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Revision 1
March 1997

Phase II
Remedial Investigation
for
Naval Submarine Base
New London
Groton, Connecticut

Volume XII - Appendices I.5 - I.6

Northern Division
Naval Facilities Engineering Command

Contract Number N62472-90-D-1298

Contract Task Order 0129

March 1997

Brown & Root Environmental

A Division of Halliburton NUS Corporation

APPENDIX I.5 (Continued)

SITE 3 - AREA A DOWNSTREAM WATERCOURSES/OBDA

APPENDIX I.5

SITE 3 - AREA A DOWNSTREAM WATERCOURSES/OBDA

STREAM 3

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.38E-1	5.34E-2	X	8.70E-2	X	5.0E+0
Barium	5.00E-2	1.21E-2	X	3.90E-3	X	1.3E+1
Boron	1.34E-1	2.17E-2	X	0.00E+0	X	---
Calcium	2.61E+1	5.97E+0	X			
Cobalt	3.10E-3	5.00E-4	X	3.00E-3	X	1.0E+0
Copper	9.00E-3	5.00E-4	X	4.80E-3	X	1.9E+0
Iron	3.49E+0	5.85E-2	X	1.00E+0	X	3.5E+0
Lead	3.60E-3	5.00E-4	X	2.30E-3	X	1.6E+0
Magnesium	1.08E+1	2.07E+0	X			
Manganese	4.88E-1	1.71E-2	X	8.00E-2	X	6.1E+0
Nickel	5.80E-3	5.00E-4	X	1.46E-1		
Potassium	1.29E+1	6.10E-1	X			
Sodium	1.45E+2	1.13E+1	X			
Zinc	7.03E-2	2.35E-3	X	1.23E-2	X	5.7E+0

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	1.00E-4	1.00E-6	X	1.0E+2
Methylene chloride	6.00E-3	2.16E+1		

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	3.06E-1	5.34E-2	X	8.70E-2	X	3.5E+0
Barium	3.92E-2	1.21E-2	X	3.90E-3	X	1.0E+1
Boron	1.18E-1	2.17E-2	X	0.00E+0	X	---
Calcium	1.97E+1	5.97E+0	X			
Cobalt	2.70E-3	5.00E-4	X	3.00E-3		
Copper	5.37E-3	5.00E-4	X	4.80E-3	X	1.1E+0
Iron	2.61E+0	5.85E-2	X	1.00E+0	X	2.6E+0
Lead	2.05E-3	5.00E-4	X	2.30E-3		
Magnesium	7.03E+0	2.07E+0	X			
Manganese	3.66E-1	1.71E-2	X	8.00E-2	X	4.6E+0
Nickel	4.93E-3	5.00E-4	X	1.46E-1		
Potassium	8.60E+0	6.10E-1	X			
Sodium	1.11E+2	1.13E+1	X			
Zinc	3.40E-2	2.35E-3	X	1.23E-2	X	2.8E+0

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	7.00E-5	1.00E-6	X	7.0E+1
Methylene chloride	4.50E-3	2.16E+1		

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SEDIMENTS
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	1.72E+4	1.16E+3	X	2.70E+4		
Arsenic	8.00E+0	2.70E-1	X	6.00E+0	X	1.3E+0
Barium	1.89E+2	1.37E+1	X	2.00E+1	X	9.5E+0
Beryllium	4.30E+0	1.85E-1	X	0.00E+0	X	---
Boron	1.39E+1	1.27E+0	X	0.00E+0	X	---
Cadmium	4.20E+0	1.35E-1	X	6.00E-1	X	7.0E+0
Calcium	6.12E+3	2.15E+2	X			
Chromium	1.96E+1	3.10E+0	X	2.60E+1		
Cobalt	2.16E+1	8.80E-1	X	5.00E+1		
Copper	5.49E+1	9.80E-1	X	1.60E+1	X	3.4E+0
Cyanide	7.30E+0	4.40E-1	X	1.00E-1	X	7.3E+1
Iron	1.08E+5	1.75E+3	X	2.00E+6		
Lead	3.27E+1	3.20E+0	X	3.10E+1	X	1.1E+0
Magnesium	1.90E+3	4.17E+2	X			
Manganese	1.28E+3	2.71E+1	X	4.60E+2	X	2.8E+0
Nickel	4.49E+1	1.80E+0	X	1.60E+1	X	2.8E+0
Potassium	2.39E+3	1.65E+2	X			
Sodium	6.15E+2	2.57E+1	X			
Vanadium	2.72E+1	4.00E+0	X	0.00E+0	X	---
Zinc	2.71E+2	3.85E+0	X	1.20E+2	X	2.3E+0

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON MAXIMUM CONCENTRATIONS IN SEDIMENTS
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	3.90E+0	4.12E-3	X	9.5E+2
4,4'-DDE	1.50E+0	2.09E-3	X	7.2E+2
4,4'-DDT	3.20E+0	6.49E-3	X	4.9E+2
Alpha-Chlordane	2.80E-2	5.36E+1		
Dieldrin	3.00E-2	1.06E-4	X	2.8E+2
Fluoranthene	6.00E-2	7.50E+0		
Methylene chloride	3.00E-3	1.96E+0		
Pyrene	6.30E-2	2.18E+1		

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	1.44E+4	1.16E+3	X	2.70E+4		
Arsenic	6.00E+0	2.70E-1	X	6.00E+0		
Barium	1.21E+2	1.37E+1	X	2.00E+1	X	6.1E+0
Beryllium	2.95E+0	1.85E-1	X	0.00E+0	X	
Boron	1.39E+1	1.27E+0	X	0.00E+0	X	
Cadmium	4.20E+0	1.35E-1	X	6.00E-1	X	
Calcium	3.71E+3	2.15E+2	X			
Chromium	1.67E+1	3.10E+0	X	2.60E+1		
Cobalt	1.36E+1	8.80E-1	X	5.00E+1		
Copper	3.80E+1	9.80E-1	X	1.60E+1	X	2.4E+0
Cyanide	4.28E+0	4.40E-1	X	1.00E-1	X	
Iron	6.68E+4	1.75E+3	X	2.00E+6		
Lead	2.57E+1	3.20E+0	X	3.10E+1		
Magnesium	1.85E+3	4.17E+2	X			
Manganese	7.05E+2	2.71E+1	X	4.60E+2	X	1.5E+0
Nickel	2.75E+1	1.80E+0	X	1.60E+1	X	1.7E+0
Potassium	1.65E+3	1.65E+2	X			
Sodium	4.12E+2	2.57E+1	X			
Vanadium	2.40E+1	4.00E+0	X	0.00E+0	X	---
Zinc	1.72E+2	3.85E+0	X	1.20E+2	X	1.4E+0

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	2.30E+0	4.12E-3	X	5.6E+2
4,4'-DDE	4.65E-1	2.09E-3	X	2.2E+2
4,4'-DDT	1.07E+0	6.49E-3	X	1.7E+2
Alpha-Chlordane	2.80E-2	5.36E+1		
Dieldrin	1.92E-2	1.06E-4	X	1.8E+2
Fluoranthene	6.00E-2	7.50E+0		
Methylene chloride	3.00E-3	1.96E+0		
Pyrene	6.30E-2	2.18E+1		

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/L)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.38E-1	5.34E-2	X	7.50E-1	X	5.8E-1
Barium	5.00E-2	1.21E-2	X	6.91E-2	X	7.2E-1
Cobalt	3.10E-3	5.00E-4	X	3.00E-2	X	1.0E-1
Copper	9.00E-3	5.00E-4	X	1.43E-2	X	6.3E-1
Iron	3.49E+0	5.85E-2	X	1.00E+1	X	3.5E-1
Lead	3.60E-3	5.00E-4	X	5.12E-2	X	7.0E-2
Manganese	4.88E-1	1.71E-2	X	1.47E+0	X	3.3E-1
Zinc	7.03E-2	2.35E-3	X	3.53E-2	X	2.0E+0

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Acute Endpoint Benchmark Value (mg/L)	Exceeds Acute Endpoint Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	1.00E-4	*5.50E-4*	X	*1.8E-1*
Methylene chloride	6.00E-3	2.16E+1		

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SURFACE WATER
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/L)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	3.06E-1	5.34E-2	X	7.50E-1	X	4.1E-1
Barium	3.92E-2	1.21E-2	X	6.91E-2	X	5.7E-1
Copper	5.37E-3	5.00E-4	X	1.43E-2	X	3.8E-1
Iron	2.61E+0	5.85E-2	X	1.00E+1	X	2.6E-1
Manganese	3.66E-1	1.71E-2	X	1.41E+0	X	2.6E-1
Zinc	3.40E-2	2.35E-3	X	3.53E-2	X	9.6E-1

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SURFACE WATER STREAM THREE NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Acute Benchmark Value (mg/L)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	7.00E-5	5.50E-4	X	1.3E-1

