UG/KG	380.	J	830.	J	22.	J	18.	J	8.2	J	80.	U	8.7	J
enzo[b]fluoranthene	UG/KG	470.	J	1,000.	J	26.	J	12.	J	9.8	J	5.4	J	9.8	J
enzo[ghi]perylene	UG/KG	230.	J	550.	J	27.	R	37.	J	7.3	J	80.	U	12.	J
enzo[k]fluoranthene	UG/KG	420.	J	970.	J	26.	R	10.	J	10.	J	5.1	J	13.	J
s(2-Chloroethoxy)methane	UG/KG	96.	U	190.	U	15.	R	92.	U	81.	U	80.	U	88.	U
s(2-Chloroethyl)ether	UG/KG	96.	U	190.	U	11.	R	92.	U	81.	U	80.	U	88.	U
s(2-Chloroisopropyl)ether	UG/KG	96.	U	190.	U	14.	R	92.	U	81.	U	80.	U	88.	U
s(2-Ethylhexyl)phthalate	UG/KG	96.	U	190.	UJ	80.	UJ	92.	UJ	81.	UJ	80.	UJ	88.	U
utylbenzylphthalate	UG/KG	96.	U	190.	U	19.	R	92.	UJ	81.	UJ	80.	UJ	88.	U
arbazole	UG/KG	54.	J	50.	J	34.	R	92.	U	81.	U	80.	U	88.	U
hrysene	UG/KG	370.	J	760.	J	26.	J	13.	J	11.	J	6.3	J	12.	J
i-n-butylphthalate	UG/KG	96.	U	190.	U	24.	R	4.8	J	81.	U	80.	U	6.1	J
i-n-octylphthalate	UG/KG	96.	U	190.	U	19.	R	92.	UJ	81.	UJ	80.	U	88.	U
ibenz[a,h]anthracene	UG/KG	80.	J	220.	J	24.	R	92.	U	81.	U	80.	UJ	88.	U
ibenzofuran	UG/KG	8.4	J	13.	J	15.	R	92.	U	81.	U	80.	U	88.	U
iethyl phthalate	UG/KG	96.	U	190.	U	19.	R	92.	U	81.	U	80.	U	88.	U
imethylphthalate	UG/KG	96.	U	190.	U	18.	R	92.	U	81.	U	80.	U	88.	U
luoranthene	UG/KG	720.	J	1,300.	J	31.	J	15.	J	19.	J	9.7	J	20.	J
luorene	UG/KG	11.	J	19.	J	16.	R	92.	U	81.	U	80.	U	88.	U
exachlorobenzene	UG/KG	96.	U	190.	U	16.	R	92.	U	81.	U	80.	U	88.	U
exachlorobutadiene	UG/KG	96.	U	190.	U	9.4	R	92.	U	81.	U	80.	U	88.	U
exachlorocyclopentadiene	UG/KG	96.	U	190.	UJ	21.	R	92.	U	81.	U	80.	U	88.	U
exachloroethane	UG/KG	96.	U	190.	U	5.6	R	92.	U	81.	U	80.	U	88.	U
deno[1,2,3-cd]pyrene	UG/KG	230.	J	590.	J	27.	R	12.	J	6.8	J	80.	U	8.1	J
ophorone	UG/KG	96.	J	190.	UJ	18.	R	92.	U	81.	U	80.	U	88.	U
-Nitrosodiphenylamine	UG/KG	96.	U	190.	U	8.6	R	92.	U	81.	U	80.	U	88.	U
-Nitrosodipropylamine	UG/KG	96.	U	190.	U	8.6	R	92.	U	81.	U	80.	U	88.	U
aphthalene	UG/KG	5.5	J	190.	U	12.	R	7.3	J	81.	U	80.	U	88.	U
itrobenzene	UG/KG	96.	U	190.	U	9.5	R	92.	U	81.	U	80.	U	88.	U
entachlorophenol	UG/KG	230.	UJ	460.	UJ	15.	R	220.	U	200.	U	200.	U	210.	U
henanthrene	UG/KG	220.		320.		24.	J	13.	J	11.	J	5.2	J	10.	J
henol	UG/KG	5.4	J	190.	U	23.	J	38.	J	81.	U	80.	U	17.	J
yrene	UG/KG	520.	J	980.	J	28.	J	15.	J	16.	J	7.4	J	16.	J
ESTICIDES/PCBs															
4'-DDD	UG/KG	4.8	U	4.7	U	4.	U	51.		4.1	U	4.	U	4.4	U
4'-DDE	UG/KG	4.8	U	4.7	U	4.	U	4.6	U	4.1	U	4.	U	4.4	U
4'-DDT	UG/KG	4.8	U	4.7	U	4.	U	4.6	U	4.1	U	4.	U	4.4	U
ldrin	UG/KG	2.5	U	2.4	U	2.1	U	2.4	U	2.1	U	2.1	U	2.3	U
lpha-BHC	UG/KG	2.5	U	2.4	U	2.1	U	2.4	U	2.1	U	2.1	U	2.3	U
lpha-Chlordane	UG/KG	2.5	U	2.4	U	2.1	U	2.8		2.1	U	2.1	U	2.3	U
roclor-1016	UG/KG	48.	U	47.	U	40.	U	46.	U	41.	U	40.	U	44.	U
roclor-1221	UG/KG	97.	U	96.	U	82.	U	93.	U	83.	U	81.	U	89.	U
roclor-1232	UG/KG	48.	U	47.	U	40.	U	46.	U	41.	U	40.	U	44.	U
roclor-1242	UG/KG	48.	U	47.	U	40.	U	46.	U	41.	U	40.	U	44.	U
roclor-1248	UG/KG	48.	U	47.	U	40.	U	46.	U	41.	U	40.	U	44.	U
roclor-1254	UG/KG	48.	U	47.	U	40.	U	46.	U	41.	U	40.	U	44.	U
roclor-1260	UG/KG	48.	U	47.	U	40.	U	46.	U	41.	U	40.	U	44.	U
eta-BHC	UG/KG	2.5	U	2.4	U	2.1	U	2.4	U	2.1	U	2.1	U	2.3	U

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PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430		71430		71430		71430	
	LOC ID:	SS12-27		SS12-27		SS12-28		SS12-29		SS12-30		SS12-31		SS12-32	
	SAMP_ID:	123223		123224		123225		123226		123227		123228		123229	
	FIELD QC CODE.	SA		DU		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	4-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ta-BHC	UG/KG	2.5	U	2.4	U	2.1	U	2.4	U	2.1	U	2.1	U	2.3	U
ldrin	UG/KG	4.8	U	4.7	U	4.	U	3.2	J	4.1	U	4.	U	4.4	U
dosulfan I	UG/KG	2.5	U	2.4	U	2.1	U	1.9	J	2.1	U	2.1	U	2.3	U
dosulfan II	UG/KG	4.8	U	4.7	U	4.	U	4.6	U	4.1	U	4.	U	4.4	U
dosulfan sulfate	UG/KG	5.6	J	5.4	J	4.	U	4.6	U	4.1	U	4.	U	4.4	U
drin	UG/KG	4.8	U	4.7	U	4.	U	5.8	J	4.1	U	4.	U	4.4	U
drin aldehyde	UG/KG	4.8	U	4.7	U	4.	U	4.6	U	4.1	U	4.	U	4.4	U
drin ketone	UG/KG	4.8	U	4.7	U	4.	U	4.6	U	4.1	U	4.	U	4.4	U
mma-BHC/Lindane	UG/KG	2.5	U	2.4	U	2.1	U	2.4	U	2.1	U	2.1	U	2.3	U
mma-Chlordane	UG/KG	2.5	U	2.4	U	2.1	U	1.5	J	2.1	U	2.1	U	2.3	U
otachlor	UG/KG	2.5	U	2.4	U	2.1	U	2.4	U	2.1	U	2.1	U	2.3	U
otachlor epoxide	UG/KG	2.5	U	2.4	U	2.1	U	2.4	U	2.1	U	2.1	U	2.3	U
thoxychlor	UG/KG	25.	U	24.	U	21.	U	24.	U	21.	U	21.	U	23.	U
xaphene	UG/KG	250.	U	240.	U	210.	U	240.	U	210.	U	210.	U	230.	U
TALS															
minum	MG/KG	11,800.	J	11,200.		15,800.		14,900.		16,300.		11,000.		14,000.	
imony	MG/KG	1.7	UJ	1.5	UJ	1.4	J	1.6	J	1.4	UJ	1.3	UJ	1.6	U
enic	MG/KG	4.5		3.8		4.3		4.		6.2		5.2		3.7	
ium	MG/KG	66.4		69.7		93.7		107.		104.		66.3		111.	
yllium	MG/KG	.44	J	.44	J	.57	J	.64	J	.47	J	.5	J	.66	J
dmium	MG/KG	.08	U	.07	U	.07	U	.08	U	.07	U	.06	U	.08	U
cium	MG/KG	57,400.		51,500.		16,800.		4,810.		2,060.		15,500.		3,100.	
romium	MG/KG	20.4		19.9		25.1		19.1		20.6		18.9		21.1	
balt	MG/KG	12.7	J	13.5		13.		7.1	J	13.1		11.6		10.1	J
pper	MG/KG	27.		28.3		25.2		18.4		15.9		30.2		20.3	
anide	MG/KG	.8	UJ	.77	UJ	.63	UJ	.77	UJ	1.4	J	.66	UJ	.68	U
n	MG/KG	22,500.	J	24,200.	J	28,800.		20,400.		26,600.		24,500.		25,000.	
d	MG/KG	18.1	J	20.6		15.4		21.4		19.9		20.		21.4	
gnesium	MG/KG	7,720.		7,510.		7,180.		3,400.		3,460.		6,580.		4,050.	
nganese	MG/KG	630.		657.		567.		420.		1,010.		463.		446.	
rcury	MG/KG	.16	J	.08	J	.05	J	.1	J	.07	J	.06	UJ	.07	U
kel	MG/KG	36.6	J	37.5	J	39.2	J	21.	J	19.	J	35.5	J	25.5	J
assium	MG/KG	2,080.		1,540.		2,420.		1,940.		1,510.		1,240.		1,350.	
enium	MG/KG	.63	J	1.4		1.1	U	1.2	U	1.1	U	.99	U	1.2	U
ver	MG/KG	.33	U	.29	U	.28	U	.32	U	.27	U	.26	U	.31	U
dium	MG/KG	116.	J	60.8	U	72.1	J	67.4	U	57.7	U	54.3	U	65.4	U
llium	MG/KG	2.1	J	1.3	U	1.2	U	1.4	U	1.2	U	1.1	U	1.3	U
nadium	MG/KG	21.6		21.		24.1		24.2		29.9		19.		22.	
c	MG/KG	107.		107.		94.4		88.		66.3		81.2		66.3	

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PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430		71430		71430		71430	
	LOC ID:	SS12-33		SS12-34		SS12-35		SS12-36		SS12-37		SS12-39		SS12-42	
	SAMP_ID:	123230		123231		123232		123233		123234		123236		123239	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		9-Nov-98		10-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES															
,1-Trichloroethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
,2,2-Tetrachloroethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	UJ	12.	U
,2-Trichloroethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
-Dichloroethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
-Dichloroethene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
-Dichloroethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
-Dichloroethene (total)	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
-Dichloropropane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
etone	UG/KG	14.	UJ	15.	J	12.	UJ	13.	UJ	15.	UJ	14.	UJ	12.	U
nzene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
omodichloromethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
omoform	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
rbon disulfide	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
rbon tetrachloride	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
lorobenzene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
lorodibromomethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
loroethane	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
loroform	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
s-1,3-Dichloropropene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
hyl benzene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
thyl bromide	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
thyl butyl ketone	UG/KG	14.	UJ	13.	UJ	12.	UJ	13.	UJ	15.	UJ	14.	UJ	12.	U
thyl chloride	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
thyl ethyl ketone	UG/KG	14.	UJ	13.	UJ	12.	UJ	13.	UJ	15.	UJ	14.	UJ	12.	U
thyl isobutyl ketone	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
thylene chloride	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
yrene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
trachloroethene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
luene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
tal Xylenes	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
ans-1,3-Dichloropropene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
chloroethene	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
yl chloride	UG/KG	14.	U	13.	U	12.	U	13.	U	15.	U	14.	U	12.	U
EMI-VOLATILES															
,4-Trichlorobenzene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
-Dichlorobenzene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
-Dichlorobenzene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
-Dichlorobenzene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
,5-Trichlorophenol	UG/KG	210.	U	220.	U	230.	U	210.	U	250.	U	210.	U	200.	U
,6-Trichlorophenol	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
-Dichlorophenol	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
-Dimethylphenol	UG/KG	87.	R	90.	R	94.	R	86.	R	100.	R	87.	R	80.	R
-Dinitrophenol	UG/KG	210.	U	220.	U	230.	U	210.	U	250.	U	210.	U	200.	U
-Dinitrotoluene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
-Dinitrotoluene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
Chloronaphthalene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
Chlorophenol	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
Methylnaphthalene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
Methylphenol	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
Nitroaniline	UG/KG	210.	U	220.	U	230.	U	210.	U	250.	U	210.	U	200.	U
Nitrophenol	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
'-Dichlorobenzidine	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
Nitroaniline	UG/KG	210.	U	220.	U	230.	U	210.	U	250.	U	210.	U	200.	U
-Dinitro-2-methylphenol	UG/KG	210.	U	220.	U	230.	U	210.	U	250.	U	210.	U	200.	U
Bromophenyl phenyl ether	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
Chloro-3-methylphenol	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U

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PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430		71430		71430		71430	
	LOC ID:	SS12-33		SS12-34		SS12-35		SS12-36		SS12-37		SS12-39		SS12-42	
	SAMP_ID:	123230		123231		123232		123233		123234		123236		123239	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		9-Nov-98		10-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
hloroaniline	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
hlorophenyl phenyl ether	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
lethylphenol	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
itroaniline	UG/KG	210.	UJ	220.	UJ	230.	UJ	210.	UJ	250.	UJ	210.	UJ	200.	U
itrophenol	UG/KG	210.	UJ	220.	UJ	230.	UJ	210.	UJ	250.	UJ	210.	UJ	200.	U
enaphthene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
enaphthylene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
hracene	UG/KG	4.4	J	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
nzo[a]anthracene	UG/KG	14.	J	6.6	J	5.9	J	86.	U	7.4	J	7.4	J	80.	U
nzo[a]pyrene	UG/KG	13.	J	8.	J	8.	J	4.8	J	12.	J	9.4	J	80.	U
nzo[b]fluoranthene	UG/KG	15.	J	8.9	J	8.	J	6.3	J	10.	J	9.9	J	80.	U
nzo[ghi]perylene	UG/KG	10.	J	90.	U	19.	J	86.	U	30.	J	18.	J	9.5	J
nzo[k]fluoranthene	UG/KG	15.	J	8.3	J	8.6	J	5.9	J	11.	J	9.	J	80.	U
(2-Chloroethoxy)methane	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
(2-Chloroethyl)ether	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
(2-Chloroisopropyl)ether	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
(2-Ethylhexyl)phthalate	UG/KG	87.	UJ	90.	UJ	94.	UJ	95.	J	100.	UJ	87.	UJ	80.	U
ylbenzylphthalate	UG/KG	87.	UJ	90.	UJ	94.	UJ	86.	UJ	100.	UJ	87.	UJ	80.	U
bazole	UG/KG	5.8	J	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
ysene	UG/KG	17.	J	9.4	J	8.3	J	5.8	J	11.	J	10.	J	4.6	J
n-butylphthalate	UG/KG	4.4	J	6.1	J	94.	U	86.	U	6.7	J	4.6	J	5.4	J
n-octylphthalate	UG/KG	87.	UJ	90.	UJ	94.	UJ	86.	UJ	100.	UJ	87.	UJ	80.	U
enz[a,h]anthracene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
enzofuran	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
thyl phthalate	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
ethylphthalate	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
oranthene	UG/KG	35.	J	16.	J	14.	J	9.9	J	18.	J	19.	J	7.	J
orene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
achlorobenzene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
achlorobutadiene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
achlorocyclopentadiene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
achloroethane	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
eno[1,2,3-cd]pyrene	UG/KG	11.	J	90.	U	6.	J	86.	U	9.2	J	6.8	J	80.	U
phorone	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
itrosodiphenylamine	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
itrosodipropylamine	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
phthalene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
obenzene	UG/KG	87.	U	90.	U	94.	U	86.	U	100.	U	87.	U	80.	U
ntachlorophenol	UG/KG	210.	U	220.	U	230.	U	210.	U	250.	U	210.	U	200.	U
enanthrene	UG/KG	23.	J	9.	J	8.4	J	6.	J	10.	J	9.2	J	4.4	J
enol	UG/KG	87.	U	90.	U	94.	U	11.	J	100.	U	87.	U	80.	U
ene	UG/KG	27.	J	13.	J	11.	J	8.7	J	16.	J	14.	J	5.6	J
STICIDES/PCBs															
-DDD	UG/KG	23.		4.	J	4.7	U	4.3	U	5.2	U	18.		4.	U
-DDE	UG/KG	4.3	U	4.5	U	4.7	U	4.3	U	5.2	U	4.3	U	4.	U
-DDT	UG/KG	4.3	U	4.5	U	4.7	U	4.3	U	5.2	U	2.2	J	4.	U
rin	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
ha-BHC	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
ha-Chlordane	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
clor-1016	UG/KG	43.	U	45.	U	47.	U	43.	U	52.	U	43.	U	40.	U
clor-1221	UG/KG	88.	U	91.	U	96.	U	87.	U	100.	U	88.	U	82.	U
clor-1232	UG/KG	43.	U	45.	U	47.	U	43.	U	52.	U	43.	U	40.	U
clor-1242	UG/KG	43.	U	45.	U	47.	U	43.	U	52.	U	43.	U	40.	U
clor-1248	UG/KG	43.	U	45.	U	47.	U	43.	U	52.	U	43.	U	40.	U
clor-1254	UG/KG	43.	U	45.	U	47.	U	43.	U	52.	U	43.	U	40.	U
clor-1260	UG/KG	43.	U	45.	U	47.	U	43.	U	52.	U	43.	U	40.	U
a-BHC	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U