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/kg)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Arsenic	8.00E+0	2.70E-1	X	3.30E+1	X	2.4E-1
Barium	1.89E+2	1.37E+1	X	6.00E+1	X	3.2E+0
Cadmium	4.20E+0	1.35E-1	X	1.00E+1	X	4.2E-1
Copper	5.49E+1	9.80E-1	X	1.10E+2	X	5.0E-1
Cyanide	7.30E+0	4.40E-1	X	2.50E-1	X	2.9E+1
Lead	3.27E+1	3.20E+0	X	3.50E+2	X	9.3E-2
Manganese	1.28E+3	2.71E+1	X	1.10E+3	X	1.2E+0
Nickel	4.49E+1	1.80E+0	X	7.50E+1	X	6.0E-1
Zinc	2.71E+2	3.85E+0	X	8.20E+2	X	3.3E-1

000013

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS STREAM THREE NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Site-Specific Acute Benchmark Value (mg/kg)	Exceeds Site-Specific Acute Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	3.90E+0	2.27E+0	X	1.7E+0
4,4'-DDE	1.50E+0	1.15E+0	X	1.3E+0
4,4'-DDT	3.20E+0	3.57E+0	X	9.0E-1
Dieldrin	3.00E-2	1.40E-1	X	2.1E-1

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
STREAM THREE
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/kg)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Barium	1.21E+2	1.37E+1	X	6.00E+1	X	2.0E+0
Copper	3.80E+1	9.80E-1	X	1.10E+2	X	3.5E-1
Manganese	7.05E+2	2.71E+1	X	1.10E+3	X	6.4E-1
Nickel	2.75E+1	1.80E+0	X	7.50E+1	X	3.7E-1
Zinc	1.72E+2	3.85E+0	X	8.20E+2	X	2.1E-1

000015

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SEDIMENTS STREAM THREE NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Site-Specific Acute Benchmark Value (mg/kg)	Exceeds Site-Specific Acute Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	2.30E+0	2.27E+0	X	1.0E+0
4,4'-DDE	4.65E-1	1.15E+0	X	4.0E-1
4,4'-DDT	1.07E+0	3.57E+0	X	3.0E-1
Dieldrin	1.92E-2	1.40E-1	X	1.4E-1

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Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 3
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
1,1,2,2-Tetrachloroethane	2.39E+00	2.23E+02	6.38E+00	0.00E+00	0.00E+00	7.83E+02	0.00E+00	1.90E+00	0.00E+00	6.15E-06	0.00E+00
1,1,2-Trichloroethane	2.17E+00	1.36E+02	6.38E+00	0.00E+00	0.00E+00	7.27E+02	0.00E+00	1.90E+00	0.00E+00	3.72E-06	0.00E+00
1,1-Dichloroethene	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,2-Dichloroethene (total)	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,4-Dichlorobenzene	3.39E+00	2.15E+03	6.38E+00	0.00E+00	0.00E+00	3.37E+02	0.00E+00	1.90E+00	0.00E+00	6.17E-05	0.00E+00
2-Butanone	2.60E-01	1.80E+00	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.57E-08	0.00E+00
2-Methylnaphthalene	3.86E+00	6.23E+03	6.38E+00	0.00E+00	0.00E+00	2.34E+02	0.00E+00	1.90E+00	0.00E+00	1.82E-04	0.00E+00
3,3'-Dichlorobenzidine	3.51E+00	2.82E+03	6.38E+00	0.00E+00	0.00E+00	5.34E+02	0.00E+00	1.90E+00	0.00E+00	8.11E-05	0.00E+00
4,4'-DDD	5.99E+00	7.73E+05	6.38E+00	2.40E+02	4.86E-05	1.00E+03	4.86E-06	1.90E+00	9.11E+01	2.00E-01	2.22E+01
4,4'-DDE	5.69E+00	3.92E+05	6.38E+00	2.40E+01	9.59E-06	1.00E+03	9.59E-07	1.90E+00	9.11E+00	2.00E-01	2.22E+00
4,4'-DDT	6.19E+00	1.22E+06	6.38E+00	1.40E+03	1.80E-04	1.00E+03	1.80E-05	1.90E+00	5.32E+02	2.00E-01	1.29E+02
4-Methyl-2-pentanone	1.09E+00	1.18E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.09E-07	0.00E+00
Acenaphthene	3.92E+00	7.14E+03	6.38E+00	0.00E+00	0.00E+00	2.43E+02	0.00E+00	1.90E+00	0.00E+00	2.09E-04	0.00E+00
Acenaphthylene	4.07E+00	1.00E+04	6.38E+00	0.00E+00	0.00E+00	2.16E+02	0.00E+00	1.90E+00	0.00E+00	2.95E-04	0.00E+00
Acetone	-2.40E-01	5.81E-01	6.38E+00	0.00E+00	0.00E+00	6.09E+02	0.00E+00	1.90E+00	0.00E+00	1.45E-08	0.00E+00
Aldrin	5.11E+00	1.06E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.24E-03	0.00E+00
Alpha-Chlordane	5.99E+00	7.73E+05	6.38E+00	1.30E-03	2.63E-10	1.00E+03	2.63E-11	1.90E+00	4.94E-04	2.45E-02	1.47E-05
Aluminum	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-03	0.00E+00
Anthracene	4.45E+00	2.37E+04	6.38E+00	0.00E+00	0.00E+00	1.93E+02	0.00E+00	1.90E+00	0.00E+00	7.08E-04	0.00E+00
Antimony	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-03	0.00E+00
Aroclor-1248	6.20E+00	1.24E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.97E-02	0.00E+00
Aroclor-1254	6.50E+00	2.45E+06	6.38E+00	3.50E-02	2.24E-09	1.00E+03	2.24E-10	1.90E+00	1.33E-02	7.94E-02	1.28E-03
Aroclor-1260	6.80E+00	4.84E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.59E-01	0.00E+00
Arsenic	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-03	0.00E+00
Barium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-04	0.00E+00
Benzene	1.13E+00	1.29E+01	6.38E+00	0.00E+00	0.00E+00	8.90E+02	0.00E+00	1.90E+00	0.00E+00	3.39E-07	0.00E+00
Benzo(a)anthracene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Benzo(a)pyrene	5.98E+00	7.56E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.40E-02	0.00E+00
Benzo(b)fluoranthene	6.57E+00	2.87E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	9.33E-02	0.00E+00
Benzo(g,h,i)perylene	7.23E+00	1.28E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.27E-01	0.00E+00
Benzo(k)fluoranthene	6.84E+00	5.30E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.74E-01	0.00E+00
Benzoic acid	1.73E+00	5.02E+01	6.38E+00	0.00E+00	0.00E+00	9.10E+02	0.00E+00	1.90E+00	0.00E+00	1.35E-06	0.00E+00
Beryllium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.00E-03	0.00E+00
Bis(2-ethylexyl)phthalate	5.30E+00	1.62E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-03	0.00E+00
Boron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	8.00E-04	0.00E+00
Bromodichloromethane	1.88E+00	7.06E+01	6.38E+00	0.00E+00	0.00E+00	4.95E+01	0.00E+00	1.90E+00	0.00E+00	1.91E-06	0.00E+00
Bromomethane	1.10E+00	1.21E+01	6.38E+00	0.00E+00	0.00E+00	2.71E+02	0.00E+00	1.90E+00	0.00E+00	3.16E-07	0.00E+00
Butyl benzyl phthalate	4.78E+00	5.00E+04	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.51E-03	0.00E+00
Cadmium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+01	0.00E+00	2.00E+00	0.00E+00	5.50E-04	0.00E+00
Carbazole	3.29E+00	1.72E+03	6.38E+00	0.00E+00	0.00E+00	4.12E+02	0.00E+00	1.90E+00	0.00E+00	4.90E-05	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%Dry Weight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 3
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Carbon disulfide	2.16E+00	1.33E+02	6.38E+00	0.00E+00	0.00E+00	4.18E+02	0.00E+00	1.90E+00	0.00E+00	3.63E-06	0.00E+00
Chlorobenzene	2.84E+00	6.19E+02	6.38E+00	0.00E+00	0.00E+00	3.81E+02	0.00E+00	1.90E+00	0.00E+00	1.74E-05	0.00E+00
Chloroform	1.97E+00	8.64E+01	6.38E+00	0.00E+00	0.00E+00	7.50E+02	0.00E+00	1.90E+00	0.00E+00	2.34E-06	0.00E+00
Chloromethane	9.10E-01	7.85E+00	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	2.04E-07	0.00E+00
Chromium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.50E+01	0.00E+00	1.00E+00	0.00E+00	3.50E-03	0.00E+00
Chrysene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Cis-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Cobalt	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Copper	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	3.00E+01	0.00E+00	9.30E-01	0.00E+00	1.00E-02	0.00E+00
Cyanide	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-01	0.00E+00
Di-n-butylphthalate	5.20E+00	1.29E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.98E-03	0.00E+00
Dibenzo(a,h)anthracene	5.97E+00	7.39E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.34E-02	0.00E+00
Dibenzofuran	4.12E+00	1.12E+04	6.38E+00	0.00E+00	0.00E+00	2.30E+02	0.00E+00	1.90E+00	0.00E+00	3.31E-04	0.00E+00
Dieldrin	4.09E+00	1.05E+04	6.38E+00	6.60E-03	9.86E-08	5.32E+02	1.85E-08	1.90E+00	2.51E-03	3.09E-04	9.42E-07
Diethyl phthalate	2.96E+00	8.13E+02	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.29E-05	0.00E+00
Endosulfan II	3.62E+00	3.62E+03	6.38E+00	0.00E+00	0.00E+00	7.93E+02	0.00E+00	1.90E+00	0.00E+00	1.05E-04	0.00E+00
Endosulfan sulfate	3.65E+00	3.87E+03	6.38E+00	3.90E-03	1.58E-07	7.93E+02	1.99E-08	1.90E+00	1.48E-03	1.12E-04	2.02E-07
Endrin	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin aldehyde	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin ketone	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Ethylbenzene	3.15E+00	1.25E+03	6.38E+00	0.00E+00	0.00E+00	2.89E+02	0.00E+00	1.90E+00	0.00E+00	3.55E-05	0.00E+00
Fluoranthene	5.33E+00	1.74E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	5.37E-03	0.00E+00
Fluorene	4.18E+00	1.29E+04	6.38E+00	0.00E+00	0.00E+00	2.18E+02	0.00E+00	1.90E+00	0.00E+00	3.80E-04	0.00E+00
Gamma-Chlordane	2.78E+00	5.41E+02	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.51E-05	0.00E+00
Heptachlor	4.40E+00	2.12E+04	6.38E+00	0.00E+00	0.00E+00	4.19E+02	0.00E+00	1.90E+00	0.00E+00	6.31E-04	0.00E+00
Heptachlor epoxide	3.65E+00	3.87E+03	6.38E+00	1.40E-03	5.66E-08	4.19E+02	1.35E-08	1.90E+00	5.32E-04	1.12E-04	7.26E-08
Indeno(1,2,3-Cd)pyrene	7.66E+00	3.39E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.15E+00	0.00E+00
Iron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Lead	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.94E+01	0.00E+00	1.24E+00	0.00E+00	4.00E-04	0.00E+00
Manganese	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.70E-02	0.00E+00
Mercury	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.16E+00	0.00E+00	1.00E+00	0.00E+00	2.51E-08	0.00E+00
Methoxychlor	4.68E+00	3.99E+04	6.38E+00	0.00E+00	0.00E+00	3.18E+02	0.00E+00	1.90E+00	0.00E+00	1.20E-03	0.00E+00
Methylene chloride	1.25E+00	1.69E+01	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	4.47E-07	0.00E+00
Naphthalene	3.37E+00	2.06E+03	6.38E+00	0.00E+00	0.00E+00	2.98E+02	0.00E+00	1.90E+00	0.00E+00	5.89E-05	0.00E+00
Nickel	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	4.00E+02	0.00E+00	1.00E+00	0.00E+00	6.00E-03	0.00E+00
OCDD	6.10E+00	9.92E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.16E-02	0.00E+00
Phenanthrene	4.46E+00	2.42E+04	6.38E+00	0.00E+00	0.00E+00	1.92E+02	0.00E+00	1.90E+00	0.00E+00	7.24E-04	0.00E+00
Pyrene	5.18E+00	1.24E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.80E-03	0.00E+00
Selenium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-02	0.00E+00
Silver	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	3.00E-03	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%F[illegible]orm Lipid Content: 8.00
%[illegible]eight: 20.00

foc(%): 6.38
%soil in diet - short tail [illegible]: 20.00
%animal in diet - short ta[illegible]: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 3
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Styrene	3.16E+00	1.27E+03	6.38E+00	0.00E+00	0.00E+00	2.82E+02	0.00E+00	1.90E+00	0.00E+00	3.62E-05	0.00E+00
Tetrachloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	7.00E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Thallium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	4.00E-02	0.00E+00
Toluene	2.69E+00	4.41E+02	6.38E+00	0.00E+00	0.00E+00	3.48E+02	0.00E+00	1.90E+00	0.00E+00	1.23E-05	0.00E+00
Trans-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Trichloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	5.55E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Vanadium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.50E-03	0.00E+00
Vinyl acetate	3.00E-01	1.97E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-08	0.00E+00
Xylenes, total	7.33E+00	1.61E+07	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.37E-01	0.00E+00
Zinc	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+03	0.00E+00	2.30E+00	0.00E+00	1.00E-01	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%Dry Weight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 3
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
1,1,2,2-Tetrachloroethane	2.39E+00	2.23E+02	6.38E+00	0.00E+00	0.00E+00	7.83E+02	0.00E+00	1.90E+00	0.00E+00	6.15E-06	0.00E+00
1,1,2-Trichloroethane	2.17E+00	1.36E+02	6.38E+00	0.00E+00	0.00E+00	7.27E+02	0.00E+00	1.90E+00	0.00E+00	3.72E-06	0.00E+00
1,1-Dichloroethene	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,2-Dichloroethene (total)	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,4-Dichlorobenzene	3.39E+00	2.15E+03	6.38E+00	0.00E+00	0.00E+00	3.37E+02	0.00E+00	1.90E+00	0.00E+00	6.17E-05	0.00E+00
2-Butanone	2.60E-01	1.80E+00	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.57E-08	0.00E+00
2-Methylnaphthalene	3.86E+00	6.23E+03	6.38E+00	0.00E+00	0.00E+00	2.34E+02	0.00E+00	1.90E+00	0.00E+00	1.82E-04	0.00E+00
3,3'-Dichlorobenzidine	3.51E+00	2.82E+03	6.38E+00	0.00E+00	0.00E+00	5.34E+02	0.00E+00	1.90E+00	0.00E+00	8.11E-05	0.00E+00
4,4'-DDD	5.99E+00	7.73E+05	6.38E+00	3.48E+01	7.05E-06	1.00E+03	7.05E-07	1.90E+00	1.32E+01	2.00E-01	3.22E+00
4,4'-DDE	5.69E+00	3.92E+05	6.38E+00	4.19E+00	1.67E-06	1.00E+03	1.67E-07	1.90E+00	1.59E+00	2.00E-01	3.87E-01
4,4'-DDT	6.19E+00	1.22E+06	6.38E+00	2.05E+02	2.64E-05	1.00E+03	2.64E-06	1.90E+00	7.79E+01	2.00E-01	1.90E+01
4-Methyl-2-pentanone	1.09E+00	1.18E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.09E-07	0.00E+00
Acenaphthene	3.92E+00	7.14E+03	6.38E+00	0.00E+00	0.00E+00	2.43E+02	0.00E+00	1.90E+00	0.00E+00	2.09E-04	0.00E+00
Acenaphthylene	4.07E+00	1.00E+04	6.38E+00	0.00E+00	0.00E+00	2.16E+02	0.00E+00	1.90E+00	0.00E+00	2.95E-04	0.00E+00
Acetone	-2.40E-01	5.81E-01	6.38E+00	0.00E+00	0.00E+00	6.09E+02	0.00E+00	1.90E+00	0.00E+00	1.45E-08	0.00E+00
Aldrin	5.11E+00	1.06E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.24E-03	0.00E+00
Alpha-Chlordane	5.99E+00	7.73E+05	6.38E+00	1.30E-03	2.63E-10	1.00E+03	2.63E-11	1.90E+00	4.94E-04	2.45E-02	1.47E-05
Aluminum	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-03	0.00E+00
Anthracene	4.45E+00	2.37E+04	6.38E+00	0.00E+00	0.00E+00	1.93E+02	0.00E+00	1.90E+00	0.00E+00	7.08E-04	0.00E+00
Antimony	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-03	0.00E+00
Aroclor-1248	6.20E+00	1.24E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.97E-02	0.00E+00
Aroclor-1254	6.50E+00	2.45E+06	6.38E+00	3.50E-02	2.24E-09	1.00E+03	2.24E-10	1.90E+00	1.33E-02	7.94E-02	1.28E-03
Aroclor-1260	6.80E+00	4.84E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.59E-01	0.00E+00
Arsenic	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-03	0.00E+00
Barium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-04	0.00E+00
Benzene	1.13E+00	1.29E+01	6.38E+00	0.00E+00	0.00E+00	8.90E+02	0.00E+00	1.90E+00	0.00E+00	3.39E-07	0.00E+00
Benzo(a)anthracene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Benzo(a)pyrene	5.98E+00	7.56E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.40E-02	0.00E+00
Benzo(b)fluoranthene	6.57E+00	2.87E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	9.33E-02	0.00E+00
Benzo(g,h,i)perylene	7.23E+00	1.28E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.27E-01	0.00E+00
Benzo(k)fluoranthene	6.84E+00	5.30E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.74E-01	0.00E+00
Benzoic acid	1.73E+00	5.02E+01	6.38E+00	0.00E+00	0.00E+00	9.10E+02	0.00E+00	1.90E+00	0.00E+00	1.35E-06	0.00E+00
Beryllium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.00E-03	0.00E+00
Bis(2-ethylexyl)phthalate	5.30E+00	1.62E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-03	0.00E+00
Boron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	8.00E-04	0.00E+00
Bromodichloromethane	1.88E+00	7.06E+01	6.38E+00	0.00E+00	0.00E+00	4.95E+01	0.00E+00	1.90E+00	0.00E+00	1.91E-06	0.00E+00
Bromomethane	1.10E+00	1.21E+01	6.38E+00	0.00E+00	0.00E+00	2.71E+02	0.00E+00	1.90E+00	0.00E+00	3.16E-07	0.00E+00
Butyl benzyl phthalate	4.78E+00	5.00E+04	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.51E-03	0.00E+00
Cadmium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+01	0.00E+00	2.00E+00	0.00E+00	5.50E-04	0.00E+00
Carbazole	3.29E+00	1.72E+03	6.38E+00	0.00E+00	0.00E+00	4.12E+02	0.00E+00	1.90E+00	0.00E+00	4.90E-05	0.00E+00