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PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430		71430		71430		71430	
	LOC ID:	SS12-33		SS12-34		SS12-35		SS12-36		SS12-37		SS12-39		SS12-42	
	SAMP_ID:	123230		123231		123232		123233		123234		123236		123239	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		9-Nov-98		10-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
eldrin	UG/KG	4.3	U	4.5	U	4.7	U	4.3	U	5.2	U	4.3	U	4.	U
ndosulfan I	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
ndosulfan II	UG/KG	4.3	U	2.7	J	4.7	U	4.3	U	5.2	U	3.	J	4.	U
ndosulfan sulfate	UG/KG	4.3	U	4.5	U	4.7	U	4.3	U	5.2	U	4.3	U	4.	U
ndrin	UG/KG	3.3	J	4.5	U	4.7	U	4.3	U	5.2	U	4.3	U	4.	U
ndrin aldehyde	UG/KG	4.3	U	4.5	U	4.7	U	4.3	U	5.2	U	4.3	U	4.	U
ndrin ketone	UG/KG	4.3	U	4.5	U	4.7	U	4.3	U	5.2	U	4.3	U	4.	U
amma-BHC/Lindane	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
amma-Chlordane	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
eptachlor	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
eptachlor epoxide	UG/KG	2.2	U	2.3	U	2.4	U	2.2	U	2.6	U	2.2	U	2.1	U
ethoxychlor	UG/KG	22.	U	23.	U	24.	U	22.	U	26.	U	22.	U	21.	U
oxaphene	UG/KG	220.	U	230.	U	240.	U	220.	U	260.	U	220.	U	210.	U
ETALS															
uminum	MG/KG	8,670.		11,900.		11,600.	J	12,200.	J	11,200.	J	11,300.	J	13,800.	J
ntimony	MG/KG	1.4	UJ	1.5	UJ	1.7	UJ	1.3	UJ	1.8	UJ	1.3	UJ	1.3	U
rsenic	MG/KG	3.6		4.7		3.		4.5		2.1	J	3.9		3.9	
arium	MG/KG	73.4		112.		101.		107.		126.		94.7		74.	
eryllium	MG/KG	.39	J	.57	J	.74	J	.11	J	.6	J	.48	J	.56	J
admium	MG/KG	.07	U	.08	U	.08	U	.06	U	.09	U	.06	U	.06	U
alcium	MG/KG	3,480.		4,110.		5,270.		2,420.		7,560.		3,240.		18,500.	
hromium	MG/KG	13.1		18.6		16.4		15.5		13.6		16.3		23.4	
obalt	MG/KG	8.4	J	10.3	J	5.3	J	10.6		4.	J	9.3	J	11.9	
opper	MG/KG	17.1		18.3		17.5		13.8		15.5		18.2		27.	
yanide	MG/KG	.68	UJ	.73	UJ	.72	UJ	.68	UJ	.8	UJ	.67	UJ	.62	U
on	MG/KG	17,100.		22,600.		15,500.		21,300.		14,200.		19,400.		27,700.	
ead	MG/KG	17.8		18.7		21.5		17.6		19.8		18.3		17.	
agnesium	MG/KG	2,760.		3,540.		2,800.		2,830.		2,650.		3,220.		5,850.	
anganese	MG/KG	521.		730.		272.		2,020.		90.		665.		502.	
ercury	MG/KG	.06	UJ	.06	J	.08	UJ	.07	UJ	.07	UJ	.06	UJ	.06	U
ickel	MG/KG	17.3	J	25.4	J	18.4	J	18.5	J	16.1	J	21.7	J	39.2	J
otassium	MG/KG	1,070.	J	1,280.		1,030.	J	977.	J	811.	J	1,130.		2,060.	
elenium	MG/KG	1.1	U	1.3	J	1.3	U	1.3		1.7		.98	U	.95	U
lver	MG/KG	.28	U	.3	U	.33	U	.25	U	.35	U	.26	U	.25	U
odium	MG/KG	57.8	U	63.6	U	68.7	U	51.7	U	73.4	U	53.8	U	52.3	U
hallium	MG/KG	1.2	U	1.3	U	1.4	UJ	1.7	J	1.5	UJ	1.1	UJ	1.1	U
anadium	MG/KG	16.2		19.7		17.2		22.6		17.1		18.9		21.1	
nc	MG/KG	46.2		64.7		78.8		47.9		51.2		63.4		84.1	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430	
	LOC ID:	SS12-44		SS12-46		SS12-48		SS12-49	
	SAMP_ID:	123240		123242		123244		123245	
	FIELD QC CODE:	SA		SA		SA		DU	
	SAMP. DEPTH TOP:	0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		10-Nov-98		10-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES									
,1-Trichloroethane	UG/KG	15.	U	12.	U	17.	U	15.	U
,2,2-Tetrachloroethane	UG/KG	15.	UJ	12.	U	17.	UJ	15.	UJ
,2-Trichloroethane	UG/KG	15.	UJ	12	U	17.	U	15.	U
-Dichloroethane	UG/KG	15.	U	12.	U	17.	U	15.	U
-Dichloroethene	UG/KG	15.	U	12.	U	17.	U	15.	U
-Dichloroethane	UG/KG	15.	U	12.	U	17.	U	15.	U
-Dichloroethene (total)	UG/KG	15.	U	12.	U	17.	U	15.	U
-Dichloropropane	UG/KG	15.	UJ	12.	U	17.	U	15.	U
etone	UG/KG	7.	J	12.	UJ	8.	J	15.	UJ
nzene	UG/KG	15.	U	12.	U	17.	U	15.	U
omodichloromethane	UG/KG	15.	UJ	12.	U	17.	U	15.	U
omoform	UG/KG	15.	UJ	12.	U	17.	UJ	15.	UJ
rbon disulfide	UG/KG	15.	U	12.	U	17.	U	15.	U
rbon tetrachloride	UG/KG	15.	U	12.	U	17.	U	15.	U
lorobenzene	UG/KG	15.	UJ	12.	U	17.	UJ	15.	UJ
lorodibromomethane	UG/KG	15.	UJ	12.	U	17.	U	15.	U
loroethane	UG/KG	15.	U	12.	U	17.	U	15.	U
loroform	UG/KG	15.	U	12.	U	17.	U	15.	U
s-1,3-Dichloropropene	UG/KG	15.	UJ	12.	U	17.	U	15.	U
hyl benzene	UG/KG	15.	UJ	12.	U	17.	UJ	15.	UJ
thyl bromide	UG/KG	15.	U	12.	U	17.	U	15.	U
thyl butyl ketone	UG/KG	15.	UJ	12.	UJ	17.	UJ	15.	UJ
thyl chloride	UG/KG	15.	U	12.	U	17.	U	15.	U
thyl ethyl ketone	UG/KG	15.	UJ	12.	UJ	17.	UJ	15.	UJ
thyl isobutyl ketone	UG/KG	15.	UJ	12.	U	17.	U	15.	U
thylene chloride	UG/KG	15.	U	12.	U	17.	U	15.	U
yrene	UG/KG	15.	UJ	12.	U	17.	UJ	15.	UJ
trachloroethene	UG/KG	15.	UJ	12.	U	17.	U	15.	U
luene	UG/KG	15.	UJ	12.	U	17.	U	15.	U
tal Xylenes	UG/KG	15.	UJ	12.	U	17.	UJ	15.	UJ
ans-1,3-Dichloropropene	UG/KG	15.	UJ	12.	U	17.	U	15.	U
chloroethene	UG/KG	15.	UJ	12.	U	17.	U	15.	U
yl chloride	UG/KG	15.	U	12.	U	17.	U	15.	U
EMI-VOLATILES									
,4-Trichlorobenzene	UG/KG	96.	U	84.	U	92.	U	9.1	R
-Dichlorobenzene	UG/KG	96.	U	84.	U	92.	U	93.	R
-Dichlorobenzene	UG/KG	96.	U	84.	U	92.	U	93.	R
-Dichlorobenzene	UG/KG	96.	U	84.	U	92.	U	93.	R
,5-Trichlorophenol	UG/KG	230.	U	200.	U	220.	U	48.	R
,6-Trichlorophenol	UG/KG	96.	U	84.	U	92.	U	41.	R
-Dichlorophenol	UG/KG	96.	U	84.	U	92.	U	22.	R
-Dimethylphenol	UG/KG	96.	R	84.	R	92.	R	93.	R
-Dinitrophenol	UG/KG	230.	U	200.	U	220.	U	45.	R
-Dinitrotoluene	UG/KG	96.	U	84.	U	92.	U	23.	R
-Dinitrotoluene	UG/KG	96.	U	84.	U	92.	U	20.	R
Chloronaphthalene	UG/KG	96.	U	84.	U	92.	U	18.	R
Chlorophenol	UG/KG	96.	U	84.	U	92.	U	18.	R
Methylnaphthalene	UG/KG	96.	U	84.	U	92.	U	17.	R
Methylphenol	UG/KG	96.	U	84.	U	92.	U	16.	R
Nitroaniline	UG/KG	230.	U	200.	U	220.	U	14.	R
Nitrophenol	UG/KG	96.	U	84.	U	92.	UJ	18.	R
'-Dichlorobenzidine	UG/KG	96.	U	84.	U	92.	UJ	93.	R
Nitroaniline	UG/KG	230.	U	200.	U	220.	UJ	220.	R
-Dinitro-2-methylphenol	UG/KG	230.	U	200.	U	220.	U	220.	R
Bromophenyl phenyl ether	UG/KG	96.	U	84.	U	92.	U	22.	R
Chloro-3-methylphenol	UG/KG	96.	U	84.	U	92.	U	40.	R

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430	
	LOC ID:	SS12-44		SS12-46		SS12-48		SS12-49	
	SAMP_ID:	123240		123242		123244		123245	
	FIELD QC CODE:	SA		SA		SA		DU	
	SAMP. DEPTH TOP:	0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		10-Nov-98		10-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/KG	96.	U	84.	U	92.	UJ	93.	R
Chlorophenyl phenyl ether	UG/KG	96.	U	84.	U	92.	U	17.	R
Methylphenol	UG/KG	96.	U	84.	U	92.	U	42.	R
Nitroaniline	UG/KG	230.	UJ	200.	UJ	220.	UJ	220.	R
Nitrophenol	UG/KG	230.	UJ	200.	UJ	220.	U	220.	R
cenaphthene	UG/KG	96.	U	84.	U	92.	U	21.	R
cenaphthylene	UG/KG	96.	U	84.	U	92.	U	19.	R
nthracene	UG/KG	96.	U	4.4	J	92.	U	19.	R
enzo[a]anthracene	UG/KG	9.4	J	19.	J	11.	J	26.	J
enzo[a]pyrene	UG/KG	11.	J	22.	J	12.	J	19.	J
enzo[b]fluoranthene	UG/KG	14.	J	22.	J	18.	J	26.	J
enzo[ghi]perylene	UG/KG	9.6	J	49.	J	30.	J	24.	R
enzo[k]fluoranthene	UG/KG	13.	J	23.	J	12.	J	25.	R
s(2-Chloroethoxy)methane	UG/KG	96.	U	84.	U	92.	U	21.	R
s(2-Chloroethyl)ether	UG/KG	96.	U	84.	U	92.	U	10.	R
s(2-Chloroisopropyl)ether	UG/KG	96.	U	84.	U	92.	U	93.	R
s(2-Ethylhexyl)phthalate	UG/KG	96.	UJ	84.	UJ	110.	J	93.	UJ
utylbenzylphthalate	UG/KG	96.	UJ	84.	UJ	92.	UJ	23.	J
arbazole	UG/KG	96.	U	84.	U	92.	U	26.	R
hrysene	UG/KG	15.	J	24.	J	16.	J	28.	J
i-n-butylphthalate	UG/KG	96.	U	6.1	J	8.5	J	28.	R
i-n-octylphthalate	UG/KG	96.	UJ	84.	UJ	92.	U	22.	R
ibenz[a,h]anthracene	UG/KG	96.	U	84.	U	92.	U	23.	R
ibenzofuran	UG/KG	96.	U	84.	U	92.	U	19.	R
iethyl phthalate	UG/KG	96.	U	84.	U	92.	U	22.	R
imethylphthalate	UG/KG	96.	U	84.	U	92.	U	22.	R
uoranthene	UG/KG	24.	J	37.	J	28.	J	34.	R
uorene	UG/KG	96.	U	84.	U	92.	U	21.	R
exachlorobenzene	UG/KG	96.	U	84.	U	92.	U	21.	R
exachlorobutadiene	UG/KG	96.	U	84.	U	92.	U	11.	R
exachlorocyclopentadiene	UG/KG	96.	U	84.	U	92.	UJ	90.	R
exachloroethane	UG/KG	96.	U	84.	U	92.	U	6.6	R
deno[1,2,3-cd]pyrene	UG/KG	9.	J	15.	J	11.	J	27.	R
ophorone	UG/KG	96.	U	84.	U	92.	U	93.	R
-Nitrosodiphenylamine	UG/KG	96.	U	84.	U	92.	U	10.	R
-Nitrosodipropylamine	UG/KG	96.	U	84.	U	92.	U	20.	R
aphthalene	UG/KG	96.	U	84.	U	92.	U	15.	R
itrobenzene	UG/KG	96.	U	84.	U	92.	U	15.	R
entachlorophenol	UG/KG	230.	U	200.	U	220.	U	58.	R
henanthrene	UG/KG	13.	J	24.	J	13.	J	31.	J
henol	UG/KG	96.	U	14.	J	92.	U	38.	R
yrene	UG/KG	19.	J	32.	J	24.	J	35.	J
ESTICIDES/PCBs									
4'-DDD	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
4'-DDE	UG/KG	2.4	J	4.1	U	4.5	U	4.6	U
4'-DDT	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
drin	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
pha-BHC	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
pha-Chlordane	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
roclor-1016	UG/KG	48.	U	41.	U	45.	U	46.	U
roclor-1221	UG/KG	97.	U	84.	U	92.	U	93.	U
roclor-1232	UG/KG	48.	U	41.	U	45.	U	46.	U
roclor-1242	UG/KG	48.	U	41.	U	45.	U	46.	U
roclor-1248	UG/KG	48.	U	41.	U	45.	U	46.	U
roclor-1254	UG/KG	48.	U	41.	U	45.	U	46.	U
roclor-1260	UG/KG	48.	U	41.	U	45.	U	46.	U
eta-BHC	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71430

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71430		71430		71430		71430	
	LOC ID:	SS12-44		SS12-46		SS12-48		SS12-49	
	SAMP_ID:	123240		123242		123244		123245	
	FIELD QC CODE:	SA		SA		SA		DU	
	SAMP. DEPTH TOP:	0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		10-Nov-98		10-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ta-BHC	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
ldrin	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
dosulfan I	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
dosulfan II	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
dosulfan sulfate	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
drin	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
drin aldehyde	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
drin ketone	UG/KG	4.8	U	4.1	U	4.5	U	4.6	U
mma-BHC/Lindane	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
mma-Chlordane	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
otachlor	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
otachlor epoxide	UG/KG	2.4	U	2.1	U	2.3	U	2.4	U
thoxychlor	UG/KG	24.	U	21.	U	23.	U	24.	U
xaphene	UG/KG	240.	U	210.	U	230.	U	240.	U
TALS									
minum	MG/KG	11,400.	J	13,600.	J	15,900.	J	12,100.	
imony	MG/KG	1.6	UJ	1.1	UJ	1.6	UJ	1.5	UJ
enic	MG/KG	3.5		3.1		5.7		3.7	
ium	MG/KG	99.6		100.		146.		132.	
yllium	MG/KG	.42	J	.55	J	.69	J	.65	J
dmium	MG/KG	.08	U	.06	U	.08	U	.07	U
cium	MG/KG	4,270.		3,250.		4,730.		4,850.	
romium	MG/KG	14.9		18.8		20.5		17.	
balt	MG/KG	8.5	J	14.6		9.3	J	8.6	J
pper	MG/KG	12.8		14.6		22.9		20.1	
anide	MG/KG	.74	UJ	.63	UJ	.71	UJ	.8	UJ
n	MG/KG	19,800.		24,400.		23,500.	J	21,000.	J
od	MG/KG	31.8		32.1		21.	J	20.3	
gnesium	MG/KG	2,660.		3,320.		3,800.		3,290.	
nganese	MG/KG	513.		771.		779.		698.	
rcury	MG/KG	.06	UJ	.06	UJ	.06	J	.08	J
kel	MG/KG	16.5	J	21.2	J	22.9	J	21.2	J
assium	MG/KG	1,060.	J	1,170.		1,840.		1,140.	J
enium	MG/KG	1.2	U	.85	U	.67	J	1.3	
ver	MG/KG	.32	U	.22	U	.32	U	.3	U
dium	MG/KG	66.8	U	46.6	U	68.2	U	62.4	U
allium	MG/KG	1.4	J	.96	UJ	1.7	J	1.3	U
nadium	MG/KG	21.8		21.6		27.		21.3	
c	MG/KG	72.6		67.4		67.7		57.4	

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71465

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1
	SDG:	71465		71465		71465		71465		71465		71465		71465
	LOC ID:	SS12-38		SS12-40		SS12-41		SS12-45		SS12-47		SS12-49		SS12-50
	SAMP_ID:	123235		123237		123238		123241		123243		123246		123247
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL
	SAMP. DATE:	10-Nov-98		9-Nov-98		10-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		11-Nov-98
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE
OLATILES														
1,1-Trichloroethane	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
1,2,2-Tetrachloroethane	UG/KG	15.	UJ	13.	U	13.	UJ	11.	UJ	14.	U	14.	U	16.
1,2-Trichloroethane	UG/KG	15.	U	13.	UJ	13.	U	11.	U	14.	U	14.	U	16.
1-Dichloroethane	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
1-Dichloroethene	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
2-Dichloroethane	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
2-Dichloroethene (total)	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
2-Dichloropropane	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
cetone	UG/KG	8.	J	13.	J	13.	U	11.	U	14.	U	8.	J	16.
enzene	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
romodichloromethane	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
romoform	UG/KG	15.	UJ	13.	UJ	13.	UJ	11.	UJ	14.	U	14.	U	16.
arbon disulfide	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
arbon tetrachloride	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
hlorobenzene	UG/KG	15.	UJ	13.	UJ	13.	UJ	11.	UJ	14.	U	14.	U	16.
hlorodibromomethane	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
hloroethane	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
hloroform	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
is-1,3-Dichloropropene	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
hyl benzene	UG/KG	15.	UJ	13.	UJ	13.	UJ	11.	UJ	14.	U	14.	U	16.
ethyl bromide	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
ethyl butyl ketone	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
ethyl chloride	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
ethyl ethyl ketone	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
ethyl isobutyl ketone	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
ethylene chloride	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
yrene	UG/KG	15.	UJ	13.	UJ	13.	UJ	11.	UJ	14.	U	14.	U	16.
trachloroethene	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
oluene	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
otal Xylenes	UG/KG	15.	UJ	13.	UJ	13.	UJ	11.	UJ	14.	U	14.	U	16.
rans-1,3-Dichloropropene	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
richloroethene	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
nyl chloride	UG/KG	15.	U	13.	U	13.	U	11.	U	14.	U	14.	U	16.
EMI-VOLATILES														
2,4-Trichlorobenzene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
2-Dichlorobenzene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
3-Dichlorobenzene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
4-Dichlorobenzene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
4,5-Trichlorophenol	UG/KG	240.	U	210.	U	200.	U	190.	U	200.	U	440.	U	250.
4,6-Trichlorophenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
4-Dichlorophenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
4-Dimethylphenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
4-Dinitrophenol	UG/KG	240.	UJ	210.	UJ	200.	UJ	190.	UJ	200.	UJ	440.	U	250.
4-Dinitrotoluene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
6-Dinitrotoluene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
Chloronaphthalene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
Chlorophenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
Methylnaphthalene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
Methylphenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	36.	J	100.
Nitroaniline	UG/KG	240.	U	210.	U	200.	U	190.	U	200.	U	440.	U	250.
Nitrophenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
3'-Dichlorobenzidine	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.
Nitroaniline	UG/KG	240.	U	210.	U	200.	U	190.	UJ	200.	UJ	440.	U	250.
6-Dinitro-2-methylphenol	UG/KG	240.	UJ	210.	UJ	200.	UJ	190.	U	200.	UJ	440.	U	250.
Bromophenyl phenyl ether	UG/KG	100.	UJ	87.	UJ	84.	UJ	80.	U	85.	U	180.	U	100.
Chloro-3-methylphenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-38		SS12-40		SS12-41		SS12-45		SS12-47		SS12-49		SS12-50	
	SAMP_ID:	123235		123237		123238		123241		123243		123246		123247	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		10-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		11-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/KG	100.	UJ	87.	UJ	84.	UJ	80.	UJ	85.	UJ	180.	U	100.	U
Chlorophenyl phenyl ether	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
Methylphenol	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	930.		100.	U
litroaniline	UG/KG	240.	UJ	210.	UJ	200.	UJ	190.	U	200.	UJ	440.	U	250.	U
litrophenol	UG/KG	240.	U	210.	U	200.	U	190.	U	200.	U	440.	U	250.	U
enaphthene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
enaphthylene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
thracene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
nzo[a]anthracene	UG/KG	17.	J	7.9	J	11.	J	12.	J	13.	J	180.	U	17.	J
nzo[a]pyrene	UG/KG	21.	J	9.3	J	14.	J	14.	J	15.	J	180.	U	22.	J
nzo[b]fluoranthene	UG/KG	26.	J	11.	J	23.	J	17.	J	22.	J	180.	U	28.	J
nzo[ghi]perylene	UG/KG	22.	J	10.	J	15.	J	80.	UJ	13.	J	180.	U	23.	J
nzo[k]fluoranthene	UG/KG	21.	J	12.	J	14.	J	16.	J	19.	J	180.	U	23.	J
(2-Chloroethoxy)methane	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
(2-Chloroethyl)ether	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
(2-Chloroisopropyl)ether	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
(2-Ethylhexyl)phthalate	UG/KG	10,000.		87.	UJ	84.	UJ	80.	UJ	85.	UJ	180.	U	100.	U
ylbenzylphthalate	UG/KG	9.5	J	87.	UJ	84.	UJ	80.	UJ	85.	UJ	180.	U	100.	U
rbazole	UG/KG	14.	J	87.	UJ	7.6	J	80.	UJ	85.	UJ	180.	U	10.	J
rysene	UG/KG	23.	J	11.	J	19.	J	16.	J	19.	J	14.	J	29.	J
n-butylphthalate	UG/KG	12.	J	6.7	J	10.	J	9.4	J	7.7	J	180.	U	5.6	J
n-octylphthalate	UG/KG	100.	UJ	87.	UJ	84.	UJ	80.	UJ	85.	UJ	180.	U	100.	U
enz[a,h]anthracene	UG/KG	14.	J	87.	UJ	6.	J	80.	UJ	6.	J	180.	U	100.	U
enzofuran	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
thyl phthalate	UG/KG	5.4	J	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
nethylphthalate	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
oranthene	UG/KG	32.	J	21.	J	33.	J	28.	J	35.	J	20.	J	47.	J
orene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
xachlorobenzene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
xachlorobutadiene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
xachlorocyclopentadiene	UG/KG	100.	UJ	87.	UJ	84.	UJ	80.	U	85.	UJ	180.	U	100.	U
xachloroethane	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
eno[1,2,3-cd]pyrene	UG/KG	21.	J	9.7	J	14.	J	80.	UJ	14.	J	180.	U	20.	J
phorone	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
litrosodiphenylamine	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
litrosodipropylamine	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
phthalene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
obenzene	UG/KG	100.	U	87.	U	84.	U	80.	U	85.	U	180.	U	100.	U
ntachlorophenol	UG/KG	240.	U	210.	U	200.	U	190.	U	200.	U	440.	U	250.	U
enanthrene	UG/KG	17.	J	10.	J	17.	J	13.	J	15.	J	13.	J	26.	J
enol	UG/KG	100.	U	87.	U	84.	U	13.	J	12.	J	42.	J	100.	U
ene	UG/KG	28.	J	17.	J	23.	J	24.	J	28.	J	12.	J	38.	J
STICIDES/PCBs															
-DDD	UG/KG	5.	U	12.	J	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
-DDE	UG/KG	5.	U	4.3	U	2.3	J	4.	U	4.2	U	4.5	U	5.1	U
-DDT	UG/KG	5.	U	4.3	U	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
rin	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
ha-BHC	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
ha-Chlordane	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
clor-1016	UG/KG	50.	U	43.	U	42.	U	40.	U	42.	U	45.	U	51.	U
clor-1221	UG/KG	100.	U	88.	U	85.	U	81.	U	86.	U	92.	U	100.	U
clor-1232	UG/KG	50.	U	43.	U	42.	U	40.	U	42.	U	45.	U	51.	U
clor-1242	UG/KG	50.	U	43.	U	42.	U	40.	U	42.	U	45.	U	51.	U
clor-1248	UG/KG	50.	U	43.	U	42.	U	40.	U	42.	U	45.	U	51.	U
clor-1254	UG/KG	50.	U	43.	U	42.	U	40.	U	42.	U	45.	U	51.	U
clor-1260	UG/KG	50.	U	43.	U	42.	U	40.	U	42.	U	45.	U	51.	U
a-BHC	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-38		SS12-40		SS12-41		SS12-45		SS12-47		SS12-49		SS12-50	
	SAMP_ID:	123235		123237		123238		123241		123243		123246		123247	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	10-Nov-98		9-Nov-98		10-Nov-98		9-Nov-98		9-Nov-98		9-Nov-98		11-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
lta-BHC	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
ldrin	UG/KG	5.	U	4.3	U	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
dosulfan I	UG/KG	2.6	U	1.6	N	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
dosulfan II	UG/KG	5.	U	4.3	U	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
dosulfan sulfate	UG/KG	5.	U	4.3	U	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
drin	UG/KG	5.	U	4.3	U	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
drin aldehyde	UG/KG	5.	U	4.3	U	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
drin ketone	UG/KG	5.	U	4.3	U	4.2	U	4.	U	4.2	U	4.5	U	5.1	U
mma-BHC/Lindane	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
mma-Chlordane	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
ptachlor	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
ptachlor epoxide	UG/KG	2.6	U	2.2	U	2.2	U	2.	U	2.2	U	2.3	U	2.6	U
thoxychlor	UG/KG	26.	U	22.	U	22.	U	20.	U	22.	U	23.	U	26.	U
xaphene	UG/KG	260.	U	220.	U	220.	U	200.	U	220.	U	230.	U	260.	U
ETALS															
minum	MG/KG	14,200.	J	13,000.	J	11,100.	J	13,500.	J	12,100.	J	17,000.	J	15,600.	J
timony	MG/KG	1.7	R	1.4	R	1.2	R	1.1	R	1.4	R	1.3	R	1.9	R
senic	MG/KG	4.9		4.2		4.1		4.2		3.8		4.4		4.1	
rium	MG/KG	137.		68.6		129.		63.7		102.		131.		143.	
ryllium	MG/KG	.57	J	.41	J	.17	J	.51	J	.55	J	.59	J	.96	J
dmium	MG/KG	.08	U	.07	U	.06	U	.06	U	.07	U	.06	U	.09	U
lcium	MG/KG	7,850.		2,380.		3,380.		17,400.		4,120.		6,090.		8,350.	
romium	MG/KG	21.3		17.8		14.1		24.1		18.2		23.4		22.9	
balt	MG/KG	10.3	J	9.6	J	11.		13.5		9.	J	11.		6.7	J
pper	MG/KG	16.		18.7		12.7		33.1		21.1		18.		27.8	
anide	MG/KG	.86	U	.75	U	.67	U	.66	U	.71	U	.79	U	.81	U
n	MG/KG	29,400.	J	20,800.	J	18,800.	J	29,100.	J	21,600.	J	27,000.	J	22,200.	J
ad	MG/KG	25.8	J	26.5	J	29.3	J	22.	J	22.8	J	43.8	J	34.8	
gnesium	MG/KG	4,060.		3,580.		2,530.		6,680.		3,600.		4,380.		4,330.	
nganese	MG/KG	633.		512.		1,730.		573.		428.		787.		293.	
rcury	MG/KG	.11	J	.09	J	.12		.05	U	.09	J	.07	J	.17	
kel	MG/KG	25.3		22.1		21.3		44.		24.6		27.2		33.3	
tassium	MG/KG	1,820.		1,350.		875.	J	1,250.		1,290.		2,970.		1,660.	
lenium	MG/KG	1.8	J	1.3	J	1.9	J	.85	U	1.6	J	1.	J	2.3	J
ver	MG/KG	.34	U	.27	U	.23	U	.22	U	.28	U	.26	U	.37	U
dium	MG/KG	70.9	U	56.5	U	49.3	U	58.5	J	57.8	U	54.3	U	78.	U
allium	MG/KG	1.5	U	1.6	J	2.5		.97	U	1.2	U	1.1	U	1.6	U
nadium	MG/KG	23.8		21.5		18.8		20.		21.1		29.1		23.2	
c	MG/KG	151.	J	67.5	J	78.5	J	92.9	J	71.4	J	97.	J	130.	J

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PHASE 2 - VALIDATED DATA
SDG 71465

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-51		SS12-52		SS12-53		SS12-54		SS12-56		SS12-57		SS12-58	
	SAMP_ID:	123248		123249		123250		123251		123252		123253		123254	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	
VOLATILES															
,1,1-Trichloroethane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
,1,2,2-Tetrachloroethane	UG/KG	14.	UJ	14.	UJ	16.	UJ	12.	U	13.	U	12.	UJ	14.	
,1,2-Trichloroethane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
,1-Dichloroethane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
,1-Dichloroethene	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
,2-Dichloroethane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
,2-Dichloroethene (total)	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
,2-Dichloropropane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
cetone	UG/KG	8.	J	8.	J	16.	U	12.	U	13.	U	8.	J	14.	
enzene	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
romodichloromethane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
romoform	UG/KG	14.	UJ	14.	UJ	16.	UJ	12.	U	13.	U	12.	UJ	14.	
arbon disulfide	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
arbon tetrachloride	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
hlorobenzene	UG/KG	14.	UJ	14.	UJ	16.	UJ	12.	U	13.	U	12.	UJ	14.	
hlorodibromomethane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
hloroethane	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
hloroform	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
is-1,3-Dichloropropene	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
thyl benzene	UG/KG	14.	UJ	14.	UJ	16.	UJ	12.	U	13.	U	12.	UJ	14.	
lethyl bromide	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
lethyl butyl ketone	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
lethyl chloride	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
lethyl ethyl ketone	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
lethyl isobutyl ketone	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
lethylene chloride	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
tyrene	UG/KG	14.	UJ	14.	UJ	16.	UJ	12.	U	13.	U	12.	UJ	14.	
etrachloroethene	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
oluene	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
otal Xylenes	UG/KG	14.	UJ	14.	UJ	16.	UJ	12.	U	13.	U	12.	UJ	14.	
rans-1,3-Dichloropropene	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
richloroethene	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
inyl chloride	UG/KG	14.	U	14.	U	16.	U	12.	U	13.	U	12.	U	14.	
EMI-VOLATILES															
,2,4-Trichlorobenzene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,2-Dichlorobenzene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,3-Dichlorobenzene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,4-Dichlorobenzene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,4,5-Trichlorophenol	UG/KG	230.	U	240.	U	270.	U	200.	U	210.	U	190.	U	200.	
,4,6-Trichlorophenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,4-Dichlorophenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,4-Dimethylphenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,4-Dinitrophenol	UG/KG	230.	UJ	240.	UJ	270.	UJ	200.	UJ	210.	UJ	190.	UJ	200.	
,4-Dinitrotoluene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,6-Dinitrotoluene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
-Chloronaphthalene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
-Chlorophenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
-Methylnaphthalene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
-Methylphenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
-Nitroaniline	UG/KG	230.	U	240.	U	270.	U	200.	U	210.	U	190.	U	200.	
-Nitrophenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
,3'-Dichlorobenzidine	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
-Nitroaniline	UG/KG	230.	UJ	240.	UJ	270.	UJ	200.	UJ	210.	UJ	190.	UJ	200.	
,6-Dinitro-2-methylphenol	UG/KG	230.	U	240.	U	270.	U	200.	U	210.	U	190.	U	200.	
-Bromophenyl phenyl ether	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	
-Chloro-3-methylphenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	

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SDG 71465

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-51		SS12-52		SS12-53		SS12-54		SS12-56		SS12-57		SS12-58	
	SAMP_ID:	123248		123249		123250		123251		123252		123253		123254	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
hloroaniline	UG/KG	96.	UJ	97.	UJ	110.	UJ	80.	UJ	86.	UJ	77.	UJ	80.	U
hlorophenyl phenyl ether	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
ethylphenol	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	9.9	J	80.	U
itroaniline	UG/KG	230.	U	240.	U	270.	U	200.	U	210.	U	190.	U	200.	U
itrophenol	UG/KG	230.	U	240.	U	270.	U	200.	U	210.	U	190.	U	200.	U
naphthene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
naphthylene	UG/KG	10.	J	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
hracene	UG/KG	7.9	J	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
zo[a]anthracene	UG/KG	59.	J	10.	J	9.4	J	80.	U	86.	U	77.	U	4.9	J
zo[a]pyrene	UG/KG	52.	J	11.	J	12.	J	4.5	J	86.	U	77.	U	5.1	J
zo[b]fluoranthene	UG/KG	88.	J	14.	J	15.	J	5.3	J	6.5	J	77.	U	7.4	J
zo[ghi]perylene	UG/KG	47.	J	11.	J	12.	J	80.	UJ	86.	UJ	77.	UJ	80.	U
zo[k]fluoranthene	UG/KG	76.	J	14.	J	13.	J	80.	U	4.5	J	77.	U	6.7	J
2-Chloroethoxy)methane	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
2-Chloroethyl)ether	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
2-Chloroisopropyl)ether	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
2-Ethylhexyl)phthalate	UG/KG	96.	UJ	97.	UJ	110.	UJ	80.	UJ	86.	UJ	77.	UJ	80.	U
ylbenzylphthalate	UG/KG	96.	UJ	97.	UJ	110.	UJ	80.	UJ	86.	UJ	77.	UJ	80.	U
bazole	UG/KG	22.	J	97.	UJ	110.	UJ	80.	UJ	86.	UJ	77.	UJ	80.	U
ysene	UG/KG	85.	J	15.	J	16.	J	4.2	J	5.8	J	3.9	J	8.3	J
n-butylphthalate	UG/KG	6.3	J	97.	U	7.4	J	4.1	J	4.8	J	5.	J	6.1	J
n-octylphthalate	UG/KG	96.	UJ	97.	UJ	110.	UJ	80.	UJ	86.	UJ	77.	UJ	80.	U
enz[a,h]anthracene	UG/KG	96.	UJ	97.	UJ	110.	UJ	80.	UJ	86.	UJ	77.	UJ	80.	U
enzofuran	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
thyl phthalate	UG/KG	96.	U	97.	U	92.	J	80.	U	86.	U	77.	U	80.	U
ethylphthalate	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
oranthene	UG/KG	160.	J	26.	J	26.	J	4.8	J	9.6	J	4.	J	20.	J
prene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
achlorobenzene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
achlorobutadiene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
achlorocyclopentadiene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
achloroethane	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
eno[1,2,3-cd]pyrene	UG/KG	48.	J	10.	J	10.	J	80.	UJ	86.	UJ	77.	UJ	80.	U
horone	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
itrosodiphenylamine	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
itrosodipropylamine	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
hthalene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
obenzene	UG/KG	96.	U	97.	U	110.	U	80.	U	86.	U	77.	U	80.	U
tachlorophenol	UG/KG	230.	U	240.	U	270.	U	200.	U	210.	U	190.	U	200.	U
nanthrene	UG/KG	32.	J	14.	J	14.	J	80.	U	5.	J	77.	U	10.	J
nol	UG/KG	96.	U	97.	U	16.	J	10.	J	86.	U	12.	J	20.	J
ene	UG/KG	110.	J	22.	J	20.	J	4.3	J	8.2	J	77.	UJ	14.	J
STICIDES/PCBs															
-DDD	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
-DDE	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
-DDT	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
in	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
ha-BHC	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
ha-Chlordane	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
clor-1016	UG/KG	48.	U	48.	U	55.	U	40.	U	43.	U	39.	U	40.	U
clor-1221	UG/KG	97.	U	98.	U	110.	U	82.	U	88.	U	79.	U	82.	U
clor-1232	UG/KG	48.	U	48.	U	55.	U	40.	U	43.	U	39.	U	40.	U
clor-1242	UG/KG	48.	U	48.	U	55.	U	40.	U	43.	U	39.	U	40.	U
clor-1248	UG/KG	48.	U	48.	U	55.	U	40.	U	43.	U	39.	U	40.	U
clor-1254	UG/KG	48.	U	48.	U	55.	U	40.	U	43.	U	39.	U	40.	U
clor-1260	UG/KG	48.	U	48.	U	55.	U	40.	U	43.	U	39.	U	40.	U
a-BHC	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-51		SS12-52		SS12-53		SS12-54		SS12-56		SS12-57		SS12-58	
	SAMP_ID:	123248		123249		123250		123251		123252		123253		123254	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98		11-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
ieldrin	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
ndosulfan I	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
ndosulfan II	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
ndosulfan sulfate	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
ndrin	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
ndrin aldehyde	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
ndrin ketone	UG/KG	4.8	U	4.8	U	5.5	U	4.	U	4.3	U	3.9	U	4.	U
amma-BHC/Lindane	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
amma-Chlordane	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
eptachlor	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
eptachlor epoxide	UG/KG	2.5	U	2.5	U	2.8	U	2.1	U	2.2	U	2.	U	2.1	U
ethoxychlor	UG/KG	25.	U	25.	U	28.	U	21.	U	22.	U	20.	U	21.	U
oxaphene	UG/KG	250.	U	250.	U	280.	U	210.	U	220.	U	200.	U	210.	U
IETALS															
luminum	MG/KG	10,300.	J	14,900.	J	12,600.	J	11,500.	J	15,700.	J	14,800.	J	12,600.	J
ntimony	MG/KG	1.6	R	1.4	R	1.9	R	1.3	R	1.4	R	1.2	R	1.3	R
rsenic	MG/KG	3.8		4.4		2.8	J	2.6		4.8		3.5		3.7	
arium	MG/KG	80.9		115.		116.		60.		80.4		77.3		99.9	
eryllium	MG/KG	.52	J	.7	J	.55	J	.51	J	.56	J	.6	J	.49	J
admium	MG/KG	.08	U	.07	U	.09	U	.06	U	.07	U	.06	U	.06	U
alcium	MG/KG	15,500.		4,060.		7,880.		25,400.		3,210.		3,490.		6,650.	
hromium	MG/KG	16.9		22.5		15.7		19.8		23.5		26.8		20.	
obalt	MG/KG	9.2	J	10.3	J	4.5	J	12.6		11.9		16.		11.5	
opper	MG/KG	20.6		22.8		14.9		25.6		12.1		33.8		22.5	
yanide	MG/KG	.87	U	.85	U	.9	U	.63	U	.75	U	.7	U	.59	U
on	MG/KG	20,500.	J	26,100.	J	12,800.	J	22,200.	J	28,600.	J	31,500.	J	24,700.	J
ead	MG/KG	17.7		24.6		23.8		12.8		13.5		23.2		12.7	
agnesium	MG/KG	5,240.		4,330.		2,880.		7,630.		4,220.		6,390.		4,900.	
anganese	MG/KG	511.		571.		390.		377.		691.		436.		541.	
ercury	MG/KG	.08	J	.08	J	.16		.06	U	.08	J	.06	U	.06	
ickel	MG/KG	26.5		30.5		16.8		32.4		26.		57.4		33.2	
otassium	MG/KG	1,280.	J	1,630.		1,450.	J	1,270.		1,020.	J	1,600.		1,560.	
elenium	MG/KG	1.2	U	2.	J	1.6	J	.98	U	1.3	J	.92	U	1.7	
ilver	MG/KG	.31	U	.27	U	.38	U	.26	U	.27	U	.24	U	.25	U
odium	MG/KG	64.4	U	55.9	U	79.	U	53.9	U	57.5	U	53.8	J	52.	
hallium	MG/KG	1.3	U	1.4	J	1.6	U	1.1	U	1.2	U	1.2	J	1.5	
anadium	MG/KG	16.6		25.		15.	B	18.2		23.2		21.		19.3	
inc	MG/KG	69.2	J	96.8	J	90.9	J	69.6	J	65.5	J	131.	J	79.1	

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SDG 71465

	STUDY ID.	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-59		SS12-60		SS12-61		SS12-62		SS12-63		SS12-66	
	SAMP_ID:	123255		123256		123257		123258		123259		123260	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	11-Nov-98		12-Nov-98		10-Nov-98		11-Nov-98		10-Nov-98		11-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES													
1-Trichloroethane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
2,2-Tetrachloroethane	UG/KG	12.	U	13.	UJ	12.	U	14.	UJ	13.	UJ	11.	UJ
2-Trichloroethane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
Dichloroethane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
Dichloroethene	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
Dichloroethane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
Dichloroethene (total)	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
Dichloropropane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
tone	UG/KG	12.	U	6.	J	17.		14.	U	55.		11.	U
zene	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
modichloromethane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
moform	UG/KG	12.	U	13.	UJ	12.	U	14.	UJ	13.	UJ	11.	UJ
bon disulfide	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
bon tetrachloride	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
orobenzene	UG/KG	12.	U	13.	UJ	12.	U	14.	UJ	13.	UJ	11.	UJ
orodibromomethane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
oroethane	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
oroform	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
1,3-Dichloropropene	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
yl benzene	UG/KG	12.	U	13.	UJ	12.	U	14.	UJ	13.	UJ	11.	UJ
hyl bromide	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
hyl butyl ketone	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
hyl chloride	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
hyl ethyl ketone	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
hyl isobutyl ketone	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
hylene chloride	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
ene	UG/KG	12.	U	13.	UJ	12.	U	14.	UJ	13.	UJ	11.	UJ
achloroethene	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
ene	UG/KG	12.	U	13.	U	2.	J	14.	U	13.	U	4.	J
l Xylenes	UG/KG	12.	U	13.	UJ	12.	U	14.	UJ	13.	UJ	11.	UJ
s-1,3-Dichloropropene	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
hloroethene	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	UJ
l chloride	UG/KG	12.	U	13.	U	12.	U	14.	U	13.	U	11.	U
MI-VOLATILES													
4-Trichlorobenzene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
Dichlorobenzene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
Dichlorobenzene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
Dichlorobenzene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
5-Trichlorophenol	UG/KG	200.	U	200.	U	190.	U	210.	U	200.	U	180.	U
6-Trichlorophenol	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
Dichlorophenol	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
Dimethylphenol	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
Dinitrophenol	UG/KG	200.	UJ	200.	UJ	190.	UJ	210.	UJ	200.	UJ	180.	UJ
Dinitrotoluene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
Dinitrotoluene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
hloronaphthalene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
hlorophenol	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
ethylnaphthalene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
ethylphenol	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
troaniline	UG/KG	200.	U	200.	U	190.	U	210.	U	200.	U	180.	U
trophenol	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
-Dichlorobenzidine	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
troaniline	UG/KG	200.	UJ	200.	UJ	190.	UJ	210.	UJ	200.	UJ	180.	UJ
Dinitro-2-methylphenol	UG/KG	200.	U	200.	U	190.	UJ	210.	U	200.	UJ	180.	U
romophenyl phenyl ether	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
hloro-3-methylphenol	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71465