Soil Organic Content (mg/kg): 63833.33
% [illegible]orm Lipid Content: 8.00
% [illegible]eight: 20.00

foc(%): 6.38
%soil in diet - short tail [illegible]w: 20.00
%animal in diet - short ta[illegible]: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 3
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Carbon disulfide	2.16E+00	1.33E+02	6.38E+00	0.00E+00	0.00E+00	4.18E+02	0.00E+00	1.90E+00	0.00E+00	3.63E-06	0.00E+00
Chlorobenzene	2.84E+00	6.19E+02	6.38E+00	0.00E+00	0.00E+00	3.81E+02	0.00E+00	1.90E+00	0.00E+00	1.74E-05	0.00E+00
Chloroform	1.97E+00	8.64E+01	6.38E+00	0.00E+00	0.00E+00	7.50E+02	0.00E+00	1.90E+00	0.00E+00	2.34E-06	0.00E+00
Chloromethane	9.10E-01	7.85E+00	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	2.04E-07	0.00E+00
Chromium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.50E+01	0.00E+00	1.00E+00	0.00E+00	3.50E-03	0.00E+00
Chrysene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Cis-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Cobalt	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Copper	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	3.00E+01	0.00E+00	9.30E-01	0.00E+00	1.00E-02	0.00E+00
Cyanide	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-01	0.00E+00
Di-n-butylphthalate	5.20E+00	1.29E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.98E-03	0.00E+00
Dibenzo(a,h)anthracene	5.97E+00	7.39E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.34E-02	0.00E+00
Dibenzofuran	4.12E+00	1.12E+04	6.38E+00	0.00E+00	0.00E+00	2.30E+02	0.00E+00	1.90E+00	0.00E+00	3.31E-04	0.00E+00
Dieldrin	4.09E+00	1.05E+04	6.38E+00	6.60E-03	9.86E-08	5.32E+02	1.85E-08	1.90E+00	2.51E-03	3.09E-04	9.42E-07
Diethyl phthalate	2.96E+00	8.13E+02	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.29E-05	0.00E+00
Endosulfan II	3.62E+00	3.62E+03	6.38E+00	0.00E+00	0.00E+00	7.93E+02	0.00E+00	1.90E+00	0.00E+00	1.05E-04	0.00E+00
Endosulfan sulfate	3.65E+00	3.87E+03	6.38E+00	3.90E-03	1.58E-07	7.93E+02	1.99E-08	1.90E+00	1.48E-03	1.12E-04	2.02E-07
Endrin	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin aldehyde	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin ketone	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Ethylbenzene	3.15E+00	1.25E+03	6.38E+00	0.00E+00	0.00E+00	2.89E+02	0.00E+00	1.90E+00	0.00E+00	3.55E-05	0.00E+00
Fluoranthene	5.33E+00	1.74E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	5.37E-03	0.00E+00
Fluorene	4.18E+00	1.29E+04	6.38E+00	0.00E+00	0.00E+00	2.18E+02	0.00E+00	1.90E+00	0.00E+00	3.80E-04	0.00E+00
Gamma-Chlordane	2.78E+00	5.41E+02	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.51E-05	0.00E+00
Heptachlor	4.40E+00	2.12E+04	6.38E+00	0.00E+00	0.00E+00	4.19E+02	0.00E+00	1.90E+00	0.00E+00	6.31E-04	0.00E+00
Heptachlor epoxide	3.65E+00	3.87E+03	6.38E+00	1.40E-03	5.66E-08	4.19E+02	1.35E-08	1.90E+00	5.32E-04	1.12E-04	7.26E-08
Indeno(1,2,3-Cd)pyrene	7.66E+00	3.39E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.15E+00	0.00E+00
Iron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Lead	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.94E+01	0.00E+00	1.24E+00	0.00E+00	4.00E-04	0.00E+00
Manganese	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.70E-02	0.00E+00
Mercury	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.16E+00	0.00E+00	1.00E+00	0.00E+00	2.51E-08	0.00E+00
Methoxychlor	4.68E+00	3.99E+04	6.38E+00	0.00E+00	0.00E+00	3.18E+02	0.00E+00	1.90E+00	0.00E+00	1.20E-03	0.00E+00
Methylene chloride	1.25E+00	1.69E+01	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	4.47E-07	0.00E+00
Naphthalene	3.37E+00	2.06E+03	6.38E+00	0.00E+00	0.00E+00	2.98E+02	0.00E+00	1.90E+00	0.00E+00	5.89E-05	0.00E+00
Nickel	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	4.00E+02	0.00E+00	1.00E+00	0.00E+00	6.00E-03	0.00E+00
OCDD	6.10E+00	9.92E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.16E-02	0.00E+00
Phenanthrene	4.46E+00	2.42E+04	6.38E+00	0.00E+00	0.00E+00	1.92E+02	0.00E+00	1.90E+00	0.00E+00	7.24E-04	0.00E+00
Pyrene	5.18E+00	1.24E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.80E-03	0.00E+00
Selenium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-02	0.00E+00
Silver	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	3.00E-03	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%Dry Weight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 3
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Styrene	3.16E+00	1.27E+03	6.38E+00	0.00E+00	0.00E+00	2.82E+02	0.00E+00	1.90E+00	0.00E+00	3.62E-05	0.00E+00
Tetrachloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	7.00E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Thallium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	4.00E-02	0.00E+00
Toluene	2.69E+00	4.41E+02	6.38E+00	0.00E+00	0.00E+00	3.48E+02	0.00E+00	1.90E+00	0.00E+00	1.23E-05	0.00E+00
Trans-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Trichloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	5.55E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Vanadium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.50E-03	0.00E+00
Vinyl acetate	3.00E-01	1.97E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-08	0.00E+00
Xylenes, total	7.33E+00	1.61E+07	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.37E-01	0.00E+00
Zinc	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+03	0.00E+00	2.30E+00	0.00E+00	1.00E-01	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%E[illegible]rm Lipid Content: 8.00
%[illegible]eight: 20.00

foc(%): 6.38
%soil in diet - short tail [illegible]: 20.00
%animal in diet - short tail [illegible]: 69.00

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AREA A DOWNSTREAM WATER COURSES/OBDA: STREAM 3

MAXIMUM EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A DOWNSTREAM WATERCOURSES

STREAM 3

MAXIMUM EXPOSURE PT. CONCENTRATIONS

RACCOON

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg	mg/L	Ingestion mg/kg	mg/kg	ng/m³ Inhalation	mg/kg Dermal
	Sediment	Water	Food-Animal	Food-Veget.	Air	Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	3.90E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	1.50E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	3.20E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	2.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	1.72E+04	4.38E-01	8.75E+01	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	2.80E+01	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	1.89E+02	5.00E-02	4.70E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	1.34E-01	4.60E+02	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	1.96E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	2.16E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	5.49E+01	0.00E+00	1.40E+01	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	5.40E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	3.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	6.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	1.08E+05	0.00E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	3.27E+01	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	1.28E+03	4.88E-01	1.01E+01	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	3.00E-03	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	4.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	6.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	2.72E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	3.90E+01	0.00E+00	0.00E+00	0.00E+00
2,4-Dimethylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Delta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan I	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIEN
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			8.47E-02
4,4'-DDE			3.26E-02
4,4'-DDT			6.95E-02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.06E-04
Aluminum			5.97E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			6.49E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			6.81E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIEN
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			3.70E-01
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			7.50E-01
Copper			1.44E-02
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			1.30E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			8.34E-05
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			7.10E-02
Manganese			2.53E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			8.91E-06
Naphthalene			0.00E+00
Nickel			1.95E-02
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			1.46E-04
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.49E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			1.12E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			1.12E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.41E-05
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			9.91E-04
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			1.12E-03
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			1.73E-04
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.30E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			6.27E-04
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.16E-05
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			6.39E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			0.00E+00

Raccoon: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			1.41E-01
Anthracene			0.00E+00
Antimony			4.51E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			7.48E-02
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			4.23E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			8.79E-02
Carbazole			0.00E+00
TOTAL			4.58E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			1.71E-02
Cyanide			3.17E-02
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			2.72E-02
Manganese			9.24E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			3.46E-01
Silver			0.00E+00
TOTAL			4.32E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			1.96E-02
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			1.96E-02

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.90E+00							1.35E-02		1.00E+00	1.00E+00	1.35E-02
Water	1.00E-04					2.26E-06				1.00E+00	1.00E+00	2.26E-06
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.50E+00							5.21E-03		1.00E+00	1.00E+00	5.21E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E+00	1.35E-02	1.60E-01	8.47E-02	
Water	1.00E-04	2.26E-06	1.60E-01	1.41E-05	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					8.47E-02

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+00	5.21E-03	1.60E-01	3.26E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					3.26E-02

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.20E+00							1.11E-02		1.00E+00	1.00E+00	1.11E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E+00	1.11E-02	1.60E-01	6.95E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					6.95E-02