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-59		SS12-60		SS12-61		SS12-62		SS12-63		SS12-66	
	SAMP_ID:	123255		123256		123257		123258		123259		123260	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	11-Nov-98		12-Nov-98		10-Nov-98		11-Nov-98		10-Nov-98		11-Nov-98	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-Chloroaniline	UG/KG	81.	UJ	85.	UJ	78.	UJ	87.	UJ	82.	UJ	73.	UJ
-Chlorophenyl phenyl ether	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
-Methylphenol	UG/KG	4.3	J	85.	U	78.	U	87.	U	82.	U	73.	U
-Nitroaniline	UG/KG	200.	U	200.	U	190.	UJ	210.	U	200.	UJ	180.	U
-Nitrophenol	UG/KG	200.	U	200.	U	190.	U	210.	U	200.	U	180.	U
cenaphthene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
cenaphthylene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
nthracene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
enzo[a]anthracene	UG/KG	4.6	J	85.	U	78.	U	87.	U	82.	U	6.3	J
enzo[a]pyrene	UG/KG	5.4	J	4.7	J	78.	U	87.	U	82.	U	6.	J
enzo[b]fluoranthene	UG/KG	6.3	J	6.	J	4.8	J	4.5	J	6.6	J	13.	J
enzo[ghi]perylene	UG/KG	81.	UJ	85.	UJ	78.	U	87.	UJ	82.	U	73.	UJ
enzo[k]fluoranthene	UG/KG	6.2	J	85.	U	78.	U	5.	J	4.8	J	8.	J
is(2-Chloroethoxy)methane	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
is(2-Chloroethyl)ether	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
is(2-Chloroisopropyl)ether	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
is(2-Ethylhexyl)phthalate	UG/KG	81.	UJ	85.	UJ	78.	U	87.	UJ	82.	UJ	73.	UJ
utylbenzylphthalate	UG/KG	81.	UJ	85.	UJ	78.	UJ	87.	UJ	82.	UJ	73.	UJ
arbazole	UG/KG	81.	UJ	85.	UJ	78.	UJ	87.	UJ	82.	UJ	3.8	J
hrysene	UG/KG	7.2	J	5.4	J	4.5	J	5.	J	6.3	J	13.	J
i-n-butylphthalate	UG/KG	81.	U	85.	U	78.	U	87.	U	5.4	J	3.8	J
i-n-octylphthalate	UG/KG	81.	UJ	85.	UJ	78.	UJ	87.	UJ	82.	UJ	73.	UJ
ibenz[a,h]anthracene	UG/KG	81.	UJ	85.	UJ	78.	UJ	87.	UJ	82.	UJ	73.	UJ
ibenzofuran	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
iethyl phthalate	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	4.1	J
imethylphthalate	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
luoranthene	UG/KG	11.	J	10.	J	6.2	J	8.2	J	9.8	J	17.	J
luorene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
lexachlorobenzene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
lexachlorobutadiene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
lexachlorocyclopentadiene	UG/KG	81.	U	85.	U	78.	UJ	87.	U	82.	UJ	73.	U
lexachloroethane	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
ndeno[1,2,3-cd]pyrene	UG/KG	81.	UJ	85.	UJ	78.	U	87.	UJ	82.	U	73.	UJ
sophorone	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
-Nitrosodiphenylamine	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
-Nitrosodipropylamine	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
aphthalene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
itrobenzene	UG/KG	81.	U	85.	U	78.	U	87.	U	82.	U	73.	U
entachlorophenol	UG/KG	200.	U	200.	U	190.	U	210.	U	200.	U	180.	U
henanthrene	UG/KG	5.8	J	4.9	J	78.	U	87.	U	6.7	J	9.7	J
henol	UG/KG	10.	J	85.	U	8.7	J	87.	U	12.	J	73.	U
yrene	UG/KG	9.2	J	7.6	J	5.2	J	6.6	J	7.5	J	13.	J
ESTICIDES/PCBs													
,4'-DDD	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.7	U
,4'-DDE	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	4.	
,4'-DDT	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.6	J
ldrin	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
lpha-BHC	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
lpha-Chlordane	UG/KG	2.1	U	1.2	J	2.	U	2.2	U	2.1	U	1.9	U
roclor-1016	UG/KG	41.	U	42.	U	39.	U	43.	U	41.	U	37.	U
roclor-1221	UG/KG	82.	U	86.	U	80.	U	88.	U	84.	U	74.	U
roclor-1232	UG/KG	41.	U	42.	U	39.	U	43.	U	41.	U	37.	U
roclor-1242	UG/KG	41.	U	42.	U	39.	U	43.	U	41.	U	37.	U
roclor-1248	UG/KG	41.	U	42.	U	39.	U	43.	U	41.	U	37.	U
roclor-1254	UG/KG	41.	U	42.	U	39.	U	43.	U	41.	U	37.	U
roclor-1260	UG/KG	41.	U	42.	U	39.	U	43.	U	41.	U	37.	U
eta-BHC	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U

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PHASE 2 - VALIDATED DATA
SDG 71465

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71465		71465		71465		71465		71465		71465	
	LOC ID:	SS12-59		SS12-60		SS12-61		SS12-62		SS12-63		SS12-66	
	SAMP_ID	123255		123256		123257		123258		123259		123260	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	11-Nov-98		12-Nov-98		10-Nov-98		11-Nov-98		10-Nov-98		11-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
lta-BHC	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
eldrin	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.7	U
dosulfan I	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
dosulfan II	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.7	U
dosulfan sulfate	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.7	U
drin	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.7	U
drin aldehyde	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.7	U
drin ketone	UG/KG	4.1	U	4.2	U	3.9	U	4.3	U	4.1	U	3.7	U
mma-BHC/Lindane	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
mma-Chlordane	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
ptachlor	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
ptachlor epoxide	UG/KG	2.1	U	2.2	U	2.	U	2.2	U	2.1	U	1.9	U
ethoxychlor	UG/KG	21.	U	22.	U	20.	U	22.	U	21.	U	19.	U
xaphene	UG/KG	210.	U	220.	U	200.	U	220.	U	210.	U	190.	U
ETALS													
uminum	MG/KG	12,300.	J	13,700.	J	13,200.	J	13,300.	J	14,500.	J	9,540.	J
timony	MG/KG	1.4	R	1.2	R	1.2	R	1.4	R	1.2	R	1.1	R
senic	MG/KG	4.2		3.9		2.4		4.3		2.6		4.7	
rium	MG/KG	62.		85.		49.9		89.7		57.1		41.7	
ryllium	MG/KG	.5	J	.48	J	.48	J	.49	J	.46	J	.41	J
dmium	MG/KG	.07	U	.06	U	.06	U	.07	U	.06	U	.06	U
lcium	MG/KG	13,000.		2,800.		2,880.		12,000.		3,260.		80,400.	
romium	MG/KG	20.6		20.7		23.9		22.5		26.2		17.9	
balt	MG/KG	11.	J	12.6		14.5		12.4		17.1		11.3	
pper	MG/KG	18.6		20.5		24.9		28.7		29.4		25.8	
anide	MG/KG	.64	U	.71	U	.62	U	.78	U	.65	U	.63	U
n	MG/KG	24,200.	J	25,100.	J	27,300.	J	27,000.	J	30,600.	J	21,600.	J
ad	MG/KG	8.9	J	21.3		15.4	J	20.1		21.9	J	16.	
gnesium	MG/KG	5,360.		4,090.		5,640.		5,630.		6,000.		7,490.	
nganese	MG/KG	386.		717.		573.		740.		852.		400.	
rcury	MG/KG	.05	U	.07	J	.06	U	.06	U	.06	U	.05	U
ckel	MG/KG	31.8		28.3		42.6		40.1		44.9		36.3	
tassium	MG/KG	1,200.		1,160.		1,350.		1,900.		1,450.		1,270.	
lenium	MG/KG	1.1	U	.91	U	.94	U	1.1	U	1.2	J	.72	J
ver	MG/KG	.28	U	.24	U	.25	U	.28	U	.23	U	.22	U
dium	MG/KG	58.7	U	50.	U	51.5	U	59.6	U	49.2	U	65.5	J
allium	MG/KG	1.2	U	1.6	J	1.1	U	1.2	U	1.4	J	1.1	J
nadium	MG/KG	17.9		22.1		17.3		21.7		19.7		15.7	
nc	MG/KG	74.5	J	84.5	J	84.7	J	92.7	J	83.8	J	106.	J

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PHASE 2 - VALIDATED DATA
SDG 71552

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 S
	SDG:	71552		71552		71552		71552		71552		71552		7
	LOC ID:	SS12-88		SS12-89		SS12-109		SS12-114		SS12-115		SS12-144		SS12
	SAMP_ID:	123280		123281		123303		123308		123309		123339		12
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		
	SAMP. DEPTH TOP:	0		0		0		0		0		0		
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		
	SAMP. DATE:	17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-No
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VA
VOLATILES														
1,1,1-Trichloroethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
1,1,2,2-Tetrachloroethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
1,1,2-Trichloroethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
1,1-Dichloroethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
1,1-Dichloroethene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
1,2-Dichloroethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
1,2-Dichloroethene (total)	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
1,2-Dichloropropane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Acetone	UG/KG	64.		12.	U	15.	U	12.	U	12.	U	7.	J	
Benzene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Bromodichloromethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Bromoform	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Carbon disulfide	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Carbon tetrachloride	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Chlorobenzene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Chlorodibromomethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Chloroethane	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Chloroform	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Cis-1,3-Dichloropropene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Ethyl benzene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Methyl bromide	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Methyl butyl ketone	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Methyl chloride	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Methyl ethyl ketone	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Methyl isobutyl ketone	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Methylene chloride	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Styrene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Tetrachloroethene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Toluene	UG/KG	2.	J	12.	U	15.	U	12.	U	12.	U	12.	U	
Total Xylenes	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Trans-1,3-Dichloropropene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Trichloroethene	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
Vinyl chloride	UG/KG	12.	U	12.	U	15.	U	12.	U	12.	U	12.	U	
SEMI-VOLATILES														
1,2,4-Trichlorobenzene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
1,2-Dichlorobenzene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
1,3-Dichlorobenzene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
1,4-Dichlorobenzene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2,4,5-Trichlorophenol	UG/KG	5,100.	U	630.	U	240.	U	190.	U	390.	U	190.	U	
2,4,6-Trichlorophenol	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2,4-Dichlorophenol	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2,4-Dimethylphenol	UG/KG	2,100.	UJ	260.	UJ	97.	UJ	80.	UJ	160.	UJ	77.	UJ	
2,4-Dinitrophenol	UG/KG	5,100.	UJ	630.	UJ	240.	U	190.	U	390.	R	190.	R	
2,4-Dinitrotoluene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2,6-Dinitrotoluene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2-Chloronaphthalene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2-Chlorophenol	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2-Methylnaphthalene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2-Methylphenol	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
2-Nitroaniline	UG/KG	5,100.	U	630.	U	240.	UJ	190.	UJ	390.	U	190.	U	
2-Nitrophenol	UG/KG	2,100.	UJ	260.	UJ	97.	UJ	80.	UJ	160.	U	77.	U	
3,3`-Dichlorobenzidine	UG/KG	2,100.	U	260.	U	97.	UJ	80.	UJ	160.	UJ	77.	UJ	
3-Nitroaniline	UG/KG	5,100.	UJ	630.	UJ	240.	U	190.	U	390.	U	190.	U	
4,6-Dinitro-2-methylphenol	UG/KG	5,100.	UJ	630.	UJ	240.	U	190.	U	390.	UJ	190.	UJ	
4-Bromophenyl phenyl ether	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	
4-Chloro-3-methylphenol	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U	

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PHASE 2 - VALIDATED DATA
SDG 71552

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71552		71552		71552		71552		71552		71552		715	
	LOC ID:	SS12-88		SS12-89		SS12-109		SS12-114		SS12-115		SS12-144		SS12-1	
	SAMP_ID:	123280		123281		123303		123308		123309		123339		1233	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA			
	SAMP. DEPTH TOP:	0		0		0		0		0		0			
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2			
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SC	
	SAMP. DATE:	17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VAL	
Chloroaniline	UG/KG	2,100.	UJ	260.	UJ	97.	UJ	80.	UJ	160.	UJ	77.	UJ		
Chlorophenyl phenyl ether	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
Methylphenol	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
Nitroaniline	UG/KG	5,100.	UJ	630.	UJ	240.	UJ	190.	UJ	390.	U	190.	U	1	
Nitrophenol	UG/KG	5,100.	U	630.	U	240.	U	190.	U	390.	U	190.	U	1	
cenaphthene	UG/KG	1,600.	J	91.	J	97.	U	80.	U	160.	U	77.	U		
cenaphthylene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
nthracene	UG/KG	1,800.	J	90.	J	97.	U	80.	U	160.	U	77.	U		
enzo[a]anthracene	UG/KG	6,200.		400.		16.	J	80.	U	160.	U	77.	U		
enzo[a]pyrene	UG/KG	5,400.		390.		19.	J	80.	U	160.	U	3.9	J		
enzo[b]fluoranthene	UG/KG	4,800.		470.		20.	J	80.	U	160.	U	5.6	J		
enzo[ghi]perylene	UG/KG	3,100.		220.	J	20.	J	80.	U	160.	U	77.	U		
enzo[k]fluoranthene	UG/KG	6,100.		390.		20.	J	80.	U	160.	U	3.9	J		
s(2-Chloroethoxy)methane	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
s(2-Chloroethyl)ether	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	UJ	77.	UJ		
s(2-Chloroisopropyl)ether	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
s(2-Ethylhexyl)phthalate	UG/KG	2,100.	UJ	260.	UJ	97.	UJ	80.	UJ	900.	J	77.	UJ		
tylbenzylphthalate	UG/KG	2,100.	UJ	260.	UJ	97.	UJ	80.	UJ	160.	UJ	77.	UJ		
arbazole	UG/KG	2,600.	J	180.	J	7.6	J	80.	U	160.	UJ	77.	UJ		
rysene	UG/KG	6,800.		460.		23.	J	80.	UJ	160.	UJ	6.1	J		
-n-butylphthalate	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	4.1	J		
-n-octylphthalate	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	UJ	77.	UJ		
benz[a,h]anthracene	UG/KG	1,500.	J	100.	J	6.8	J	80.	U	160.	U	77.	U		
benzofuran	UG/KG	650.	J	33.	J	97.	U	80.	U	160.	U	77.	U		
ethyl phthalate	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
methylphthalate	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
uoranthene	UG/KG	14,000.		1,100.		36.	J	80.	U	160.	U	8.5	J		
uorene	UG/KG	1,200.	J	64.	J	97.	U	80.	U	160.	U	77.	U		
exachlorobenzene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
exachlorobutadiene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
exachlorocyclopentadiene	UG/KG	2,100.	UJ	260.	UJ	97.	UJ	80.	UJ	160.	UJ	77.	UJ		
exachloroethane	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
deno[1,2,3-cd]pyrene	UG/KG	3,000.		210.	J	16.	J	80.	U	160.	U	77.	U		
ophorone	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
Nitrosodiphenylamine	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
Nitrosodipropylamine	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
aphthalene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
trobenzene	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
ntachlorophenol	UG/KG	5,100.	R	630.	R	240.	R	190.	R	390.	R	190.	R	1	
enanthrene	UG/KG	11,000.		700.		22.	J	80.	U	160.	U	6.7	J		
enol	UG/KG	2,100.	U	260.	U	97.	U	80.	U	160.	U	77.	U		
rene	UG/KG	13,000.	J	740.	J	37.	J	80.	U	160.	U	9.2	J		
ESTICIDES/PCBs															
'-DDD	UG/KG	3.	J	37.		4.8	U	4.	U	4.	U	3.8	U		
'-DDE	UG/KG	58.		490.		4.8	U	4.	U	4.	U	3.8	U		
'-DDT	UG/KG	110.		84.	J	4.8	U	4.	U	4.	U	4.2			
drin	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U		
pha-BHC	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U		
pha-Chlordane	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U		
oclor-1016	UG/KG	37.	U	78.	U	48.	U	40.	U	40.	U	38.	U		
oclor-1221	UG/KG	74.	U	160.	U	98.	U	81.	U	82.	U	78.	U		
oclor-1232	UG/KG	37.	U	78.	U	48.	U	40.	U	40.	U	38.	U		
oclor-1242	UG/KG	37.	U	78.	U	48.	U	40.	U	40.	U	38.	U		
oclor-1248	UG/KG	37.	U	78.	U	48.	U	40.	U	40.	U	38.	U		
oclor-1254	UG/KG	37.	U	78.	U	48.	U	40.	U	40.	U	23.	J		
oclor-1260	UG/KG	37.	U	78.	U	48.	U	40.	U	40.	U	25.	J		
ta-BHC	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U		

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PHASE 2 - VALIDATED DATA
SDG 71552

	STUDY ID.	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step
	SDG:	71552		71552		71552		71552		71552		71552		7155
	LOC ID:	SS12-88		SS12-89		SS12-109		SS12-114		SS12-115		SS12-144		SS12-14
	SAMP_ID:	123280		123281		123303		123308		123309		123339		12334
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		S
	SAMP. DEPTH TOP:	0		0		0		0		0		0		
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2		0.2		0.
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOI
	SAMP. DATE:	17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-9
AMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALU
a-BHC	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U	1.
drin	UG/KG	3.7	U	7.8	U	4.8	U	4.	U	4.	U	3.8	U	3
osulfan I	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U	1.
osulfan II	UG/KG	3.7	U	18.		4.8	U	4.	U	4.	U	3.8	U	3.
osulfan sulfate	UG/KG	3.7	U	7.8	U	4.8	U	4.	U	4.	U	3.8	U	3.
rin	UG/KG	2.3	J	7.8	U	4.8	U	4.	U	4.	U	3.8	U	3.
rin aldehyde	UG/KG	8.9	J	7.8	U	4.8	U	4.	U	4.	U	2.2	J	3.
rin ketone	UG/KG	11.		7.8	U	4.8	U	4.	U	4.	U	3.8	U	3.
mma-BHC/Lindane	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U	1.
mma-Chlordane	UG/KG	3.1	J	4.	U	2.5	U	2.	U	2.1	U	2.	U	1.
tachlor	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U	1.
tachlor epoxide	UG/KG	1.9	U	4.	U	2.5	U	2.	U	2.1	U	2.	U	1.
noxychlor	UG/KG	19.	U	40.	U	25.	U	20.	U	21.	U	20.	U	19
aphene	UG/KG	190.	U	400.	U	250.	U	200.	U	210.	U	200.	U	190
ALS														
inum	MG/KG	4,990.	J	3,230.	J	12,300.	J	16,200.	J	18,100.	J	7,700.	J	7,840
mony	MG/KG	.91	R	1.1	R	1.7	R	1.4	R	1.3	R	.96	R	1.
enic	MG/KG	4.7		3.		4.1		4.		4.2		3.1		3.
um	MG/KG	47.6		23.9	J	150.		45.9		45.7		56.2		74.
llium	MG/KG	.06	J	.16	J	.42	J	.53	J	.74	J	.3	J	.3
mium	MG/KG	1.6		.32	U	.5	U	.4	U	.39	U	.28	U	.3
cium	MG/KG	118,000.		202,000.		14,700.		1,320.		981.	J	95,600.		116,000
omium	MG/KG	12.8		7.3		18.2		22.8		26.9		12.8		14.
alt	MG/KG	3.5	J	3.8	J	8.4	J	9.	J	15.6		6.7	J	5.
per	MG/KG	22.3		17.7		37.3		22.6		29.		18.3		20.
nide	MG/KG	.56	U	.59	U	.74	U	.63	U	.62	U	.6	U	.5
	MG/KG	12,000.	J	9,070.	J	21,200.	J	27,900.	J	37,000.	J	16,700.	J	17,700
d	MG/KG	33.1	J	18.1	J	142.	J	17.8	J	22.9	J	10.5	J	9.
nesium	MG/KG	34,800.		14,800.		3,900.		4,990.		5,250.		23,800.		11,400
ganese	MG/KG	614.		322.		499.		225.		359.		393.		374
cury	MG/KG	.09	J	.06	U	.27		.05	J	.06	U	.05	U	.0
el	MG/KG	9.9		14.2		23.4		28.3		36.6		20.7		21.
ssium	MG/KG	1,160.		838.	J	2,570.		1,620.		1,430.		1,560.		1,500
nium	MG/KG	.34	UJ	.41	UJ	1.4	J	.52	J	.56	J	.45	J	.4
er	MG/KG	.18	U	.21	U	.33	U	.27	U	.26	U	.19	U	.2
um	MG/KG	119.	J	128.	J	70.2	U	55.9	U	70.9	J	96.	J	250
dium	MG/KG	.78	U	.92	U	1.4	U	1.2	U	1.1	U	.82	U	
adium	MG/KG	12.7		12.		19.5		25.4		25.2		14.6		13.
	MG/KG	109.	J	62.1	J	174.	J	71.2	J	77.2	J	42.7	J	44.