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

000018

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.80E-02							9.72E-05		1.00E+00	1.00E+00	9.72E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.72E+04							5.97E+01		1.00E+00	1.00E+00	5.97E+01
Water	4.38E-01					9.91E-03				1.00E+00	1.00E+00	9.91E-03
Food-an.	8.75E+01			1.41E+00						1.00E+00	1.00E+00	1.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.80E-02	9.72E-05	9.16E-01	1.06E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					1.06E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.72E+04	5.97E+01	1.00E+01	5.97E+00	
Water	4.38E-01	9.91E-03	1.00E+01	9.91E-04	
Food	8.75E+01	1.41E+00	1.00E+01	1.41E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					6.12E+00

000020

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.80E+01			4.51E-01						1.00E+00	1.00E+00	4.51E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000021

Raccoon: Stream 3
Maximum Concentration

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Total					0.00E+00

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	2.80E+01	4.51E-01	1.00E-02	4.51E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					4.51E+01

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.89E+02							6.56E-01		1.00E+00	1.00E+00	6.56E-01
Water	5.00E-02					1.13E-03				1.00E+00	1.00E+00	1.13E-03
Food-an.	4.70E+00			7.57E-02						1.00E+00	1.00E+00	7.57E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.89E+02	6.56E-01	1.01E+00	6.49E-01	
Water	5.00E-02	1.13E-03	1.01E+00	1.12E-03	
Food	4.70E+00	7.57E-02	1.01E+00	7.48E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					7.25E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

000024

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.34E-01					3.03E-03				1.00E+00	1.00E+00	3.03E-03
Food-an.	4.60E+02			7.41E+00						1.00E+00	1.00E+00	7.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Raccoon: Stream 3
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Water	1.34E-01	3.03E-03	1.75E+01	1.73E-04	
Food	4.60E+02	7.41E+00	1.75E+01	4.23E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Total					4.24E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.50E-01			8.86E-03						1.00E+00	1.00E+00	8.86E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Food	5.50E-01	8.86E-03	1.01E-01	8.79E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Total					8.79E-02

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.96E+01							6.81E-02		1.00E+00	1.00E+00	6.81E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000029

Raccoon: Stream 3
Maximum Concentration

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.96E+01	6.81E-02	1.84E-01	3.70E-01	
Water	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Total					3.70E-01

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.16E+01							7.50E-02		1.00E+00	1.00E+00	7.50E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.16E+01	7.50E-02	1.00E-01	7.50E-01	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Total					7.50E-01

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	5.49E+01							1.91E-01		1.00E+00	1.00E+00	1.91E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.40E+01			2.26E-01						1.00E+00	1.00E+00	2.26E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.40E+00			8.70E-02						1.00E+00	1.00E+00	8.70E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000633

Raccoon: Stream 3
Maximum Concentration

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.49E+01	1.91E-01	1.32E+01	1.44E-02	
Water	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Food	1.40E+01	2.26E-01	1.32E+01	1.71E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Total					3.15E-02

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Food	5.40E+00	8.70E-02	2.75E+00	3.17E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Total					3.17E-02

000034

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.00E-02							1.04E-04		1.00E+00	1.00E+00	1.04E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-02	1.04E-04	8.00E-03	1.30E-02	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					1.30E-02

000026

Ethylbenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	6.00E-02							2.08E-04		1.00E+00	1.00E+00	2.08E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000037

Raccoon: Stream 3
Maximum Concentration

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Total					0.00E+00

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.00E-02	2.08E-04	2.50E+00	8.34E-05	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					8.34E-05

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.08E+05							3.75E+02		1.00E+00	1.00E+00	3.75E+02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.92E+02			3.08E+00						1.00E+00	1.00E+00	3.08E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.08E+05	3.75E+02	#DIV/0!	N/A	
Water	0.00E+00	0.00E+00	#DIV/0!	N/A	
Food	1.92E+02	3.08E+00	#DIV/0!	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	#DIV/0!	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	#DIV/0!	N/A	
Total					0.00E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.27E+01							1.14E-01		1.00E+00	1.00E+00	1.14E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.70E+00			4.35E-02						1.00E+00	1.00E+00	4.35E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.28E+03							4.45E+00		1.00E+00	1.00E+00	4.45E+00
Water	4.88E-01					1.10E-02				1.00E+00	1.00E+00	1.10E-02
Food-an.	1.01E+01			1.63E-01						1.00E+00	1.00E+00	1.63E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.27E+01	1.14E-01	1.60E+00	7.10E-02	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	2.70E+00	4.35E-02	1.60E+00	2.72E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					9.82E-02

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.28E+03	4.45E+00	1.76E+01	2.53E-01	
Water	4.88E-01	1.10E-02	1.76E+01	6.27E-04	
Food	1.01E+01	1.63E-01	1.76E+01	9.24E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					2.62E-01

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.00E-03							1.04E-05		1.00E+00	1.00E+00	1.04E-05
Water	6.00E-04					1.36E-05				1.00E+00	1.00E+00	1.36E-05
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

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Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	1.04E-05	1.17E+00	8.91E-06	
Water	6.00E-04	1.36E-05	1.17E+00	1.16E-05	
Food	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Total					2.05E-05

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					0.00E+00

Nickel	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.49E+01							1.56E-01		1.00E+00	1.00E+00	1.56E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.49E+01	1.56E-01	8.00E+00	1.95E-02	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					1.95E-02

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Total					0.00E+00

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Phenanthrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	6.30E-02							2.19E-04		1.00E+00	1.00E+00	2.19E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Maximum Concentration

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Total					0.00E+00

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.30E-02	2.19E-04	1.50E+00	1.46E-04	
Water	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Total					1.46E-04

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Maximu centration

Selenium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.45E-01			1.04E-02						1.00E+00	1.00E+00	1.04E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Silver	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Raccoon: Stream 3
Maximum Concentration

Selenium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	6.45E-01	1.04E-02	3.00E-02	3.46E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					3.46E-01

Silver	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Total					0.00E+00

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.72E+01							9.45E-02		1.00E+00	1.00E+00	9.45E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Raccoon: Stream 3
Maximum Concentration

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.72E+01	9.45E-02	8.40E-02	1.12E+00	
Water	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Total					1.12E+00

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Water	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Food	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Total					0.00E+00

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.90E+01			6.28E-01						1.00E+00	1.00E+00	6.28E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Total					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Water	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Food	3.90E+01	6.28E-01	3.20E+01	1.96E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Total					1.96E-02

AREA A DOWNSTREAM WATERCOURSES

STREAM 3

MAXIMUM EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	2.40E+02	1.00E-04	2.28E+01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	2.40E+01	0.00E+00	2.28E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.40E+03	0.00E+00	1.33E+02	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	6.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.59E+02
4,4'-DDE			1.59E+01
4,4'-DDT			9.28E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.50E-04
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.87E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.10E+03

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			8.75E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			1.38E-02
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			1.25E+02
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.25E+02

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			9.29E-03
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			6.51E-01
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			7.35E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			5.69E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.96E+00

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			4.12E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			7.62E-02
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.88E-01

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			5.21E+01
4,4'-DDE			5.21E+00
4,4'-DDT			3.04E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			4.93E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			2.25E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			3.61E+02

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			2.86E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			4.51E-03
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.11E+01
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.11E+01

Shrew: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 3
Maximum Concentration

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.40E+02							2.54E+01		1.00E+00	1.00E+00	2.54E+01
Water	1.00E-04					1.49E-03				1.00E+00	1.00E+00	1.49E-03
Food-an.	2.28E+01			8.33E+00						1.00E+00	1.00E+00	8.33E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.40E+01							2.54E+00		1.00E+00	1.00E+00	2.54E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.28E+00			8.33E-01						1.00E+00	1.00E+00	8.33E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000015

Shrew: Stream 3
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+02	2.54E+01	1.60E-01	1.59E+02	
Water	1.00E-04	1.49E-03	1.60E-01	9.29E-03	
Food	2.28E+01	8.33E+00	1.60E-01	5.21E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					2.11E+02

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+01	2.54E+00	1.60E-01	1.59E+01	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	2.28E+00	8.33E-01	1.60E-01	5.21E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					2.11E+01

Shrew: S[illegible]n 3
Maximu[illegible]centration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E+03							1.48E+02		1.00E+00	1.00E+00	1.48E+02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.33E+02			4.86E+01						1.00E+00	1.00E+00	4.86E+01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000017

Shrew: Stream 3
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+03	1.48E+02	1.60E-01	9.28E+02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.33E+02	4.86E+01	1.60E-01	3.04E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.23E+03

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

Shrew: [illegible]m 3
Maxim[illegible]ncentration

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.30E-03							1.38E-04		1.00E+00	1.00E+00	1.38E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.23E-04			4.51E-05						1.00E+00	1.00E+00	4.51E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.38E-01					6.51E+00				1.00E+00	1.00E+00	6.51E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000019

Shrew: Stream 3
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.38E-04	9.16E-01	1.50E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	1.23E-04	4.51E-05	9.16E-01	4.93E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					2.00E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Water	4.38E-01	6.51E+00	1.00E+01	6.51E-01	
Food	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					6.51E-01

Shrew: n 3
Maxim ncentration

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.50E-02							3.71E-03		1.00E+00	1.00E+00	3.71E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.32E-03			1.22E-03						1.00E+00	1.00E+00	1.22E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Shrew: Stream 3
Maximum Concentration

Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	3.71E-03	5.40E-02	6.87E-02	
Water	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Food	3.32E-03	1.22E-03	5.40E-02	2.25E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Total					9.12E-02

Shrew: S[illegible]m 3
Maximu[illegible]centration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.00E-02					7.43E-01				1.00E+00	1.00E+00	7.43E-01
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Shrew: Stream 3
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Water	5.00E-02	7.43E-01	1.01E+00	7.35E-01	
Food	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					7.35E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

Shrew: S[illegible]m 3
Maxim[illegible]centration

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.34E-01					1.99E+00				1.00E+00	1.00E+00	1.99E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Shrew: Stream 3
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Water	1.34E-01	1.99E+00	3.50E+00	5.69E-01	
Food	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					5.69E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

Shrew: S[illegible]n 3
Maximu[illegible]centration

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.60E-03							7.00E-04		1.00E+00	1.00E+00	7.00E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.27E-04			2.29E-04						1.00E+00	1.00E+00	2.29E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Shrew: Stream 3
Maximum Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	7.00E-04	8.00E-03	8.75E-02	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	6.27E-04	2.29E-04	8.00E-03	2.86E-02	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					1.16E-01

Shrew: n 3
Maxim ncentration

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.90E-03							4.13E-04		1.00E+00	1.00E+00	4.13E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.70E-04			1.35E-04						1.00E+00	1.00E+00	1.35E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Shrew: Stream 3
Maximum Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	4.13E-04	3.00E-02	1.38E-02	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	3.70E-04	1.35E-04	3.00E-02	4.51E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.83E-02

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					0.00E+00

000030

Shrew: [illegible] m 3
Maxim[illegible] [illegible]centration

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E-03							1.48E-04		1.00E+00	1.00E+00	1.48E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.33E-04			4.86E-05						1.00E+00	1.00E+00	4.86E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000031

Shrew: Stream 3
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.48E-04	1.18E-06	1.25E+02	
Water	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Food	1.33E-04	4.86E-05	1.18E-06	4.11E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Total					1.66E+02

Shrew: S[illegible]m 3
Maxim[illegible]centration

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.88E-01					7.25E+00				1.00E+00	1.00E+00	7.25E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Water	4.88E-01	7.25E+00	1.76E+01	4.12E-01	
Food	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					4.12E-01

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.00E-03					8.92E-02				1.00E+00	1.00E+00	8.92E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000035

Shrew: Stream 3
Maximum Concentration

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Water	6.00E-03	8.92E-02	1.17E+00	7.62E-02	
Food	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Total					7.62E-02

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					0.00E+00

AREA A DOWNSTREAM WATERCOURSES

STREAM 3

MAXIMUM EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation mg/m³ Air	Dermal mg/kg Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	2.40E+02	1.00E-04	1.27E+01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	2.40E+01	0.00E+00	1.27E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.40E+03	0.00E+00	7.43E+01	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	4.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	5.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	5.42E-07	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	4.17E-08	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	4.88E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	6.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			2.93E+03
4,4'-DDE			2.93E+02
4,4'-DDT			1.71E+04
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			2.07E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.64E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.03E+04

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			1.17E-04
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			2.66E-06
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			3.23E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.23E+00

Owl: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Owl: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			9.74E-02
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			2.14E-03
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			6.55E-03
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			8.35E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.14E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			6.05E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.12E-03
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			7.17E-03

Owl: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			7.61E+03
4,4'-DDE			7.61E+02
4,4'-DDT			4.44E+04
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			6.62E-06
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.85E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			5.28E+04

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			4.70E-07
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			3.89E-09
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.71E-03
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.71E-03

Owl: Stream 3
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Owl: Stream 3
Maximum Concentration

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.40E+02							3.28E-01		1.00E+00	1.00E+00	3.28E-01
Water	1.00E-04					1.09E-05				1.00E+00	1.00E+00	1.09E-05
Food-an.	1.27E+01			8.52E-01						1.00E+00	1.00E+00	8.52E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.40E+01							3.28E-02		1.00E+00	1.00E+00	3.28E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.27E+00			8.52E-02						1.00E+00	1.00E+00	8.52E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000015

Owl: Stream 3
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+02	3.28E-01	1.12E-04	2.93E+03	
Water	1.00E-04	1.09E-05	1.12E-04	9.74E-02	
Food	1.27E+01	8.52E-01	1.12E-04	7.61E+03	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.05E+04

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+01	3.28E-02	1.12E-04	2.93E+02	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.27E+00	8.52E-02	1.12E-04	7.61E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.05E+03

000019

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E+03							1.91E+00		1.00E+00	1.00E+00	1.91E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.43E+01			4.97E+00						1.00E+00	1.00E+00	4.97E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000017

Owl: Stream 3
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+03	1.91E+00	1.12E-04	1.71E+04	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	7.43E+01	4.97E+00	1.12E-04	4.44E+04	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					6.15E+04

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.30E-03							1.77E-06		1.00E+00	1.00E+00	1.77E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.47E-06			5.67E-07						1.00E+00	1.00E+00	5.67E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.38E-01					4.78E-02				1.00E+00	1.00E+00	4.78E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Owl: Stream 3
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.77E-06	8.56E-02	2.07E-05	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	8.47E-06	5.67E-07	8.56E-02	6.62E-06	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					2.74E-05

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Water	4.38E-01	4.78E-02	2.23E+01	2.14E-03	
Food	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Total					2.14E-03

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.50E-02							4.78E-05		1.00E+00	1.00E+00	4.78E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.38E-04			4.93E-05						1.00E+00	1.00E+00	4.93E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Owl: Stream 3
Maximum Concentration

Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	4.78E-05	7.20E-02	6.64E-04	
Water	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Food	7.38E-04	4.93E-05	7.20E-02	6.85E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Total					1.35E-03

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.00E-02					5.45E-03				1.00E+00	1.00E+00	5.45E-03
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Owl: Stream 3
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Water	5.00E-02	5.45E-03	8.33E-01	6.55E-03	
Food	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Total					6.55E-03

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Total					0.00E+00

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.34E-01					1.46E-02				1.00E+00	1.00E+00	1.46E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

00025

Owl: Stream 3
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Water	1.34E-01	1.46E-02	1.75E+00	8.35E-03	
Food	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					8.35E-03

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Water	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Food	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Total					0.00E+00

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.60E-03							9.01E-06		1.00E+00	1.00E+00	9.01E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.42E-07			3.62E-08						1.00E+00	1.00E+00	3.62E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	9.01E-06	7.70E-02	1.17E-04	
Water	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Food	5.42E-07	3.62E-08	7.70E-02	4.70E-07	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Total					1.17E-04

000028

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.90E-03							5.32E-06		1.00E+00	1.00E+00	5.32E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-07			7.77E-09						1.00E+00	1.00E+00	7.77E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Owl: Stream 3
Maximum Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	5.32E-06	2.00E+00	2.66E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	1.16E-07	7.77E-09	2.00E+00	3.89E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					2.67E-06

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

Owl: Stre
Maximu centration

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E-03							1.91E-06		1.00E+00	1.00E+00	1.91E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.17E-08			2.79E-09						1.00E+00	1.00E+00	2.79E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000031

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.91E-06	5.92E-07	3.23E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	4.17E-08	2.79E-09	5.92E-07	4.71E-03	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Total					3.23E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.88E-01					5.32E-02				1.00E+00	1.00E+00	5.32E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

00003

Owl: Stream 3
Maximum Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Water	4.88E-01	5.32E-02	8.80E+00	6.05E-03	
Food	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Total					6.05E-03

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.00E-03					6.54E-04				1.00E+00	1.00E+00	6.54E-04
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000035

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Water	6.00E-03	6.54E-04	5.85E-01	1.12E-03	
Food	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Total					1.12E-03

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					0.00E+00

AREA A DOWNSTREAM WATERCOURSES

STREAM 3

AVERAGE EXPOSURE PT. CONCENTRATIONS

RACCOON

AREA A DOWNSTREAM WATER COURSES/OBDA: STREAM 3

AVERAGE EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	ng/m³ Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	2.30E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	4.65E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.07E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	2.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	1.16E+03	3.06E-01	8.75E+01	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	2.80E+01	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	1.21E+02	3.92E-02	4.70E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	1.18E-01	4.60E+02	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation mg/m³ Air	Dermal mg/kg Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	3.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	8.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	9.80E-01	0.00E+00	1.40E+01	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	5.40E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	1.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	6.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	1.75E+03	0.00E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	3.20E+00	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	2.71E+01	3.66E-01	1.01E+01	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	3.00E-03	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	1.80E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	6.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	4.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	3.90E+01	0.00E+00	0.00E+00	0.00E+00
2,4-Dimethylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Delta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan I	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			4.99E-02
4,4'-DDE			1.01E-02
4,4'-DDT			2.33E-02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.06E-04
Aluminum			4.03E-01
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			4.15E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			9.02E-01

Raccoon: Stream 3
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			5.85E-02
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			3.06E-02
Copper			2.58E-04
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			8.32E-03
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			8.34E-05
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			6.95E-03
Manganese			5.35E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			8.91E-06
Naphthalene			0.00E+00
Nickel			7.81E-04
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			1.46E-04
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.11E-01