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PHASE 2 - VALIDATED DATA
SDG 71552

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71552		71552		71552		71552		71552	
	LOC ID:	SS12-146		SS12-150		SS12-155		SS12-183		SS12-155	
	SAMP_ID:	123341		123345		123350		123377		123479	
	FIELD QC CODE:	SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES											
,1-Trichloroethane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
,2,2-Tetrachloroethane	UG/KG	11.	U	13.	U	13.	UJ	12.	U	14.	U
,2-Trichloroethane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
-Dichloroethane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
-Dichloroethene	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
-Dichloroethane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
-Dichloroethene (total)	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
-Dichloropropane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
etone	UG/KG	11.	U	7.	J	13.	U	7.	J	8.	J
nzene	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
omodichloromethane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
omoform	UG/KG	11.	U	13.	U	13.	UJ	12.	U	14.	U
rbon disulfide	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
rbon tetrachloride	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
lorobenzene	UG/KG	11.	U	13.	U	13.	UJ	12.	U	14.	U
lorodibromomethane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
loroethane	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
loroform	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
-1,3-Dichloropropene	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
yl benzene	UG/KG	11.	U	13.	U	13.	UJ	12.	U	14.	U
thyl bromide	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
thyl butyl ketone	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
thyl chloride	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
thyl ethyl ketone	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
thyl isobutyl ketone	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
thylene chloride	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
rene	UG/KG	11.	U	13.	U	13.	UJ	12.	U	14.	U
trachloroethene	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
luene	UG/KG	11.	U	13.	U	13.	U	2.	J	14.	U
tal Xylenes	UG/KG	11.	U	13.	U	13.	UJ	12.	U	14.	U
ans-1,3-Dichloropropene	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
chloroethene	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
yl chloride	UG/KG	11.	U	13.	U	13.	U	12.	U	14.	U
MI-VOLATILES											
,4-Trichlorobenzene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
-Dichlorobenzene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
-Dichlorobenzene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
-Dichlorobenzene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
,5-Trichlorophenol	UG/KG	180.	U	200.	U	200.	U	200.	U	200.	U
,6-Trichlorophenol	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
-Dichlorophenol	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
-Dimethylphenol	UG/KG	73.	U	84.	UJ	82.	UJ	82.	UJ	81.	UJ
-Dinitrophenol	UG/KG	180.	U	200.	R	200.	R	200.	UJ	200.	UJ
-Dinitrotoluene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
-Dinitrotoluene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Chloronaphthalene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Chlorophenol	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Methylnaphthalene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Methylphenol	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Nitroaniline	UG/KG	180.	U	200.	U	200.	U	200.	U	200.	U
Nitrophenol	UG/KG	73.	U	84.	U	82.	U	82.	UJ	81.	UJ
-Dichlorobenzidine	UG/KG	73.	UJ	84.	UJ	82.	UJ	82.	U	81.	U
Nitroaniline	UG/KG	180.	U	200.	U	200.	U	200.	UJ	200.	UJ
-Dinitro-2-methylphenol	UG/KG	180.	UJ	200.	UJ	200.	UJ	200.	UJ	200.	UJ
Bromophenyl phenyl ether	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Chloro-3-methylphenol	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71552

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71552		71552		71552		71552		71552	
	LOC ID	SS12-146		SS12-150		SS12-155		SS12-183		SS12-155	
	SAMP_ID:	123341		123345		123350		123377		123479	
	FIELD QC CODE:	SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/KG	73.	UJ	84.	UJ	82.	UJ	82.	UJ	81.	UJ
Chlorophenyl phenyl ether	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Methylphenol	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Nitroaniline	UG/KG	180.	U	200.	U	200.	U	200.	UJ	200.	UJ
Nitrophenol	UG/KG	180.	U	200.	U	200.	U	200.	U	200.	U
cenaphthene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
cenaphthylene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
nthracene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
nzo[a]anthracene	UG/KG	73.	U	9.5	J	82.	U	27.	J	11.	J
nzo[a]pyrene	UG/KG	73.	U	9.7	J	4.2	J	18.	J	13.	J
nzo[b]fluoranthene	UG/KG	73.	U	12.	J	9.	J	36.	J	12.	J
nzo[ghi]perylene	UG/KG	73.	U	84.	U	82.	U	14.	J	12.	J
nzo[k]fluoranthene	UG/KG	73.	U	9.3	J	82.	U	26.	J	14.	J
s(2-Chloroethoxy)methane	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
s(2-Chloroethyl)ether	UG/KG	73.	UJ	84.	UJ	82.	UJ	82.	U	81.	U
s(2-Chloroisopropyl)ether	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
s(2-Ethylhexyl)phthalate	UG/KG	73.	UJ	84.	UJ	82.	UJ	82.	U	81.	U
tylbenzylphthalate	UG/KG	73.	UJ	84.	UJ	82.	UJ	82.	UJ	81.	UJ
rbazole	UG/KG	73.	UJ	84.	UJ	82.	UJ	82.	U	6.4	J
rysene	UG/KG	73.	UJ	13.	J	5.1	J	51.	J	13.	J
-n-butylphthalate	UG/KG	73.	U	4.2	J	82.	U	82.	U	81.	U
-n-octylphthalate	UG/KG	73.	U	84.	UJ	82.	UJ	82.	U	81.	U
benz[a,h]anthracene	UG/KG	73.	UJ	84.	U	82.	U	6.3	J	5.6	J
benzofuran	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
ethyl phthalate	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
methylphthalate	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
uoranthene	UG/KG	73.	U	22.	J	7.2	J	24.	J	20.	J
uorene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
exachlorobenzene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
exachlorobutadiene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
exachlorocyclopentadiene	UG/KG	73.	UJ	84.	UJ	82.	UJ	82.	UJ	81.	UJ
exachloroethane	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
deno[1,2,3-cd]pyrene	UG/KG	73.	U	84.	U	82.	U	12.	J	12.	J
ophorone	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Nitrosodiphenylamine	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
Nitrosodipropylamine	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
aphthalene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
trobenzene	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
ntachlorophenol	UG/KG	180.	R	200.	R	200.	R	200.	R	200.	R
enanthrene	UG/KG	73.	U	19.	J	4.6	J	5.1	J	11.	J
enol	UG/KG	73.	U	84.	U	82.	U	82.	U	81.	U
rene	UG/KG	73.	U	20.	J	7.5	J	21.	J	15.	J
ESTICIDES/PCBs											
4'-DDD	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
4'-DDE	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
4'-DDT	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
drin	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
pha-BHC	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
pha-Chlordane	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
oclor-1016	UG/KG	37.	U	42.	U	41.	U	41.	U	41.	U
oclor-1221	UG/KG	74.	U	85.	U	84.	U	84.	U	83.	U
oclor-1232	UG/KG	37.	U	42.	U	41.	U	41.	U	41.	U
oclor-1242	UG/KG	37.	U	42.	U	41.	U	41.	U	41.	U
oclor-1248	UG/KG	37.	U	42.	U	41.	U	41.	U	41.	U
oclor-1254	UG/KG	37.	U	42.	U	41.	U	41.	U	41.	U
oclor-1260	UG/KG	37.	U	42.	U	41.	U	41.	U	41.	U
ta-BHC	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 71552

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	71552		71552		71552		71552		71552	
	LOC ID:	SS12-146		SS12-150		SS12-155		SS12-183		SS12-155	
	SAMP_ID:	123341		123345		123350		123377		123479	
	FIELD QC CODE:	SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	0		0		0		0		0	
	SAMP. DEPTH BOT:	0.2		0.2		0.2		0.2		0.2	
	MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL	
	SAMP. DATE:	17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98		17-Nov-98	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Delta-BHC	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
Dieldrin	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
Endosulfan I	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
Endosulfan II	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
Endosulfan sulfate	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
Endrin	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
Endrin aldehyde	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
Endrin ketone	UG/KG	3.7	U	4.2	U	4.1	U	4.1	U	4.1	U
Gamma-BHC/Lindane	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
Gamma-Chlordane	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
Heptachlor	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
Heptachlor epoxide	UG/KG	1.9	U	2.2	U	2.1	U	2.1	U	2.1	U
Methoxychlor	UG/KG	19.	U	22.	U	21.	U	21.	U	21.	U
Toxaphene	UG/KG	190.	U	220.	U	210.	U	210.	U	210.	U
METALS											
Aluminum	MG/KG	8,140.	J	12,800.	J	13,900.	J	13,900.	J	11,600.	J
Antimony	MG/KG	1.1	R	1.	R	1.2	R	1.4	R	1.1	R
Arsenic	MG/KG	3.7	J	3.9	J	3.8	J	3.9	J	3.5	J
Barium	MG/KG	53.8		102.		108.		86.2		96.8	
Beryllium	MG/KG	.32	J	.52	J	.47	J	.59	J	.45	J
Cadmium	MG/KG	.32	U	.3	U	.36	U	.4	U	.31	U
Calcium	MG/KG	96,600.		16,200.		4,400.		16,200.		3,960.	
Chromium	MG/KG	13.3		16.4		17.7		19.4		15.4	
Cobalt	MG/KG	7.5	J	7.7	J	8.6	J	15.		8.2	J
Copper	MG/KG	19.9		16.1		15.8		23.7		15.2	
Cyanide	MG/KG	.58	U	.66	U	.64	U	.66	U	.61	U
Iron	MG/KG	17,300.	J	20,300.	J	21,700.	J	26,000.	J	20,400.	J
Lead	MG/KG	8.8		15.		14.		13.6		14.	
Magnesium	MG/KG	11,800.		5,130.		3,640.		5,780.		3,190.	
Manganese	MG/KG	395.		502.		690.		663.		607.	
Mercury	MG/KG	.05	U	.05	U	.06	U	.06	U	.06	U
Nickel	MG/KG	23.2		18.7		19.6		29.2	J	18.3	J
Potassium	MG/KG	1,650.		1,500.		1,510.		1,310.		1,030.	
Selenium	MG/KG	.41	UJ	.43	J	.9	J	.52	UJ	.65	J
Silver	MG/KG	.21	U	.2	U	.24	U	.27	U	.21	U
Sodium	MG/KG	126.	J	72.3	J	50.6	U	56.6	U	43.8	U
Thallium	MG/KG	.93	U	.88	U	1.	U	1.2	U	.9	U
Vanadium	MG/KG	14.9		21.8		22.5		21.2		19.1	
Zinc	MG/KG	48.9	J	52.5	J	58.2	J	63.8	J	51.4	J

SEAD-12 Groundwater Chemical Data

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 73193

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193		73193	
	LOC ID:	MW45-4		MW-34		MW12-24		MW12-26		MW12-21		MW12-19		MW12-20	
	SAMP_ID:	122000		122001		122002		122003		122004		122005		122006	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	15		14		9.5		11		11		11		14	
	SAMP. DEPTH BOT:	15		14		9.5		11		11		11		14	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	9-Apr-99		9-Apr-99		11-Apr-99		11-Apr-99		12-Apr-99		12-Apr-99		12-Apr-99	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES															
,1-Trichloroethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
,2,2-Tetrachloroethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
,2-Trichloroethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloroethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloroethene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloroethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloropropane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
etone	UG/L					5.	U	5.	U	5.	U	2.	J	2.	J
nzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
omodichloromethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
omoform	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
rbon disulfide	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
rbon tetrachloride	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
lorobenzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
lorodibromomethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
loroethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
loroform	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
s-1,2-Dichloroethene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
s-1,3-Dichloropropene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
yl benzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
thyl bromide	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
thyl butyl ketone	UG/L					5.	U	5.	U	5.	U	5.	U	5.	U
thyl chloride	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
thyl ethyl ketone	UG/L					5.	U	5.	U	5.	U	5.	U	5.	U
thyl isobutyl ketone	UG/L					5.	U	5.	U	5.	U	5.	U	5.	U
thylene chloride	UG/L					2.	U	2.	U	2.	U	2.	U	2.	U
rene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
trachloroethene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
luene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
tal Xylenes	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
ans-1,3-Dichloropropene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
chloroethene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
yl chloride	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
MI-VOLATILES															
,4-Trichlorobenzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichlorobenzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichlorobenzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichlorobenzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
,5-Trichlorophenol	UG/L					2.5	U	2.5	U	2.6	U	2.6	U	2.5	U
,6-Trichlorophenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dichlorophenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dimethylphenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dinitrophenol	UG/L					2.5	R	2.5	R	2.6	R	2.6	R	2.5	R
-Dinitrotoluene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-Dinitrotoluene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Chloronaphthalene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Chlorophenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Methylnaphthalene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Methylphenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Nitroaniline	UG/L					2.5	U	2.5	U	2.6	U	2.6	U	2.5	U
Nitrophenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
'-Dichlorobenzidine	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Nitroaniline	UG/L					2.5	U	2.5	U	2.6	U	2.6	U	2.5	U
-Dinitro-2-methylphenol	UG/L					2.5	U	2.5	U	2.6	UJ	2.6	U	2.5	U
Bromophenyl phenyl ether	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Chloro-3-methylphenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 73193

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193		73193	
	LOC ID:	MW45-4		MW-34		MW12-24		MW12-26		MW12-21		MW12-19		MW12-20	
	SAMP_ID:	122000		122001		122002		122003		122004		122005		122006	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	15		14		9.5		11		11		11		14	
	SAMP. DEPTH BOT:	15		14		9.5		11		11		11		14	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	9-Apr-99		9-Apr-99		11-Apr-99		11-Apr-99		12-Apr-99		12-Apr-99		12-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Chlorophenyl phenyl ether	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Methylphenol	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Nitroaniline	UG/L					2.5	UJ	2.5	UJ	2.6	U	2.6	UJ	2.5	U
Nitrophenol	UG/L					2.5	UJ	2.5	UJ	2.6	U	2.6	UJ	2.5	U
cenaphthene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
cenaphthylene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
thracene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
nzo[a]anthracene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
nzo[a]pyrene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
nzo[b]fluoranthene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
nzo[ghi]perylene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
nzo[k]fluoranthene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
s(2-Chloroethoxy)methane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
s(2-Chloroethyl)ether	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
s(2-Chloroisopropyl)ether	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
s(2-Ethylhexyl)phthalate	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
tylbenzylphthalate	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
rbazole	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
rysene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
-n-butylphthalate	UG/L					1.	U	1.	U	.09	J	1.	U	1.	U
-n-octylphthalate	UG/L					1.	U	1.	U	1.	U	.06	J	1.	U
benz[a,h]anthracene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
benzofuran	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
thyl phthalate	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
methylphthalate	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
uoranthene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
uorene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
xachlorobenzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
xachlorobutadiene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
xachlorocyclopentadiene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
xachloroethane	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
deno[1,2,3-cd]pyrene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
phorone	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Nitrosodiphenylamine	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
Nitrosodipropylamine	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
phthalene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
trobenzene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
ntachlorophenol	UG/L					2.5	U	2.5	U	2.6	U	2.6	U	2.5	U
enanthrene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
enol	UG/L					1.	U	1.	U	1.	U	1.	U	.15	J
rene	UG/L					1.	U	1.	U	1.	U	1.	U	1.	U
STICIDES/PCBs															
'-DDD	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
'-DDE	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
'-DDT	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
drin	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
pha-BHC	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
pha-Chlordane	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
oclor-1016	UG/L					.1	U	.1	U	.1	U	.1	U	.1	U
oclor-1221	UG/L					.2	U	.2	U	.2	U	.2	U	.2	U
oclor-1232	UG/L					.1	U	.1	U	.1	U	.1	U	.1	U
oclor-1242	UG/L					.1	U	.1	U	.1	U	.1	U	.1	U
oclor-1248	UG/L					.1	U	.1	U	.1	U	.1	U	.1	U
oclor-1254	UG/L					.1	U	.1	U	.1	U	.1	U	.1	U
oclor-1260	UG/L					.1	U	.1	U	.1	U	.1	U	.1	U
ta-BHC	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193		73193	
	LOC ID:	MW45-4		MW-34		MW12-24		MW12-26		MW12-21		MW12-19		MW12-20	
	SAMP_ID:	122000		122001		122002		122003		122004		122005		122006	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	15		14		9.5		11		11		11		14	
	SAMP. DEPTH BOT:	15		14		9.5		11		11		11		14	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	9-Apr-99		9-Apr-99		11-Apr-99		11-Apr-99		12-Apr-99		12-Apr-99		12-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
eldrin	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
ndosulfan I	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
ndosulfan II	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
ndosulfan sulfate	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
ndrin	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
ndrin aldehyde	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
ndrin ketone	UG/L					.01	U	.01	U	.01	U	.01	U	.01	U
amma-BHC/Lindane	UG/L					.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	U
amma-Chlordane	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
eptachlor	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
eptachlor epoxide	UG/L					.005	U	.005	U	.005	U	.005	U	.005	U
ethoxychlor	UG/L					.051	U	.051	U	.05	U	.05	U	.05	U
xaphene	UG/L					.51	U	.51	U	.5	U	.5	U	.5	U
ETALS															
uminum	UG/L	215.		1,740.		69.3	J	791.		35.3	J	1,590.		657.	
timony	UG/L		U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
senic	UG/L		U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
rium	UG/L	24.4	J	28.7	J	76.4	J	117.	J	87.4	J	81.4	J	74.9	J
eryllium	UG/L		U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
dmium	UG/L		U	.3	U	.3	U	.3	U	.3	U	.3	U	.3	U
lcium	UG/L			73,000.		102,000.		145,000.		93,400.		102,000.		114,000.	
romium	UG/L		U	2.5	J	.73	J	1.8	J	.7	U	1.7	J	.7	U
balt	UG/L		U	1.5	U	1.5	U	2.4	J	1.5	U	1.5	U	1.5	U
pper	UG/L		U	2.5	J	1.4	J	1.	U	1.	U	2.2	J	1.	U
n	UG/L	256.		1,280.		66.	J	1,430.		17.4	J	1,830.		825.	
ad	UG/L		U	1.	J	1.	J	.9	U	.9	U	.9	U	.9	U
agnesium	UG/L	31,400.		8,400.		22,000.		29,800.		19,400.		12,100.		22,500.	
anganese	UG/L		J	10.3	J	44.5		3,280.		54.2		158.		128.	
rcury	UG/L		J	.1	J	.1	UJ	.1	J	.1	UJ	.1	J	.1	J
ckel	UG/L		U	2.3	J	1.8	J	2.1	J	1.4	U	4.1	J	2.	J
tassium	UG/L	2,460.	J	889.	J	1,060.	J	1,640.	J	3,380.	J	1,780.	J	2,440.	J
lenium	UG/L		U	2.7	J	1.8	U	1.8	U	1.9	J	1.8	U	1.8	U
ver	UG/L		U	.9	U	1.1	J	.9	U	.9	U	.9	U	.9	U
dium	UG/L	11,400.		17,400.		8,780.		4,590.	J	7,940.	J	43,000.		100,000.	
allium	UG/L	3.4	J	1.9	U	3.	J	4.2	J	5.	J	2.3	J	1.9	U
nadium	UG/L		U	2.3	J	1.6	U	1.6	U	1.6	U	2.6	J	1.6	U
nc	UG/L	5.8	J	16.8	J	3.2	J	7.	J	1.8	B	8.8	J	11.6	J

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193		73193	
	LOC ID:	MW12-22		MW12-23		MW12A-1		MW12A-2		MW12A-3		MW12-27		MW12-30	
	SAMP_ID:	122007		122008		122009		122010		122011		122012		122013	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	12		12.3		13		11		13		10.25		13.7	
	SAMP. DEPTH BOT:	12		12.3		13		11		13		10.25		13.7	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	12-Apr-99		12-Apr-99		13-Apr-99		13-Apr-99		13-Apr-99		14-Apr-99		14-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	
OLATILES															
,1,1-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
,1,2,2-Tetrachloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
,1,2-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
,1-Dichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
,1-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
,2-Dichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
,2-Dichloropropane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
cetone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	2.	J	5.	
enzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
romodichloromethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
romoform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
arbon disulfide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
arbon tetrachloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
hlorobenzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
hlorodibromomethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
hloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
hloroform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
is-1,2-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
is-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
thyl benzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
lethyl bromide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
lethyl butyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U	5.	
lethyl chloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
lethyl ethyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U	5.	
lethyl isobutyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U	5.	
lethylene chloride	UG/L	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U	2.	
tyrene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
etrachloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
oluene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
otal Xylenes	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
rans-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
richloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
inyl chloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U	1.	
EMI-VOLATILES															
2,4-Trichlorobenzene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
2-Dichlorobenzene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
3-Dichlorobenzene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
4-Dichlorobenzene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
4,5-Trichlorophenol	UG/L	2.5	U	2.8	U	2.6	U	2.6	U	2.6	U	3.	U	3.	
4,6-Trichlorophenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
4-Dichlorophenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
4-Dimethylphenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	UJ	1.2	
4-Dinitrophenol	UG/L	2.5	R	2.8	R	2.6	R	2.6	R	2.6	R	3.	R	3.	
4-Dinitrotoluene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
6-Dinitrotoluene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
Chloronaphthalene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
Chlorophenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
Methylnaphthalene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
Methylphenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
Nitroaniline	UG/L	2.5	U	2.8	U	2.6	U	2.6	U	2.6	U	3.	U	3.	
Nitrophenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
3'-Dichlorobenzidine	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
Nitroaniline	UG/L	2.5	U	2.8	U	2.6	U	2.6	U	2.6	U	3.	U	3.	
6-Dinitro-2-methylphenol	UG/L	2.5	U	2.8	UJ	2.6	U	2.6	UJ	2.6	UJ	3.	UJ	3.	
Bromophenyl phenyl ether	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	
Chloro-3-methylphenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193		73193	
	LOC ID:	MW12-22		MW12-23		MW12A-1		MW12A-2		MW12A-3		MW12-27		MW12-30	
	SAMP_ID:	122007		122008		122009		122010		122011		122012		122013	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	12		12.3		13		11		13		10.25		13.7	
	SAMP. DEPTH BOT:	12		12.3		13		11		13		10.25		13.7	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	12-Apr-99		12-Apr-99		13-Apr-99		13-Apr-99		13-Apr-99		14-Apr-99		14-Apr-99	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
Chlorophenyl phenyl ether	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
Methylphenol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
Nitroaniline	UG/L	2.5	UJ	2.8	U	2.6	U	2.6	U	2.6	U	3.	UJ	3.	U
Nitrophenol	UG/L	2.5	UJ	2.8	U	2.6	U	2.6	U	2.6	U	3.	UJ	3.	U
enaphthene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
enaphthylene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
thracene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
nzo[a]anthracene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
nzo[a]pyrene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
nzo[b]fluoranthene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
nzo[ghi]perylene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
nzo[k]fluoranthene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
(2-Chloroethoxy)methane	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
(2-Chloroethyl)ether	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
(2-Chloroisopropyl)ether	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
(2-Ethylhexyl)phthalate	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.2	U	3.8	U
ylbenzylphthalate	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
rbazole	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
rysene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
n-butylphthalate	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	.079	J
n-octylphthalate	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
enz[a,h]anthracene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
enzofuran	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
thyl phthalate	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	.48	J
ethylphthalate	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
oranthene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
orene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
xachlorobenzene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
xachlorobutadiene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
xachlorocyclopentadiene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
xachloroethane	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
eno[1,2,3-cd]pyrene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
phorone	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
Nitrosodiphenylamine	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
Nitrosodipropylamine	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
phthalene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
robenzene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
ntachlorophenol	UG/L	2.5	U	2.8	U	2.6	U	2.6	U	2.6	U	3.	UJ	3.	U
enanthrene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	1.1	U	1.2	U	1.2	U
enol	UG/L	1.	U	1.1	U	1.1	U	1.1	U	.12	J	1.2	U	1.2	U
rene	UG/L	1.	U	1.1	U	1.1	U	1.1	U	.057	J	.08	J	1.2	U
STICIDES/PCBs															
T-DDD	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
T-DDE	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
T-DDT	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
rin	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
ha-BHC	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
ha-Chlordane	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
clor-1016	UG/L	.12	U	.1	U	.1	U	.11	U	.1	U	.12	U	.1	U
clor-1221	UG/L	.25	U	.2	U	.21	U	.22	U	.21	U	.24	U	.21	U
clor-1232	UG/L	.12	U	.1	U	.1	U	.11	U	.1	U	.12	U	.1	U
clor-1242	UG/L	.12	U	.1	U	.1	U	.11	U	.1	U	.12	U	.1	U
clor-1248	UG/L	.12	U	.1	U	.1	U	.11	U	.1	U	.12	U	.1	U
clor-1254	UG/L	.12	U	.1	U	.1	U	.11	U	.1	U	.12	U	.1	U
clor-1260	UG/L	.12	U	.1	U	.1	U	.11	U	.1	U	.12	U	.1	U
a-BHC	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U