Raccoon: Stream 3
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			1.65E-01
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			1.65E-01

Raccoon: Stream 3
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			9.89E-06
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			6.92E-04
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			8.76E-04
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			1.52E-04
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.73E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			4.70E-04
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			8.70E-05
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			5.57E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			1.41E-01
Anthracene			0.00E+00
Antimony			4.51E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			7.48E-02
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			4.23E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			8.79E-02
Carbazole			0.00E+00
TOTAL			4.58E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			1.71E-02
Cyanide			3.17E-02
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			2.72E-02
Manganese			9.24E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			3.46E-01
Silver			0.00E+00
TOTAL			4.32E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			1.96E-02
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			1.96E-02

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.30E+00							7.99E-03		1.00E+00	1.00E+00	7.99E-03
Water	7.00E-05					1.58E-06				1.00E+00	1.00E+00	1.58E-06
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.65E-01							1.61E-03		1.00E+00	1.00E+00	1.61E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.30E+00	7.99E-03	1.60E-01	4.99E-02	
Water	7.00E-05	1.58E-06	1.60E-01	9.89E-06	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					4.99E-02

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.65E-01	1.61E-03	1.60E-01	1.01E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.01E-02

000016

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.07E+00							3.73E-03		1.00E+00	1.00E+00	3.73E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Average Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.07E+00	3.73E-03	1.60E-01	2.33E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					2.33E-02

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

00018

Alpha-Chlordane	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.80E-02							9.72E-05		1.00E+00	1.00E+00	9.72E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.16E+03							4.03E+00		1.00E+00	1.00E+00	4.03E+00
Water	3.06E-01					6.92E-03				1.00E+00	1.00E+00	6.92E-03
Food-an.	8.75E+01			1.41E+00						1.00E+00	1.00E+00	1.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Raccoon: Stream 3
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.80E-02	9.72E-05	9.16E-01	1.06E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					1.06E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.16E+03	4.03E+00	1.00E+01	4.03E-01	
Water	3.06E-01	6.92E-03	1.00E+01	6.92E-04	
Food	8.75E+01	1.41E+00	1.00E+01	1.41E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					5.45E-01

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.80E+01			4.51E-01						1.00E+00	1.00E+00	4.51E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000021

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Total					0.00E+00

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	2.80E+01	4.51E-01	1.00E-02	4.51E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					4.51E+01

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.21E+02							4.20E-01		1.00E+00	1.00E+00	4.20E-01
Water	3.92E-02					8.87E-04				1.00E+00	1.00E+00	8.87E-04
Food-an.	4.70E+00			7.57E-02						1.00E+00	1.00E+00	7.57E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Average Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.21E+02	4.20E-01	1.01E+00	4.15E-01	
Water	3.92E-02	8.87E-04	1.01E+00	8.76E-04	
Food	4.70E+00	7.57E-02	1.01E+00	7.48E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					4.91E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

Boron	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.18E-01					2.67E-03				1.00E+00	1.00E+00	2.67E-03
Food-an.	4.60E+02			7.41E+00						1.00E+00	1.00E+00	7.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Water	1.18E-01	2.67E-03	1.75E+01	1.52E-04	
Food	4.60E+02	7.41E+00	1.75E+01	4.23E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Total					4.24E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.50E-01			8.86E-03						1.00E+00	1.00E+00	8.86E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Food	5.50E-01	8.86E-03	1.01E-01	8.79E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Total					8.79E-02

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.10E+00							1.08E-02		1.00E+00	1.00E+00	1.08E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Raccoon: Stream 3
Average Concentration

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E+00	1.08E-02	1.84E-01	5.85E-02	
Water	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Total					5.85E-02

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

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Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	8.80E-01							3.06E-03		1.00E+00	1.00E+00	3.06E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.80E-01	3.06E-03	1.00E-01	3.06E-02	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Total					3.06E-02

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	9.80E-01							3.40E-03		1.00E+00	1.00E+00	3.40E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.40E+01			2.26E-01						1.00E+00	1.00E+00	2.26E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.40E+00			8.70E-02						1.00E+00	1.00E+00	8.70E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Average Concentration

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.80E-01	3.40E-03	1.32E+01	2.58E-04	
Water	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Food	1.40E+01	2.26E-01	1.32E+01	1.71E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Total					1.73E-02

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Food	5.40E+00	8.70E-02	2.75E+00	3.17E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Total					3.17E-02

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Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intak Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.92E-02							6.66E-05		1.00E+00	1.00E+00	6.66E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.92E-02	6.66E-05	8.00E-03	8.32E-03	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					8.32E-03

Ethylbenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	6.00E-02							2.08E-04		1.00E+00	1.00E+00	2.08E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Total					0.00E+00

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.00E-02	2.08E-04	2.50E+00	8.34E-05	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					8.34E-05

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.75E+03							6.08E+00		1.00E+00	1.00E+00	6.08E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.92E+02			3.08E+00						1.00E+00	1.00E+00	3.08E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000039

Raccoon: Stream 3
Average Concentration

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.75E+03	6.08E+00	#DIV/0!	N/A	
Water	0.00E+00	0.00E+00	#DIV/0!	N/A	
Food	1.92E+02	3.08E+00	#DIV/0!	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	#DIV/0!	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	#DIV/0!	N/A	
Total					0.00E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.20E+00							1.11E-02		1.00E+00	1.00E+00	1.11E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.70E+00			4.35E-02						1.00E+00	1.00E+00	4.35E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.71E+01							9.41E-02		1.00E+00	1.00E+00	9.41E-02
Water	3.66E-01					8.28E-03				1.00E+00	1.00E+00	8.28E-03
Food-an.	1.01E+01			1.63E-01						1.00E+00	1.00E+00	1.63E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E+00	1.11E-02	1.60E+00	6.95E-03	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	2.70E+00	4.35E-02	1.60E+00	2.72E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					3.41E-02

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.71E+01	9.41E-02	1.76E+01	5.35E-03	
Water	3.66E-01	8.28E-03	1.76E+01	4.70E-04	
Food	1.01E+01	1.63E-01	1.76E+01	9.24E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					1.51E-02

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.00E-03							1.04E-05		1.00E+00	1.00E+00	1.04E-05
Water	4.50E-03					1.02E-04				1.00E+00	1.00E+00	1.02E-04
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

00043

Raccoon: Stream 3
Average Concentration

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	1.04E-05	1.17E+00	8.91E-06	
Water	4.50E-03	1.02E-04	1.17E+00	8.70E-05	
Food	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Total					9.59E-05

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					0.00E+00

Nickel	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.80E+00							6.25E-03		1.00E+00	1.00E+00	6.25E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E+00	6.25E-03	8.00E+00	7.81E-04	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					7.81E-04

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Total					0.00E+00

000146

Phenanthrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	6.30E-02							2.19E-04		1.00E+00	1.00E+00	2.19E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 3
Average Concentration

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Total					0.00E+00

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.30E-02	2.19E-04	1.50E+00	1.46E-04	
Water	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Total					1.46E-04

00048

Selenium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.45E-01			1.04E-02						1.00E+00	1.00E+00	1.04E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Silver	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000049

Raccoon: Stream 3
Average Concentration

Selenium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	6.45E-01	1.04E-02	3.00E-02	3.46E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					3.46E-01

Silver	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Total					0.00E+00

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.00E+00							1.39E-02		1.00E+00	1.00E+00	1.39E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 3
Average Concentration

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E+00	1.39E-02	8.40E-02	1.65E-01	
Water	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Total					1.65E-01

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Water	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Food	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Total					0.00E+00

Raccoon: Stream 3
Average [illegible]centration

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.90E+01			6.28E-01						1.00E+00	1.00E+00	6.28E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Total					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Water	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Food	3.90E+01	6.28E-01	3.20E+01	1.96E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Total					1.96E-02

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AREA A DOWNSTREAM WATERCOURSES

STREAM 3

AVERAGE EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m3 Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	3.48E+01	7.00E-05	3.31E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	4.19E+00	0.00E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.05E+02	0.00E+00	1.95E+01	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	3.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylhexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation mg/m³ Air	Dermal mg/kg Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			2.31E+01
4,4'-DDE			2.78E+00
4,4'-DDT			1.36E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.50E-04
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.87E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.62E+02

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			8.75E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			1.38E-02
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			1.25E+02
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.25E+02

Shrew: Stream 3
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			6.50E-03
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			4.55E-01
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			5.76E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			5.01E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.54E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			3.09E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			5.72E-02
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.66E-01

Shrew: Stream 3
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			7.56E+00
4,4'-DDE			9.10E-01
4,4'-DDT			4.45E+01
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			4.93E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			2.25E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			5.30E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			2.86E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			4.51E-03
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.11E+01
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.11E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 3
Average Concentration

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.48E+01							3.69E+00		1.00E+00	1.00E+00	3.69E+00
Water	7.00E-05					1.04E-03				1.00E+00	1.00E+00	1.04E-03
Food-an.	3.31E+00			1.21E+00						1.00E+00	1.00E+00	1.21E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.19E+00							4.44E-01		1.00E+00	1.00E+00	4.44E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.98E-01			1.46E-01						1.00E+00	1.00E+00	1.46E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000015