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PHASE 2 - VALIDATED DATA
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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193		73193	
	LOC ID:	MW12-22		MW12-23		MW12A-1		MW12A-2		MW12A-3		MW12-27		MW12-30	
	SAMP_ID:	122007		122008		122009		122010		122011		122012		122013	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	12		12.3		13		11		13		10.25		13.7	
	SAMP. DEPTH BOT:	12		12.3		13		11		13		10.25		13.7	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	12-Apr-99		12-Apr-99		13-Apr-99		13-Apr-99		13-Apr-99		14-Apr-99		14-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
ieldrin	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
ndosulfan I	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
ndosulfan II	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
ndosulfan sulfate	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
ndrin	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
ndrin aldehyde	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
ndrin ketone	UG/L	.012	U	.01	U	.01	U	.011	U	.01	U	.012	U	.01	U
amma-BHC/Lindane	UG/L	.006	U	.005	UJ	.005	U	.006	U	.005	U	.006	U	.005	U
amma-Chlordane	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
eptachlor	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
eptachlor epoxide	UG/L	.006	U	.005	U	.005	U	.006	U	.005	U	.006	U	.005	U
ethoxychlor	UG/L	.062	U	.051	U	.052	U	.056	U	.052	U	.061	U	.052	U
oxaphene	UG/L	.62	U	.51	U	.52	U	.56	U	.52	U	.61	U	.52	U
ETALS															
luminum	UG/L	99.6	J	289.		348.		1,190.		230.		540.		200.	
ntimony	UG/L	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
rsenic	UG/L	1.8	U	2.1	J	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
arium	UG/L	72.9	J	47.1	J	71.9	J	76.4	J	151.	J	39.7	J	53.	
eryllium	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
admium	UG/L	.58	J	.3	U	1.2	J	.3	U	1.1	J	.43	J	.3	
alcium	UG/L	158,000.		148,000.		134,000.		108,000.		114,000.		97,000.		92,500.	
hromium	UG/L	.7	U	.7	U	.7	U	1.3	J	.7	U	1.4	J	.91	
obalt	UG/L	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.7	J	1.5	U
opper	UG/L	1.1	J	1.	U	1.9	J	2.1	J	1.1	J	2.3	J	1.9	
on	UG/L	540.		474.		356.		1,110.	J	292.	J	692.	J	252.	
ead	UG/L	1.1	J	.9	U	.9	U	1.	J	.9	U	.9	U	.9	U
agnesium	UG/L	23,700.		28,000.		35,700.		16,600.		29,500.		15,400.		21,500.	
anganese	UG/L	501.		114.		7.9	J	51.8		38.1		130.		184.	
ercury	UG/L	.1	J	.1	UJ	.1	J	.1	J	.1	J	.1	UJ	.1	
ickel	UG/L	2.3	J	2.6	J	2.2	J	4.5	J	1.4	U	3.6	J	3.9	
otassium	UG/L	3,720.	J	3,020.	J	1,280.	J	1,440.	J	1,770.	J	3,940.	J	6,710.	
elenium	UG/L	1.8	U	3.	J	3.2	J	1.8	U	2.	J	1.8	U	1.8	U
ilver	UG/L	.99	J	.9	U	1.3	J	.9	U	.9	U	1.5	J	.9	U
odium	UG/L	15,200.		17,300.		12,800.		5,780.		6,590.		11,000.		12,300.	
hallium	UG/L	5.6	J	2.5	J	5.2	J	4.5	J	4.	J	4.5		5.6	
anadium	UG/L	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
inc	UG/L	2.8	J	16.2	J	4.	J	9.2	J	3.9	J	5.7	J	20.5	

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193	
	LOC ID:	MW12-29		MW12-16		MW12-17		MW12-18		MW12-815		MW12-32	
	SAMP_ID:	122014		122015		122016		122017		122018		122020	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	14		14		18		12.5		20		11	
	SAMP. DEPTH BOT:	14		14		18		12.5		20		11	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	14-Apr-99		19-Apr-99		19-Apr-99		20-Apr-99		19-Apr-99		20-Apr-99	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES													
,1-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
,2,2-Tetrachloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
,2-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
-Dichloropropane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
etone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	2.	J
nzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
omodichloromethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
moform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
rbon disulfide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
rbon tetrachloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
lorobenzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
lorodibromomethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
loroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
loroform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
-1,2-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
yl benzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
thyl bromide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
thyl butyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
thyl chloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
thyl ethyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
thyl isobutyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
thylene chloride	UG/L	2.	U	2.	U	2.	U	2.	U	2.	U	2.	U
rene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
trachloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
uene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
al Xylenes	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
ns-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
chloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
yl chloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	1.	U
MI-VOLATILES													
,4-Trichlorobenzene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Dichlorobenzene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Dichlorobenzene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Dichlorobenzene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
,5-Trichlorophenol	UG/L	2.6	U	2.6	U	2.5	U	2.5	U	2.6	U	3.	U
,6-Trichlorophenol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Dichlorophenol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Dimethylphenol	UG/L	1.1	UJ	1.	UJ	1.	UJ	1.	U	1.	U	1.2	U
-Dinitrophenol	UG/L	2.6	R	2.6	R	2.5	R	2.5	U	2.6	U	3.	U
-Dinitrotoluene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Dinitrotoluene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Chloronaphthalene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Chlorophenol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Methylnaphthalene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Methylphenol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Nitroaniline	UG/L	2.6	U	2.6	U	2.5	U	2.5	U	2.6	U	3.	U
Nitrophenol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Dichlorobenzidine	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Nitroaniline	UG/L	2.6	U	2.6	U	2.5	U	2.5	U	2.6	U	3.	U
-Dinitro-2-methylphenol	UG/L	2.6	UJ	2.6	UJ	2.5	UJ	2.5	U	2.6	U	3.	U
Bromophenyl phenyl ether	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Chloro-3-methylphenol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U

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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193	
	LOC ID:	MW12-29		MW12-16		MW12-17		MW12-18		MW12-815		MW12-32	
	SAMP_ID:	122014		122015		122016		122017		122018		122020	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	14		14		18		12.5		20		11	
	SAMP. DEPTH BOT:	14		14		18		12.5		20		11	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	14-Apr-99		19-Apr-99		19-Apr-99		20-Apr-99		19-Apr-99		20-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Chlorophenyl phenyl ether	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Methylphenol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
Nitroaniline	UG/L	2.6	UJ	2.6	UJ	2.5	UJ	2.5	U	2.6	U	3.	U
Nitrophenol	UG/L	2.6	UJ	2.6	UJ	2.5	UJ	2.5	U	2.6	U	3.	U
cenaphthene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
cenaphthylene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
nthracene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
nzo[a]anthracene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
nzo[a]pyrene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
nzo[b]fluoranthene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
nzo[ghi]perylene	UG/L	1.1	U	1.	U	1.	U	1.	U	.052	J	1.2	U
nzo[k]fluoranthene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
s(2-Chloroethoxy)methane	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
s(2-Chloroethyl)ether	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
s(2-Chloroisopropyl)ether	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
s(2-Ethylhexyl)phthalate	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
tylbenzylphthalate	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
rbazole	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
rysene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-n-butylphthalate	UG/L	.15	J	1.	U	1.	U	.083	J	1.	U	.15	J
-n-octylphthalate	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
benz[a,h]anthracene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
benzofuran	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
ethyl phthalate	UG/L	4.3		1.	U	1.	U	1.	U	1.	U	1.2	U
methylphthalate	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
uoranthene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
uorene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
exachlorobenzene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
exachlorobutadiene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
exachlorocyclopentadiene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
exachloroethane	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
deno[1,2,3-cd]pyrene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
ophorone	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Nitrosodiphenylamine	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
-Nitrosodipropylamine	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
aphthalene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
trobenzene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
entachlorophenol	UG/L	2.6	UJ	2.6	UJ	2.5	UJ	2.5	U	2.6	U	3.	U
henanthrene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
henol	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
rene	UG/L	1.1	U	1.	U	1.	U	1.	U	1.	U	1.2	U
ESTICIDES/PCBs													
4'-DDD	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
4'-DDE	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
4'-DDT	UG/L	.01	U	.011	U	.011	U	.01	J	.01	U	.01	U
drin	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
pha-BHC	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
pha-Chlordane	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
roclor-1016	UG/L	.1	U	.11	U	.11	U	.1	U	.1	U	.1	U
roclor-1221	UG/L	.2	U	.22	U	.23	U	.2	U	.21	U	.2	U
roclor-1232	UG/L	.1	U	.11	U	.11	U	.1	U	.1	U	.1	U
roclor-1242	UG/L	.1	U	.11	U	.11	U	.1	U	.1	U	.1	U
roclor-1248	UG/L	.1	U	.11	U	.11	U	.1	U	.1	U	.1	U
roclor-1254	UG/L	.1	U	.11	U	.11	U	.1	U	.1	U	.1	U
roclor-1260	UG/L	.1	U	.11	U	.11	U	.1	U	.1	U	.1	U
eta-BHC	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U

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PHASE 2 - VALIDATED DATA
SDG 73193

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73193		73193		73193		73193		73193		73193	
	LOC ID:	MW12-29		MW12-16		MW12-17		MW12-18		MW12-815		MW12-32	
	SAMP_ID:	122014		122015		122016		122017		122018		122020	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	14		14		18		12.5		20		11	
	SAMP. DEPTH BOT:	14		14		18		12.5		20		11	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	14-Apr-99		19-Apr-99		19-Apr-99		20-Apr-99		19-Apr-99		20-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
ieldrin	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
ndosulfan I	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
ndosulfan II	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
ndosulfan sulfate	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
ndrin	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
ndrin aldehyde	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
ndrin ketone	UG/L	.01	U	.011	U	.011	U	.01	U	.01	U	.01	U
amma-BHC/Lindane	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
amma-Chlordane	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
eptachlor	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
eptachlor epoxide	UG/L	.005	U	.006	U	.006	U	.005	U	.005	U	.005	U
ethoxychlor	UG/L	.051	U	.056	U	.057	U	.051	U	.052	U	.051	U
oxaphene	UG/L	.51	U	.56	U	.57	U	.51	U	.52	U	.51	U
ETALS													
uminum	UG/L	30.8	J	400.		1,060.		492.	J	114.	J	67.	J
ntimony	UG/L	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
rsenic	UG/L	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
arium	UG/L	78.2	J	100.	J	57.5	J	90.9	J	35.1	J	54.	J
eryllium	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
admium	UG/L	.3	U	.3	U	1.1	J	1.4	J	.3	U	.3	U
alcium	UG/L	102,000.		134,000.		105,000.		192,000.		64,800.		112,000.	
hromium	UG/L	.7	U	1.	J	1.5	J	1.6	J	2.1	J	.7	U
obalt	UG/L	1.5	U	1.5	U	1.5	U	1.8	J	1.5	U	1.5	U
opper	UG/L	1.	U	1.6	J	2.	J	2.5	J	2.4	J	1.2	J
on	UG/L	46.7	J	612.	J	1,350.	J	1,370.	J	178.	J	80.5	J
ead	UG/L	.9	U	.9	U	.9	U	.9	U	.9	U	1.3	J
agnesium	UG/L	21,600.		29,700.		27,900.		72,500.		11,400.		22,500.	
anganese	UG/L	177.		9.3	J	66.6		74.		1.4	J	34.2	
ercury	UG/L	.1	J	.1	UJ	.1	UJ	.1	J	.1	UJ	.1	UJ
ickel	UG/L	2.6	J	2.6	J	4.2	J	4.	J	1.4	U	1.6	J
otassium	UG/L	4,410.	J	1,380.	J	3,080.	J	3,330.	J	7,260.		3,460.	J
elenium	UG/L	1.8	U	1.8	U	1.8	U	1.8	U	3.5	J	2.	J
ilver	UG/L	.9	U	.9	U	.9	U	1.5	J	.9	U	1.2	J
odium	UG/L	9,100.		11,700.		4,480.	J	32,700.		20,200.		20,700.	
hallium	UG/L	5.2	J	3.4	J	1.9	U	4.2	J	4.5	J	5.7	J
anadium	UG/L	1.6	U	1.6	U	1.7	J	1.7	U	1.6	U	1.6	U
inc	UG/L	10.	J	4.	J	5.6	J	6.	J	22.7		5.3	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 73317

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73317		73317		73317		73317		73317		73317		73317	
	LOC ID:	MW12-18		MW-12B1		MW12-33		MW12-15		MW12-40		MW12-37		MW12-38	
	SAMP_ID:	122019		122021		122022		122023		122024		122025		122026	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	12.5		17		15.5		14		11.5		11		8.5	
	SAMP. DEPTH BOT:	12.5		17		15.5		14		11.5		11		8.5	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	20-Apr-99		21-Apr-99		21-Apr-99		21-Apr-99		22-Apr-99		22-Apr-99		22-Apr-99	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES															
,1-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
,2,2-Tetrachloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
,2-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
-Dichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
-Dichloropropane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
etone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	420.	U	5.	U
nzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
romodichloromethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
romoform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
rbon disulfide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
rbon tetrachloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
orobenzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
orodibromomethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
oroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
oroform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
-1,2-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
yl benzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
thyl bromide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
thyl butyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	UJ	420.	UJ	5.	U
thyl chloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
thyl ethyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U	420.	U	5.	U
thyl isobutyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	UJ	420.	UJ	5.	U
thylene chloride	UG/L	2.	U	2.	U	2.	U	2.	U	2.	U	170.	U	2.	U
rene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
rachloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
uene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
al Xylenes	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
ns-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
chloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	.5	J	1,600.		1.	U
yl chloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U	83.	U	1.	U
MI-VOLATILES															
4-Trichlorobenzene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Dichlorobenzene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Dichlorobenzene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Dichlorobenzene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
5-Trichlorophenol	UG/L	2.6	U	2.6	U	2.8	U	2.5	U	2.8	U	3.	U	2.8	U
6-Trichlorophenol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Dichlorophenol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Dimethylphenol	UG/L	1.1	UJ	1.	U	1.1	U	1.	U	1.1	U	1.2	UJ	1.1	U
-Dinitrophenol	UG/L	2.6	R	2.6	U	2.8	U	2.5	U	2.8	R	3.	R	2.8	R
-Dinitrotoluene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Dinitrotoluene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
hloronaphthalene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
hlorophenol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
ethylnaphthalene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
ethylphenol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
itroaniline	UG/L	2.6	U	2.6	U	2.8	U	2.5	U	2.8	U	3.	U	2.8	U
itrophenol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Dichlorobenzidine	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	UJ	1.2	U	1.1	U
itroaniline	UG/L	2.6	U	2.6	U	2.8	U	2.5	U	2.8	UJ	3.	U	2.8	U
-Dinitro-2-methylphenol	UG/L	2.6	UJ	2.6	U	2.8	U	2.5	U	2.8	UJ	3.	UJ	2.8	U
romophenyl phenyl ether	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
hloro-3-methylphenol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U

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PHASE 2 - VALIDATED DATA
SDG 73317

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73317		73317		73317		73317		73317		73317		73317	
	LOC ID:	MW12-18		MW-12B1		MW12-33		MW12-15		MW12-40		MW12-37		MW12-38	
	SAMP_ID:	122019		122021		122022		122023		122024		122025		122026	
	FIELD QC CODE:	DU		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	12.5		17		15.5		14		11.5		11		8.5	
	SAMP. DEPTH BOT:	12.5		17		15.5		14		11.5		11		8.5	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	20-Apr-99		21-Apr-99		21-Apr-99		21-Apr-99		22-Apr-99		22-Apr-99		22-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-Chloroaniline	UG/L	1.1	UJ	1.	U	1.1	U	1.	U	1.1	UJ	1.2	UJ	1.1	U
-Chlorophenyl phenyl ether	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Methylphenol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Nitroaniline	UG/L	2.6	U	2.6	U	2.8	U	2.5	U	2.8	UJ	3.	U	2.8	U
-Nitrophenol	UG/L	2.6	UJ	2.6	U	2.8	U	2.5	U	2.8	UJ	3.	UJ	2.8	U
cenaphthene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
cenaphthylene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
nthracene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
enzo[a]anthracene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
enzo[a]pyrene	UG/L	1.1	U	1.	U	1.1	U	1.	U	.097	J	1.2	U	1.1	U
enzo[b]fluoranthene	UG/L	1.1	U	1.	U	1.1	U	1.	U	.076	J	1.2	U	1.1	U
enzo[ghi]perylene	UG/L	1.1	U	1.	U	1.1	U	1.	U	.18	J	1.2	U	1.1	U
enzo[k]fluoranthene	UG/L	1.1	U	1.	U	1.1	U	1.	U	.091	J	1.2	U	1.1	U
is(2-Chloroethoxy)methane	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
is(2-Chloroethyl)ether	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
is(2-Chloroisopropyl)ether	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
is(2-Ethylhexyl)phthalate	UG/L	1.1	U	1.3	U	1.1	U	1.	U	2.4	UJ	4.2	U	1.1	U
utylbenzylphthalate	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
arbazole	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
hrysene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
i-n-butylphthalate	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
i-n-octylphthalate	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	UJ	1.2	U	.074	J
ibenz[a,h]anthracene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
ibenzofuran	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
iethyl phthalate	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
imethylphthalate	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
luoranthene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
luorene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
exachlorobenzene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
exachlorobutadiene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
exachlorocyclopentadiene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
exachloroethane	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
deno[1,2,3-cd]pyrene	UG/L	1.1	U	1.	U	1.1	U	1.	U	.1	J	1.2	U	1.1	U
ophorone	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Nitrosodiphenylamine	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
-Nitrosodipropylamine	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
aphthalene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
itrobenzene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
entachlorophenol	UG/L	2.6	UJ	2.6	U	2.8	U	2.5	U	2.8	UJ	3.	UJ	2.8	U
henanthrene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
henol	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	.13	J	1.1	U
yrene	UG/L	1.1	U	1.	U	1.1	U	1.	U	1.1	U	1.2	U	1.1	U
ESTICIDES/PCBs															
4'-DDD	UG/L	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
4'-DDE	UG/L	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
4'-DDT	UG/L	.018	J	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
ldrin	UG/L	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
lpha-BHC	UG/L	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	U
lpha-Chlordane	UG/L	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
roclor-1016	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
roclor-1221	UG/L	.2	U	.2	U	.2	U	.2	U	.21	U	.2	U	.21	U
roclor-1232	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
roclor-1242	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
roclor-1248	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
roclor-1254	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
roclor-1260	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
eta-BHC	UG/L	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	UJ	.005	U

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PHASE 2 - VALIDATED DATA
SDG 73317

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	73317		73317		73317		73317		73317		73317		73317	
		LOC ID:	MW12-18		MW-12B1		MW12-33		MW12-15		MW12-40		MW12-37		MW12-38	
		SAMP_ID:	122019		122021		122022		122023		122024		122025		122026	
		FIELD QC CODE:	DU		SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	12.5		17		15.5		14		11.5		11		8.5	
		SAMP. DEPTH BOT:	12.5		17		15.5		14		11.5		11		8.5	
		MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
		SAMP. DATE:	20-Apr-99		21-Apr-99		21-Apr-99		21-Apr-99		22-Apr-99		22-Apr-99		22-Apr-99	
RAMETER	UNIT		VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
lta-BHC	UG/L		.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
ldrin	UG/L		.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
dosulfan I	UG/L		.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
dosulfan II	UG/L		.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
dosulfan sulfate	UG/L		.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
drin	UG/L		.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
drin aldehyde	UG/L		.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
drin ketone	UG/L		.01	U	.01	U	.01	U	.01	U	.01	U	.01	U	.01	U
mma-BHC/Lindane	UG/L		.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
mma-Chlordane	UG/L		.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
ptachlor	UG/L		.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
ptachlor epoxide	UG/L		.005	U	.005	U	.005	U	.005	U	.005	U	.005	U	.005	U
thoxychlor	UG/L		.051	U	.05	U	.05	U	.05	U	.052	U	.05	U	.052	U
xaphene	UG/L		.51	U	.5	U	.5	U	.5	U	.52	U	.5	U	.52	U
TALS																
minum	UG/L		707.	J	103.	J	513.	J	1,210.	J	309.	J	482.	J	29.2	J
imony	UG/L		2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.2	U
enic	UG/L		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
ium	UG/L		82.	J	64.4	J	144.	J	140.	J	47.7	J	95.4	J	108.	J
yllium	UG/L		.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
dmium	UG/L		.3	UJ	.3	U	.3	U	.3	U	.3	U	.3	U	.3	U
cium	UG/L		176,000.	J	142,000.	J	110,000.	J	104,000.	J	97,600.	J	120,000.	J	171,000.	J
romium	UG/L		1.5	J	1.2	U	2.2	J	2.5	J	1.2	U	1.5	J	1.2	U
balt	UG/L		1.5	UJ	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
pper	UG/L		1.	UJ	1.	U	1.2	J	1.6	J	1.	U	1.8	J	1.	U
n	UG/L		1,530.	J	161.	J	1,120.	J	1,610.	J	387.	J	677.	J	18.9	J
d	UG/L		.9	U	.9	U	.9	U	.9	U	.9	U	.9	U	.9	U
gnesium	UG/L		72,800.	J	45,900.	J	29,100.	J	29,900.	J	19,600.	J	22,600.	J	35,100.	J
nganese	UG/L		73.6	J	22.4	J	57.8	J	53.7	J	23.9	J	131.	J	306.	J
rcury	UG/L		.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
kel	UG/L		2.7	J	4.2	J	1.6	J	3.	J	2.6	J	8.6	J	9.9	J
assium	UG/L		3,730.	J	1,890.	J	2,130.	J	1,820.	J	2,260.	J	4,790.	J	6,250.	J
enium	UG/L		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
ver	UG/L		.9	UJ	.9	U	.9	U	.9	U	.9	U	1.5	J	.9	U
dium	UG/L		31,700.	J	31,400.	J	6,300.	J	5,170.	J	2,870.	J	35,600.	J	178,000.	J
allium	UG/L		1.9	UJ	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
nadium	UG/L		1.6	UJ	1.6	U	1.6	U	2.5	J	1.6	U	2.2	J	1.6	U
c	UG/L		3.1	UJ	3.1	U	4.6	J	7.1	J	11.	J	3.3	J	3.1	U

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PHASE 2 - VALIDATED DATA
SDG 73317

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73317		73317		73317		73317		73317		73317		73317	
	LOC ID:	MW12-39		MW12-35		MW57-1		MW12-B3		MW12-B2		MW12-31		MW12-1	
	SAMP_ID:	122027		122028		122029		122030		122031		122032		122033	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8.2		35		7		14		14		10.5		7.5	
	SAMP. DEPTH BOT:	8.2		35		7		14		14		10.5		7.5	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	22-Apr-99		23-Apr-99		23-Apr-99		23-Apr-99		23-Apr-99		24-Apr-99		25-Apr-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
OLATILES															
,1-Trichloroethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
,2,2-Tetrachloroethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
,2-Trichloroethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
-Dichloroethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
-Dichloroethene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
2-Dichloroethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
2-Dichloropropane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
etone	UG/L	6.	U	5.	U			5.	U	5.	U	5.	U		
nzene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
omodichloromethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
omoform	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
rbon disulfide	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
rbon tetrachloride	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
lorobenzene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
lorodibromomethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
loroethane	UG/L	1.	U	1.	U			1.	U	1.	U	1.	UJ		
loroform	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
s-1,2-Dichloroethene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
s-1,3-Dichloropropene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
hyl benzene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
ethyl bromide	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
ethyl butyl ketone	UG/L	5.	UJ	5.	UJ			5.	UJ	5.	UJ	5.	U		
ethyl chloride	UG/L	1.	U	1.	U			1.	U	1.	U	1.	UJ		
ethyl ethyl ketone	UG/L	5.	U	5.	U			5.	U	5.	U	5.	U		
ethyl isobutyl ketone	UG/L	5.	UJ	5.	UJ			5.	UJ	5.	UJ	5.	U		
ethylene chloride	UG/L	2.	U	2.	U			2.	U	2.	U	2.	U		
yrene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
trachloroethene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
luene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
tal Xylenes	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
ans-1,3-Dichloropropene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
chloroethene	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
hyl chloride	UG/L	1.	U	1.	U			1.	U	1.	U	1.	U		
MI-VOLATILES															
,4-Trichlorobenzene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	UJ		
2-Dichlorobenzene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
-Dichlorobenzene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
-Dichlorobenzene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	UJ		
,5-Trichlorophenol	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	U		
,6-Trichlorophenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
-Dichlorophenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
-Dimethylphenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
-Dinitrophenol	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	U		
-Dinitrotoluene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
-Dinitrotoluene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Chloronaphthalene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Chlorophenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Methylnaphthalene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Methylphenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Nitroaniline	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	U		
Nitrophenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
'-Dichlorobenzidine	UG/L	1.1	U	1.1	UJ			1.	UJ	1.	UJ	1.	UJ		
Nitroaniline	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	U		
-Dinitro-2-methylphenol	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	U		
Bromophenyl phenyl ether	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Chloro-3-methylphenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		

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PHASE 2 - VALIDATED DATA
SDG 73317

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73317		73317		73317		73317		73317		73317		73317	
	LOC ID:	MW12-39		MW12-35		MW57-1		MW12-B3		MW12-B2		MW12-31		MW12-1	
	SAMP_ID:	122027		122028		122029		122030		122031		122032		122033	
	FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	8.2		35		7		14		14		10.5		7.5	
	SAMP. DEPTH BOT:	8.2		35		7		14		14		10.5		7.5	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	22-Apr-99		23-Apr-99		23-Apr-99		23-Apr-99		23-Apr-99		24-Apr-99		25-Apr-99	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/L	1.1	U	1.1	UJ			1.	UJ	1.	UJ	1.	UJ		
Chlorophenyl phenyl ether	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Methylphenol	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Nitroaniline	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	U		
Nitrophenol	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	U		
enaphthene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
enaphthylene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
thracene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
nzo[a]anthracene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
nzo[a]pyrene	UG/L	.058	J	1.1	U			1.	U	1.	U	1.	U		
nzo[b]fluoranthene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
nzo[ghi]perylene	UG/L	.072	J	1.1	U			.075	J	1.	U	1.	U		
nzo[k]fluoranthene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
(2-Chloroethoxy)methane	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
(2-Chloroethyl)ether	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
(2-Chloroisopropyl)ether	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
(2-Ethylhexyl)phthalate	UG/L	1.8	U	1.1	U			1.	U	1.6	U	1.	U		
ylbenzylphthalate	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
rbazole	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
rysene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
n-butylphthalate	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
n-octylphthalate	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
enz[a,h]anthracene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
enzofuran	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
thyl phthalate	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
nethylphthalate	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
oranthene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
orene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
xachlorobenzene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
xachlorobutadiene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
xachlorocyclopentadiene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
xachloroethane	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
eno[1,2,3-cd]pyrene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
phorone	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Nitrosodiphenylamine	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
Nitrosodipropylamine	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
phthalene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
robenzene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
ntachlorophenol	UG/L	2.8	U	2.7	U			2.5	U	2.6	U	2.5	R		
enanthrene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
enol	UG/L	.12	J	1.1	U			1.	U	1.	U	1.	U		
rene	UG/L	1.1	U	1.1	U			1.	U	1.	U	1.	U		
STICIDES/PCBs															
'-DDD	UG/L	.01	U	.01	U			.01	U	.01	U	.01	U		
'-DDE	UG/L	.01	U	.01	U			.01	U	.01	U	.01	U		
'-DDT	UG/L	.01	U	.01	U			.01	U	.01	U	.01	U		
rin	UG/L	.005	U	.005	U			.005	U	.005	U	.005	U		
ha-BHC	UG/L	.005	UJ	.005	UJ			.005	UJ	.005	UJ	.005	UJ		
ha-Chlordane	UG/L	.005	U	.005	U			.005	U	.005	U	.005	U		
clor-1016	UG/L	.1	U	.1	U			.1	U	.1	U	.1	U		
clor-1221	UG/L	.2	U	.2	U			.2	U	.2	U	.2	U		
clor-1232	UG/L	.1	U	.1	U			.1	U	.1	U	.1	U		
clor-1242	UG/L	.1	U	.1	U			.1	U	.1	U	.1	U		
clor-1248	UG/L	.1	U	.1	U			.1	U	.1	U	.1	U		
clor-1254	UG/L	.1	U	.1	U			.1	U	.1	U	.1	U		
clor-1260	UG/L	.1	U	.1	U			.1	U	.1	U	.1	U		
a-BHC	UG/L	.005	UJ	.005	UJ			.005	UJ	.005	UJ	.005	UJ		

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PHASE 2 - VALIDATED DATA
SDG 73317

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	73317		73317		73317		73317		73317		73317		73317	
		LOC ID:	MW12-39		MW12-35		MW57-1		MW12-B3		MW12-B2		MW12-31		MW12-1	
		SAMP_ID:	122027		122028		122029		122030		122031		122032		122033	
		FIELD QC CODE:	SA		SA		SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	8.2		35		7		14		14		10.5		7.5	
		SAMP. DEPTH BOT:	8.2		35		7		14		14		10.5		7.5	
		MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
		SAMP. DATE:	22-Apr-99		23-Apr-99		23-Apr-99		23-Apr-99		23-Apr-99		24-Apr-99		25-Apr-99	
ARAMETER	UNIT		VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/L		.005	U	.005	U			.005	U	.005	U	.005	U		
ieldrin	UG/L		.01	U	.01	U			.01	U	.01	U	.01	U		
ndosulfan I	UG/L		.005	U	.005	U			.005	U	.005	U	.005	U		
ndosulfan II	UG/L		.01	U	.01	U			.01	U	.01	U	.01	U		
ndosulfan sulfate	UG/L		.01	U	.01	U			.01	U	.01	U	.01	U		
ndrin	UG/L		.01	U	.01	U			.01	U	.01	U	.01	U		
ndrin aldehyde	UG/L		.01	U	.01	U			.01	U	.01	U	.01	U		
ndrin ketone	UG/L		.01	U	.01	U			.01	U	.01	U	.01	U		
amma-BHC/Lindane	UG/L		.005	U	.005	U			.005	U	.005	U	.005	U		
amma-Chlordane	UG/L		.005	U	.005	U			.005	U	.005	U	.005	U		
eptachlor	UG/L		.005	U	.005	U			.005	U	.005	U	.005	U		
eptachlor epoxide	UG/L		.005	U	.005	U			.005	U	.005	U	.005	U		
ethoxychlor	UG/L		.051	U	.051	U			.05	U	.051	U	.05	U		
oxaphene	UG/L		.51	U	.51	U			.5	U	.51	U	.5	U		
ETALS																
luminum	UG/L		356.	J	174.	J	716.	J	201.	J	23.9	J	57.3	J	92.4	J
ntimony	UG/L		2.2	U	2.2	U	2.2	U	2.2	U	2.2	U	2.4	J	2.2	U
rsenic	UG/L		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
arium	UG/L		48.8	J	84.6	J	15.7	J	134.	J	68.3	J	39.	J	47.	J
eryllium	UG/L		.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
admium	UG/L		.3	U	.3	U	.3	U	.3	U	.3	U	.3	U	.38	J
alcium	UG/L		26,000.	J	71,200.	J	49,400.	J	130,000.	J	164,000.	J	112,000.	J	71,700.	J
hromium	UG/L		2.3	J	1.5	J	1.3	J	1.3	J	1.4	J	1.2	U	1.2	U
obalt	UG/L		1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.8	J
opper	UG/L		1.7	J	1.7	J	2.3	J	1.	U	1.	U	1.5	J	2.8	J
on	UG/L		182.	J	211.	J	446.	J	207.	J	14.9	U	43.7	J	121.	J
ead	UG/L		.9	U	.9	U	.9	U	.9	U	.9	U	.9	U	.9	U
agnesium	UG/L		3,900.	J	51,200.	J	6,330.	J	39,900.	J	62,400.	J	23,300.	J	32,100.	J
anganese	UG/L		.4	U	22.1	J	5.	J	6.3	J	52.6	J	45.7	J	9.2	J
ercury	UG/L		.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
ickel	UG/L		2.	J	1.4	U	2.	J	1.4	U	2.4	J	2.7	J	3.6	J
otassium	UG/L		14,200.	J	4,810.	J	567.	J	1,290.	J	2,220.	J	2,800.	J	1,830.	J
elenium	UG/L		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	UJ	2.2	J
ilver	UG/L		.9	U	.9	U	.9	U	.9	U	.9	U	.9	U	2.6	J
odium	UG/L		310,000.	J	36,400.	J	5,730.	J	9,120.	J	19,200.	J	10,100.	J	3,880.	J
hallium	UG/L		1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U	4.5	J
anadium	UG/L		5.3	J	1.6	U	1.6	U	1.6	U	1.6	U	1.6	U	1.8	J
inc	UG/L		8.4	J	3.1	U	4.5	J	3.1	U	7.8	J	8.4	J	7.4	J

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PHASE 2 - VALIDATED DATA
SDG 73317

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	73317		73317		73317		73317		73317	
		LOC ID:	MW12-2		MW12-3		MW12-4		MW12-5		MW12-11	
		SAMP_ID:	122034		122035		122036		122037		122038	
		FIELD QC CODE:	SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	6.5		18		12		16		13	
		SAMP. DEPTH BOT:	6.5		18		12		16		13	
		MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
		SAMP. DATE:	25-Apr-99		25-Apr-99		25-Apr-99		25-Apr-99		25-Apr-99	
RAMETER	UNIT		VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
LATILES												
1-Trichloroethane	UG/L										1.	U
2,2-Tetrachloroethane	UG/L										1.	U
2-Trichloroethane	UG/L										1.	U
-Dichloroethane	UG/L										1.	U
-Dichloroethene	UG/L										1.	U
-Dichloroethane	UG/L										1.	U
-Dichloropropane	UG/L										1.	U
tone	UG/L										5.	U
nzene	UG/L										1.	U
modichloromethane	UG/L										1.	U
moform	UG/L										1.	U
rbon disulfide	UG/L										1.	U
rbon tetrachloride	UG/L										1.	U
orobenzene	UG/L										1.	U
orodibromomethane	UG/L										1.	U
oroethane	UG/L										1.	UJ
oroform	UG/L										1.	U
-1,2-Dichloroethene	UG/L										1.	U
-1,3-Dichloropropene	UG/L										1.	U
yl benzene	UG/L										1.	U
thyl bromide	UG/L										1.	U
thyl butyl ketone	UG/L										5.	U
thyl chloride	UG/L										1.	UJ
thyl ethyl ketone	UG/L										5.	U
thyl isobutyl ketone	UG/L										5.	U
thylene chloride	UG/L										2.	U
rene	UG/L										1.	U
rachloroethene	UG/L										1.	U
uene	UG/L										1.	U
al Xylenes	UG/L										1.	U
ns-1,3-Dichloropropene	UG/L										1.	U
chloroethene	UG/L										1.	U
yl chloride	UG/L										1.	U
MI-VOLATILES												
4-Trichlorobenzene	UG/L										1.1	UJ
-Dichlorobenzene	UG/L										1.1	U
-Dichlorobenzene	UG/L										1.1	U
-Dichlorobenzene	UG/L										1.1	UJ
5-Trichlorophenol	UG/L										2.6	U
6-Trichlorophenol	UG/L										1.1	U
-Dichlorophenol	UG/L										1.1	U
-Dimethylphenol	UG/L										1.1	U
-Dinitrophenol	UG/L										2.6	U
-Dinitrotoluene	UG/L										1.1	U
-Dinitrotoluene	UG/L										1.1	U
hloronaphthalene	UG/L										1.1	U
hlorophenol	UG/L										1.1	U
lethylnaphthalene	UG/L										1.1	U
lethylphenol	UG/L										1.1	U
itroaniline	UG/L										2.6	U
itrophenol	UG/L										1.1	U
-Dichlorobenzidine	UG/L										1.1	UJ
itroaniline	UG/L										2.6	U
-Dinitro-2-methylphenol	UG/L										2.6	U
romophenyl phenyl ether	UG/L										1.1	U
hloro-3-methylphenol	UG/L										1.1	U

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PHASE 2 - VALIDATED DATA
SDG 73317

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73317		73317		73317		73317		73317	
	LOC ID:	MW12-2		MW12-3		MW12-4		MW12-5		MW12-11	
	SAMP_ID:	122034		122035		122036		122037		122038	
	FIELD QC CODE:	SA		SA		SA		SA		SA	
	SAMP. DEPTH TOP:	6.5		18		12		16		13	
	SAMP. DEPTH BOT:	6.5		18		12		16		13	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	25-Apr-99		25-Apr-99		25-Apr-99		25-Apr-99		25-Apr-99	
RAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Chloroaniline	UG/L									1.1	UJ
Chlorophenyl phenyl ether	UG/L									1.1	U
Methylphenol	UG/L									1.1	U
Nitroaniline	UG/L									2.6	U
Nitrophenol	UG/L									2.6	U
enaphthene	UG/L									1.1	U
enaphthylene	UG/L									1.1	U
thracene	UG/L									1.1	U
nzo[a]anthracene	UG/L									1.1	U
nzo[a]pyrene	UG/L									1.1	U
nzo[b]fluoranthene	UG/L									1.1	U
nzo[ghi]perylene	UG/L									1.1	U
nzo[k]fluoranthene	UG/L									1.1	U
s(2-Chloroethoxy)methane	UG/L									1.1	U
s(2-Chloroethyl)ether	UG/L									1.1	U
s(2-Chloroisopropyl)ether	UG/L									1.1	U
s(2-Ethylhexyl)phthalate	UG/L									1.1	U
tylbenzylphthalate	UG/L									1.1	U
rbazole	UG/L									1.1	U
rysene	UG/L									1.1	U
n-butylphthalate	UG/L									1.1	U
n-octylphthalate	UG/L									1.1	U
benz[a,h]anthracene	UG/L									1.1	U
benzofuran	UG/L									1.1	U
ethyl phthalate	UG/L									1.1	U
methylphthalate	UG/L									1.1	U
oranthene	UG/L									1.1	U
orene	UG/L									1.1	U
xachlorobenzene	UG/L									1.1	U
xachlorobutadiene	UG/L									1.1	U
xachlorocyclopentadiene	UG/L									1.1	U
xachloroethane	UG/L									1.1	U
deno[1,2,3-cd]pyrene	UG/L									1.1	U
phorone	UG/L									1.1	U
Nitrosodiphenylamine	UG/L									1.1	U
Nitrosodipropylamine	UG/L									1.1	U
phthalene	UG/L									1.1	U
robenzene	UG/L									1.1	U
ntachlorophenol	UG/L									2.6	R
enanthrene	UG/L									1.1	U
enol	UG/L									1.1	U
rene	UG/L									1.1	U
STICIDES/PCBs											
'-DDD	UG/L									.011	U
'-DDE	UG/L									.011	U
'-DDT	UG/L									.011	U
drin	UG/L									.006	U
pha-BHC	UG/L									.006	UJ
pha-Chlordane	UG/L									.006	U
oclor-1016	UG/L									.11	U
oclor-1221	UG/L									.22	U
oclor-1232	UG/L									.11	U
oclor-1242	UG/L									.11	U
oclor-1248	UG/L									.11	U
oclor-1254	UG/L									.11	U
oclor-1260	UG/L									.11	U
ta-BHC	UG/L									.006	UJ

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PHASE 2 - VALIDATED DATA
SDG 73317

		STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
		SDG:	73317		73317		73317		73317		73317	
		LOC ID:	MW12-2		MW12-3		MW12-4		MW12-5		MW12-11	
		SAMP_ID:	122034		122035		122036		122037		122038	
		FIELD QC CODE:	SA		SA		SA		SA		SA	
		SAMP. DEPTH TOP:	6.5		18		12		16		13	
		SAMP. DEPTH BOT:	6.5		18		12		16		13	
		MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
		SAMP. DATE:	25-Apr-99		25-Apr-99		25-Apr-99		25-Apr-99		25-Apr-99	
RAMETER	UNIT		VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
ta-BHC	UG/L										.006	U
ldrin	UG/L										.011	U
losulfan I	UG/L										.006	U
losulfan II	UG/L										.011	U
losulfan sulfate	UG/L										.011	U
drin	UG/L										.011	U
drin aldehyde	UG/L										.011	U
drin ketone	UG/L										.011	U
mma-BHC/Lindane	UG/L										.006	U
mma-Chlordane	UG/L										.006	U
otachlor	UG/L										.006	U
otachlor epoxide	UG/L										.006	U
thoxychlor	UG/L										.056	U
xaphene	UG/L										.56	U
TALS												
minum	UG/L		202.	J	241.	J	802.	J	333.	J	65.9	J
imony	UG/L		2.2	U	2.2	U	2.2	U	2.7	J	2.2	U
enic	UG/L		1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
ium	UG/L		51.6	J	54.8	J	232.	J	86.6	J	37.5	J
yllium	UG/L		.1	U	.1	U	.1	U	.1	U	.1	U
dmium	UG/L		1.5	J	.3	U	.3	U	.3	U	.3	U
cium	UG/L		90,800.	J	91,400.	J	111,000.	J	108,000.	J	49,400.	J
romium	UG/L		1.2	U	1.2	U	2.1	J	1.3	J	1.2	U
balt	UG/L		1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
pper	UG/L		1.8	J	1.	U	1.	U	1.	U	1.	U
	UG/L		252.	J	327.	J	1,320.	J	435.	J	30.	J
d	UG/L		.9	U	.9	U	.9	U	.9	U	.9	U
gnesium	UG/L		14,600.	J	28,300.	J	31,200.	J	47,400.	J	6,680.	J
nganese	UG/L		42.	J	14.1	J	86.8	J	33.8	J	23.9	J
rcury	UG/L		.65	J	.1	U	.1	U	.1	U	.1	U
kel	UG/L		1.4	U	3.	J	2.5	J	12.	J	1.4	U
assium	UG/L		1,950.	J	2,460.	J	2,270.	J	1,830.	J	968.	J
enium	UG/L		1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ	1.8	UJ
er	UG/L		.9	U	.9	U	.9	U	.9	U	.9	U
dium	UG/L		5,950.	J	4,540.	J	26,400.	J	9,660.	J	2,700.	J
llium	UG/L		1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
nadium	UG/L		1.6	U	1.6	U	1.6	U	1.6	U	1.6	U
c	UG/L		3.4	J	4.5	J	6.	J	11.1	J	3.1	U

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PHASE 2 - VALIDATED DATA
SDG 73535

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73535		73535		73535		73535		73535		73535		73535	
	LOC ID:	MW12-25		MW12-10		MW12-12		MW12-6		MW12-25		MW12-7		MW12-34	
	SAMP_ID:	122039		122040		122041		122042		122043		122044		122045	
	FIELD QC CODE:	SA		SA		SA		SA		DU		SA		SA	
	SAMP. DEPTH TOP:	11		13.5		13.5		9.5		11		14		15	
	SAMP. DEPTH BOT:	11		13.5		13.5		9.5		11		14		15	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	4-May-99		6-May-99		4-May-99		4-May-99		4-May-99		5-May-99		5-May-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	
OLATILES															
1,1-Trichloroethane	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
1,2,2-Tetrachloroethane	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
1,2-Trichloroethane	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
1-Dichloroethane	UG/L	1.	UJ	1.	UJ	1.	UJ			1.	UJ	1.	U	1.	
1-Dichloroethene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
2-Dichloroethane	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
2-Dichloropropane	UG/L	1.	UJ	1.	UJ	1.	UJ			1.	UJ	1.	UJ	1.	
cetone	UG/L	5.	U	5.	U	5.	U			5.	U	5.	U	5.	
enzene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
romodichloromethane	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
romoform	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
arbon disulfide	UG/L	1.	UJ	1.	UJ	1.	UJ			1.	UJ	1.	U	1.	
arbon tetrachloride	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
hlorobenzene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
hlorodibromomethane	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
hloroethane	UG/L	1.	UJ	1.	UJ	1.	UJ			1.	UJ	1.	UJ	1.	
hloroform	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
is-1,2-Dichloroethene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
is-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
thyl benzene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
ethyl bromide	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
ethyl butyl ketone	UG/L	5.	U	5.	U	5.	U			5.	U	5.	U	5.	
ethyl chloride	UG/L	1.	UJ	1.	UJ	1.	UJ			1.	UJ	1.	UJ	1.	
ethyl ethyl ketone	UG/L	5.	U	5.	U	5.	U			5.	U	5.	U	5.	
ethyl isobutyl ketone	UG/L	5.	U	5.	U	5.	U			5.	U	5.	UJ	5.	
ethylene chloride	UG/L	2.	U	2.	U	2.	U			2.	U	2.	U	2.	
tyrene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
etrachloroethene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
oluene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
otal Xylenes	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
rans-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
richloroethene	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
inyl chloride	UG/L	1.	U	1.	U	1.	U			1.	U	1.	U	1.	
EMI-VOLATILES															
2,4-Trichlorobenzene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
2-Dichlorobenzene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
3-Dichlorobenzene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
4-Dichlorobenzene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
4,5-Trichlorophenol	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	
4,6-Trichlorophenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
4-Dichlorophenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
4-Dimethylphenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
4-Dinitrophenol	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	
4-Dinitrotoluene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
6-Dinitrotoluene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
-Chloronaphthalene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
-Chlorophenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
-Methylnaphthalene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
-Methylphenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
-Nitroaniline	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	
-Nitrophenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
3'-Dichlorobenzidine	UG/L	1.1	UJ	1.	UJ	1.	UJ			1.	UJ	1.	UJ	1.	
-Nitroaniline	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	
6-Dinitro-2-methylphenol	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	
-Bromophenyl phenyl ether	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	
-Chloro-3-methylphenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	

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PHASE 2 - VALIDATED DATA
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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73535		73535		73535		73535		73535		73535		73535	
	LOC ID:	MW12-25		MW12-10		MW12-12		MW12-6		MW12-25		MW12-7		MW12-34	
	SAMP_ID:	122039		122040		122041		122042		122043		122044		122045	
	FIELD QC CODE:	SA		SA		SA		SA		DU		SA		SA	
	SAMP. DEPTH TOP:	11		13.5		13.5		9.5		11		14		15	
	SAMP. DEPTH BOT:	11		13.5		13.5		9.5		11		14		15	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	4-May-99		6-May-99		4-May-99		4-May-99		4-May-99		5-May-99		5-May-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-Chloroaniline	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
-Chlorophenyl phenyl ether	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
-Methylphenol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
-Nitroaniline	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	U
-Nitrophenol	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	U
cenaphthene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
cenaphthylene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
nthracene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
enzo[a]anthracene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
enzo[a]pyrene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
enzo[b]fluoranthene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
enzo[ghi]perylene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
enzo[k]fluoranthene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
is(2-Chloroethoxy)methane	UG/L	1.1	UJ	1.	UJ	1.	UJ			1.	UJ	1.	UJ	1.	U
is(2-Chloroethyl)ether	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
is(2-Chloroisopropyl)ether	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
is(2-Ethylhexyl)phthalate	UG/L	2.8	U	1.7	U	1.	U			1.	U	1.	U	1.	U
utylbenzylphthalate	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
arbazole	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
hrysene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
i-n-butylphthalate	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
i-n-octylphthalate	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
ibenz[a,h]anthracene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
ibenzofuran	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
iethyl phthalate	UG/L	1.1	U	1.	U	.053	J			1.	U	1.	U	.067	J
imethylphthalate	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
luoranthene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
luorene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
lexachlorobenzene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
lexachlorobutadiene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
lexachlorocyclopentadiene	UG/L	1.1	UJ	1.	UJ	1.	UJ			1.	UJ	1.	UJ	1.	U
lexachloroethane	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
ndeno[1,2,3-cd]pyrene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
sophorone	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
-Nitrosodiphenylamine	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
-Nitrosodipropylamine	UG/L	1.1	UJ	1.	UJ	1.	UJ			1.	UJ	1.	UJ	1.	U
aphthalene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
itrobenzene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
entachlorophenol	UG/L	2.8	U	2.6	U	2.5	U			2.6	U	2.5	U	2.5	U
henanthrene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
henol	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
yrene	UG/L	1.1	U	1.	U	1.	U			1.	U	1.	U	1.	U
ESTICIDES/PCBs															
,4'-DDD	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
,4'-DDE	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
,4'-DDT	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
ldrin	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
lpha-BHC	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
lpha-Chlordane	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
roclor-1016	UG/L	.11	U	.1	U	.11	U			.1	U	.1	U	.16	U
roclor-1221	UG/L	.21	U	.21	U	.21	U			.21	U	.2	U	.32	U
roclor-1232	UG/L	.11	U	.1	U	.11	U			.1	U	.1	U	.16	U
roclor-1242	UG/L	.11	U	.1	U	.11	U			.1	U	.1	U	.16	U
roclor-1248	UG/L	.11	U	.1	U	.11	U			.1	U	.1	U	.16	U
roclor-1254	UG/L	.11	U	.1	U	.11	U			.1	U	.1	U	.16	U
roclor-1260	UG/L	.11	U	.1	U	.11	U			.1	U	.1	U	.16	U
eta-BHC	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U

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PHASE 2 - VALIDATED DATA
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	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73535		73535		73535		73535		73535		73535		73535	
	LOC ID:	MW12-25		MW12-10		MW12-12		MW12-6		MW12-25		MW12-7		MW12-34	
	SAMP_ID:	122039		122040		122041		122042		122043		122044		122045	
	FIELD QC CODE:	SA		SA		SA		SA		DU		SA		SA	
	SAMP. DEPTH TOP:	11		13.5		13.5		9.5		11		14		15	
	SAMP. DEPTH BOT:	11		13.5		13.5		9.5		11		14		15	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	4-May-99		6-May-99		4-May-99		4-May-99		4-May-99		5-May-99		5-May-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
elta-BHC	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
eldrin	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
ndosulfan I	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
ndosulfan II	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
ndosulfan sulfate	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
ndrin	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
ndrin aldehyde	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
ndrin ketone	UG/L	.011	U	.01	U	.011	U			.01	U	.01	U	.016	U
amma-BHC/Lindane	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
amma-Chlordane	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
eptachlor	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
eptachlor epoxide	UG/L	.005	U	.005	U	.005	U			.005	U	.005	U	.008	U
ethoxychlor	UG/L	.053	U	.053	U	.053	U			.052	U	.051	U	.081	U
oxaphene	UG/L	.53	U	.53	U	.53	U			.52	U	.51	U	.81	U
ETALS															
uminum	UG/L	15.8	U	42.8	J	600.		340.		15.8	U	65.3	J	65.4	J
timony	UG/L	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U
senic	UG/L	2.9	U	4.7	J	4.5	J	4.	J	3.1	J	2.9	U	3.9	J
rium	UG/L	165.	J	80.8	J	76.4	J	42.7	J	166.	J	49.6	J	83.7	J
ryllium	UG/L	.3	U	.34	J	.36	J	.31	J	.35	J	.3	U	.3	U
dmium	UG/L	.91	J	.81	J	.93	J	.8	J	.7	J	.9	J	1.1	J
lcium	UG/L	156,000.		91,500.		109,000.		100,000.		151,000.		113,000.		138,000.	
romium	UG/L	1.3	J	1.2	U	2.3	J	1.2	U	1.6	J	1.2	U	1.3	J
balt	UG/L	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
pper	UG/L	4.4	J	4.1	J	4.7	J	5.2	J	4.4	J	4.1	J	4.4	J
n	UG/L	17.1	U	79.4	J	836.		1,060.		17.1	U	86.2	J	68.9	J
ad	UG/L	.9	U	.9	U	.9	U	.9	U	.9	U	.9	U	.9	U
agnesium	UG/L	41,700.		12,900.		24,700.		47,800.		40,300.		26,900.		43,000.	
anganese	UG/L	642.		44.		116.		41.2		586.		92.2		161.	
ercury	UG/L	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U	.1	U
ckel	UG/L	10.2	U	10.2	U	10.2	U	10.2	U	10.2	U	10.2	U	10.2	U
tassium	UG/L	1,260.	J	3,860.	J	1,240.	J	2,540.	J	1,390.	J	2,620.	J	7,260.	
lenium	UG/L	6.5	J	2.5	J	1.8	J	1.8	J	2.1	J	1.8	J	1.8	J
ver	UG/L	4.6	J	4.5	J	3.1	J	5.2	J	4.3	J	5.	J	4.8	J
dium	UG/L	4,480.	J	6,190.		2,960.	J	8,740.		4,600.	J	13,400.		18,400.	
allium	UG/L	6.	J	4.4	J	2.7	J	2.6	U	6.1	J	2.6	U	4.8	J
nadium	UG/L	3.8	U	3.8	U	4.	J	3.8	U	3.8	U	3.8	U	3.8	U
nc	UG/L	17.7	J	2.6	J	3.2	J	7.2	J	2.3	J	13.4	J	8.9	J

SEAD-12
PHASE 2 - VALIDATED DATA
SDG 73535

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73535		73535		73535		73535		73535	
	LOC ID:	MW12-8		MW12-13		MW12-7		MW12-14		MW12-9	
	SAMP_ID:	122046		122047		122048		122049		122050	
	FIELD QC CODE:	SA		SA		DU		SA		SA	
	SAMP. DEPTH TOP:	13		13.5		14		14.5		15	
	SAMP. DEPTH BOT:	13		13.5		14		14.5		15	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	6-May-99		6-May-99		5-May-99		6-May-99		6-May-99	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
VOLATILES											
1,1,1-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
1,1,2,2-Tetrachloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
1,1,2-Trichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
1,1-Dichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
1,1-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
1,2-Dichloroethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
1,2-Dichloropropane	UG/L	1.	UJ	1.	UJ	1.	UJ	1.	UJ	1.	UJ
Acetone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U
Benzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Bromodichloromethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Bromoform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Carbon disulfide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Carbon tetrachloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Chlorobenzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Chlorodibromomethane	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Chloroethane	UG/L	1.	UJ	1.	UJ	1.	UJ	1.	UJ	1.	UJ
Chloroform	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Cis-1,2-Dichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Cis-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Ethyl benzene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Methyl bromide	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Methyl butyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U
Methyl chloride	UG/L	1.	UJ	1.	UJ	1.	UJ	1.	UJ	1.	UJ
Methyl ethyl ketone	UG/L	5.	U	5.	U	5.	U	5.	U	5.	U
Methyl isobutyl ketone	UG/L	5.	UJ	5.	UJ	5.	UJ	5.	UJ	5.	UJ
Methylene chloride	UG/L	2.	U	2.	U	2.	U	2.	U	2.	U
Styrene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Tetrachloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Toluene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Total Xylenes	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Trans-1,3-Dichloropropene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Trichloroethene	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
Vinyl chloride	UG/L	1.	U	1.	U	1.	U	1.	U	1.	U
SEMI-VOLATILES											
1,2,4-Trichlorobenzene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
1,2-Dichlorobenzene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
1,3-Dichlorobenzene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
1,4-Dichlorobenzene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2,4,5-Trichlorophenol	UG/L	2.5	U	2.8	U	2.5	U	2.5	U	2.5	U
2,4,6-Trichlorophenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2,4-Dichlorophenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2,4-Dimethylphenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2,4-Dinitrophenol	UG/L	2.5	U	2.8	U	2.5	U	2.5	U	2.5	U
2,4-Dinitrotoluene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2,6-Dinitrotoluene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2-Chloronaphthalene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2-Chlorophenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2-Methylnaphthalene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2-Methylphenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
2-Nitroaniline	UG/L	2.5	UJ	2.8	U	2.5	U	2.5	UJ	2.5	UJ
2-Nitrophenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
3,3'-Dichlorobenzidine	UG/L	1.	U	1.1	UJ	1.	UJ	1.	U	1.	U
3-Nitroaniline	UG/L	2.5	U	2.8	U	2.5	U	2.5	U	2.5	U
4,6-Dinitro-2-methylphenol	UG/L	2.5	U	2.8	U	2.5	U	2.5	U	2.5	U
4-Bromophenyl phenyl ether	UG/L	1.	UJ	1.1	U	1.	U	1.	UJ	1.	UJ
4-Chloro-3-methylphenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U

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PHASE 2 - VALIDATED DATA
SDG 73535

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73535		73535		73535		73535		73535	
	LOC ID:	MW12-8		MW12-13		MW12-7		MW12-14		MW12-9	
	SAMP_ID:	122046		122047		122048		122049		122050	
	FIELD QC CODE:	SA		SA		DU		SA		SA	
	SAMP. DEPTH TOP:	13		13.5		14		14.5		15	
	SAMP. DEPTH BOT:	13		13.5		14		14.5		15	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	6-May-99		6-May-99		5-May-99		6-May-99		6-May-99	
ARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
-Chloroaniline	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
-Chlorophenyl phenyl ether	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
-Methylphenol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
-Nitroaniline	UG/L	2.5	UJ	2.8	U	2.5	U	2.5	UJ	2.5	UJ
-Nitrophenol	UG/L	2.5	U	2.8	U	2.5	U	2.5	U	2.5	U
cenaphthene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
cenaphthylene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
nthracene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
enzo[a]anthracene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
enzo[a]pyrene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
enzo[b]fluoranthene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
enzo[ghi]perylene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
enzo[k]fluoranthene	UG/L	1.	UJ	1.1	U	1.	U	1.	UJ	1.	UJ
is(2-Chloroethoxy)methane	UG/L	1.	UJ	1.1	UJ	1.	UJ	1.	UJ	1.	UJ
is(2-Chloroethyl)ether	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
is(2-Chloroisopropyl)ether	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
is(2-Ethylhexyl)phthalate	UG/L	1.	U	1.1	U	1.1	U	1.	U	1.	U
utylbenzylphthalate	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
arbazole	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
hrysene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
i-n-butylphthalate	UG/L	.16	J	1.1	U	1.	U	1.	U	1.	U
i-n-octylphthalate	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
ibenz[a,h]anthracene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
ibenzofuran	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
iethyl phthalate	UG/L	.055	J	.12	J	1.	U	1.	U	.05	J
imethylphthalate	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
uoranthene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
uorene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
exachlorobenzene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
exachlorobutadiene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
exachlorocyclopentadiene	UG/L	1.	UJ	1.1	UJ	1.	UJ	1.	UJ	1.	UJ
exachloroethane	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
deno[1,2,3-cd]pyrene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
ophorone	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
-Nitrosodiphenylamine	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
-Nitrosodipropylamine	UG/L	1.	UJ	1.1	UJ	1.	UJ	1.	UJ	1.	UJ
aphthalene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
itrobenzene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
entachlorophenol	UG/L	2.5	U	2.8	U	2.5	U	2.5	U	2.5	U
henanthrene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
henol	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
yrene	UG/L	1.	U	1.1	U	1.	U	1.	U	1.	U
ESTICIDES/PCBs											
4'-DDD	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
4'-DDE	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
4'-DDT	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
ldrin	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
lpha-BHC	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
lpha-Chlordane	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
roclor-1016	UG/L	.17	U	.13	U	.1	U	.1	U	.14	U
roclor-1221	UG/L	.34	U	.26	U	.2	U	.2	U	.28	U
roclor-1232	UG/L	.17	U	.13	U	.1	U	.1	U	.14	U
roclor-1242	UG/L	.17	U	.13	U	.1	U	.1	U	.14	U
roclor-1248	UG/L	.17	U	.13	U	.1	U	.1	U	.14	U
roclor-1254	UG/L	.17	U	.13	U	.1	U	.1	U	.14	U
roclor-1260	UG/L	.17	U	.13	U	.1	U	.1	U	.14	U
eta-BHC	UG/L	.009	U	.003	J	.005	U	.005	U	.007	U

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PHASE 2 - VALIDATED DATA
SDG 73535

	STUDY ID:	RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1		RI Phase 1 Step 1	
	SDG:	73535		73535		73535		73535		73535	
	LOC ID:	MW12-8		MW12-13		MW12-7		MW12-14		MW12-9	
	SAMP_ID:	122046		122047		122048		122049		122050	
	FIELD QC CODE:	SA		SA		DU		SA		SA	
	SAMP. DEPTH TOP:	13		13.5		14		14.5		15	
	SAMP. DEPTH BOT:	13		13.5		14		14.5		15	
	MATRIX:	GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER		GROUND WATER	
	SAMP. DATE:	6-May-99		6-May-99		5-May-99		6-May-99		6-May-99	
PARAMETER	UNIT	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q	VALUE	Q
Delta-BHC	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
Dieldrin	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
Endosulfan I	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
Endosulfan II	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
Endosulfan sulfate	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
Endrin	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
Endrin aldehyde	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
Endrin ketone	UG/L	.017	U	.013	U	.01	U	.01	U	.014	U
Gamma-BHC/Lindane	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
Gamma-Chlordane	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
Heptachlor	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
Heptachlor epoxide	UG/L	.009	U	.006	U	.005	U	.005	U	.007	U
Methoxychlor	UG/L	.085	U	.064	U	.05	U	.051	U	.07	U
Toxaphene	UG/L	.85	U	.64	U	.5	U	.51	U	.7	U
METALS											
Aluminum	UG/L	259.		46.4	J	74.6	J	1,400.		25.1	J
Antimony	UG/L	5.2	U	5.2	U	5.2	U	5.2	U	5.2	U
Arsenic	UG/L	5.1	J	2.9	U	2.9	U	2.9	U	2.9	U
Barium	UG/L	66.1	J	76.6	J	49.9	J	141.	J	67.	J
Beryllium	UG/L	.3	U	.3	U	.3	U	.31	J	.3	U
Cadmium	UG/L	3.3	J	1.3	J	2.	J	1.2	J	.77	J
Calcium	UG/L	86,500.		80,300.		113,000.		111,000.		116,000.	
Chromium	UG/L	1.4	J	1.2	U	1.2	U	2.8	J	1.2	U
Cobalt	UG/L	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U
Copper	UG/L	4.2	J	3.9	J	3.2	J	6.1	J	3.8	J
Iron	UG/L	384.		47.2	J	94.4	J	1,710.		19.3	J
Lead	UG/L	.9	U	.9	U	.99	J	.9	U	.9	U
Magnesium	UG/L	20,600.		16,700.		27,000.		28,300.		29,400.	
Manganese	UG/L	21.7		14.5	J	90.4		75.7		138.	
Mercury	UG/L	.1	U	.1	U	.1	U	.14	J	.1	U
Nickel	UG/L	10.2	U	10.2	U	10.2	U	10.2	U	10.2	U
Potassium	UG/L	4,640.	J	3,280.	J	2,740.	J	2,570.	J	5,710.	
Selenium	UG/L	1.8	J	1.8	J	1.8	J	1.8	J	1.9	J
Silver	UG/L	4.1	J	4.6	J	3.9	J	3.9	J	4.2	J
Sodium	UG/L	9,340.		5,950.		13,500.		7,420.		12,000.	
Thallium	UG/L	4.5	J	2.7	J	2.6	U	2.6	U	2.6	U
Vanadium	UG/L	3.8	U	3.8	U	3.8	U	4.4	J	3.8	U
Zinc	UG/L	8.1	J	5.5	J	22.9		33.2		2.7	J