Shrew: Stream 3
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.48E+01	3.69E+00	1.60E-01	2.31E+01	
Water	7.00E-05	1.04E-03	1.60E-01	6.50E-03	
Food	3.31E+00	1.21E+00	1.60E-01	7.56E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					3.06E+01

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.19E+00	4.44E-01	1.60E-01	2.78E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	3.98E-01	1.46E-01	1.60E-01	9.10E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					3.69E+00

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.05E+02							2.17E+01		1.00E+00	1.00E+00	2.17E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.95E+01			7.12E+00						1.00E+00	1.00E+00	7.12E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000017

Shrew: Stream 3
Average Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.05E+02	2.17E+01	1.60E-01	1.36E+02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.95E+01	7.12E+00	1.60E-01	4.45E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.80E+02

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.30E-03							1.38E-04		1.00E+00	1.00E+00	1.38E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.23E-04			4.51E-05						1.00E+00	1.00E+00	4.51E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.06E-01					4.55E+00				1.00E+00	1.00E+00	4.55E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000019

Shrew: Stream 3
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.38E-04	9.16E-01	1.50E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	1.23E-04	4.51E-05	9.16E-01	4.93E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					2.00E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Water	3.06E-01	4.55E+00	1.00E+01	4.55E-01	
Food	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					4.55E-01

000020

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.50E-02							3.71E-03		1.00E+00	1.00E+00	3.71E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.32E-03			1.22E-03						1.00E+00	1.00E+00	1.22E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Shrew: Stream 3
Average Concentration

Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	3.71E-03	5.40E-02	6.87E-02	
Water	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Food	3.32E-03	1.22E-03	5.40E-02	2.25E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Total					9.12E-02

000022

Shrew: S 3
Average entration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.92E-02					5.83E-01				1.00E+00	1.00E+00	5.83E-01
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Shrew: Stream 3
Average Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Water	3.92E-02	5.83E-01	1.01E+00	5.76E-01	
Food	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					5.76E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.18E-01					1.75E+00				1.00E+00	1.00E+00	1.75E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Shrew: Stream 3
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Water	1.18E-01	1.75E+00	3.50E+00	5.01E-01	
Food	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					5.01E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.60E-03							7.00E-04		1.00E+00	1.00E+00	7.00E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.27E-04			2.29E-04						1.00E+00	1.00E+00	2.29E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Shrew: Stream 3
Average Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	7.00E-04	8.00E-03	8.75E-02	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	6.27E-04	2.29E-04	8.00E-03	2.86E-02	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					1.16E-01

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.90E-03							4.13E-04		1.00E+00	1.00E+00	4.13E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.70E-04			1.35E-04						1.00E+00	1.00E+00	1.35E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Shrew: Stream 3
Average Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	4.13E-04	3.00E-02	1.38E-02	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	3.70E-04	1.35E-04	3.00E-02	4.51E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.83E-02

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					0.00E+00

000030

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E-03							1.48E-04		1.00E+00	1.00E+00	1.48E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.33E-04			4.86E-05						1.00E+00	1.00E+00	4.86E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000031

Shrew: Stream 3
Average Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.48E-04	1.18E-06	1.25E+02	
Water	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Food	1.33E-04	4.86E-05	1.18E-06	4.11E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Total					1.66E+02

00032

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.66E-01					5.44E+00				1.00E+00	1.00E+00	5.44E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Shrew: Stream 3
Average Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Water	3.66E-01	5.44E+00	1.76E+01	3.09E-01	
Food	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					3.09E-01

000034

Shrew: S ı 3
Average antration

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.50E-03					6.69E-02				1.00E+00	1.00E+00	6.69E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

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Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Water	4.50E-03	6.69E-02	1.17E+00	5.72E-02	
Food	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Total					5.72E-02

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					0.00E+00

AREA A DOWNSTREAM WATERCOURSES

STREAM 3

AVERAGE EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	3.48E+01	7.00E-05	1.85E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	4.19E+00	0.00E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.05E+02	0.00E+00	1.09E+01	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	3.06E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	3.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylhexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	5.42E-07	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	4.17E-08	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	3.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 3

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	ng/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			4.24E+02
4,4'-DDE			5.11E+01
4,4'-DDT			2.50E+03
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			2.07E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.64E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.98E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			1.17E-04
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			2.66E-06
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			3.23E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.23E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			6.82E-02
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			1.50E-03
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			5.13E-03
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			7.35E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			8.22E-02

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			4.54E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			8.39E-04
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			5.38E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.10E+03
4,4'-DDE			1.33E+02
4,4'-DDT			6.51E+03
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			6.62E-06
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.85E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			7.74E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			4.70E-07
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			3.89E-09
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.71E-03
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.71E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 3
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.48E+01							4.75E-02		1.00E+00	1.00E+00	4.75E-02
Water	7.00E-05					7.64E-06				1.00E+00	1.00E+00	7.64E-06
Food-an.	1.85E+00			1.24E-01						1.00E+00	1.00E+00	1.24E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.19E+00							5.72E-03		1.00E+00	1.00E+00	5.72E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.23E-01			1.49E-02						1.00E+00	1.00E+00	1.49E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.48E+01	4.75E-02	1.12E-04	4.24E+02	
Water	7.00E-05	7.64E-06	1.12E-04	6.82E-02	
Food	1.85E+00	1.24E-01	1.12E-04	1.10E+03	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.53E+03

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.19E+00	5.72E-03	1.12E-04	5.11E+01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	2.23E-01	1.49E-02	1.12E-04	1.33E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.84E+02

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.05E+02							2.80E-01		1.00E+00	1.00E+00	2.80E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.09E+01			7.29E-01						1.00E+00	1.00E+00	7.29E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.05E+02	2.80E-01	1.12E-04	2.50E+03	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.09E+01	7.29E-01	1.12E-04	6.51E+03	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					9.01E+03

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					0.00E+00

Owl: Str
Averag entration

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.30E-03							1.77E-06		1.00E+00	1.00E+00	1.77E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.47E-06			5.67E-07						1.00E+00	1.00E+00	5.67E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.06E-01					3.34E-02				1.00E+00	1.00E+00	3.34E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

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Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.77E-06	8.56E-02	2.07E-05	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	8.47E-06	5.67E-07	8.56E-02	6.62E-06	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					2.74E-05

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Water	3.06E-01	3.34E-02	2.23E+01	1.50E-03	
Food	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Total					1.50E-03

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.50E-02							4.78E-05		1.00E+00	1.00E+00	4.78E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.38E-04			4.93E-05						1.00E+00	1.00E+00	4.93E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	4.78E-05	7.20E-02	6.64E-04	
Water	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Food	7.38E-04	4.93E-05	7.20E-02	6.85E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Total					1.35E-03

Owl: Str ?
Average entration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.92E-02					4.28E-03				1.00E+00	1.00E+00	4.28E-03
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Water	3.92E-02	4.28E-03	8.33E-01	5.13E-03	
Food	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Total					5.13E-03

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Total					0.00E+00

000024

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.18E-01					1.29E-02				1.00E+00	1.00E+00	1.29E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Water	1.18E-01	1.29E-02	1.75E+00	7.35E-03	
Food	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					7.35E-03

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Water	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Food	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Total					0.00E+00

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.60E-03							9.01E-06		1.00E+00	1.00E+00	9.01E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.42E-07			3.62E-08						1.00E+00	1.00E+00	3.62E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	9.01E-06	7.70E-02	1.17E-04	
Water	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Food	5.42E-07	3.62E-08	7.70E-02	4.70E-07	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Total					1.17E-04

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.90E-03							5.32E-06		1.00E+00	1.00E+00	5.32E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-07			7.77E-09						1.00E+00	1.00E+00	7.77E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	5.32E-06	2.00E+00	2.66E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	1.16E-07	7.77E-09	2.00E+00	3.89E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					2.67E-06

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

000030

Owl: Str 3
Averag entration

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E-03							1.91E-06		1.00E+00	1.00E+00	1.91E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.17E-08			2.79E-09						1.00E+00	1.00E+00	2.79E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000031

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.91E-06	5.92E-07	3.23E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	4.17E-08	2.79E-09	5.92E-07	4.71E-03	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Total					3.23E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.66E-01					3.99E-02				1.00E+00	1.00E+00	3.99E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000033

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Water	3.66E-01	3.99E-02	8.80E+00	4.54E-03	
Food	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Total					4.54E-03

000034

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.50E-03					4.91E-04				1.00E+00	1.00E+00	4.91E-04
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000035

Owl: Stream 3
Average Concentration

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Water	4.50E-03	4.91E-04	5.85E-01	8.39E-04	
Food	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Total					8.39E-04

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					0.00E+00

APPENDIX I.5

SITE 3 - AREA A DOWNSTREAM WATERCOURSES/OBDA

STREAM 4

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER STREAM FOUR NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.07E-1	5.34E-2	X	8.70E-2	X	4.7E+0
Barium	5.15E-2	1.21E-2	X	3.90E-3	X	1.3E+1
Boron	6.92E-2	2.17E-2	X	0.00E+0	X	---
Calcium	1.98E+1	5.97E+0	X			
Cobalt	3.50E-3	5.00E-4	X	3.00E-3	X	1.2E+0
Iron	4.03E+0	5.85E-2	X	1.00E+0	X	4.0E+0
Magnesium	5.75E+0	2.07E+0	X			
Manganese	4.45E-1	1.71E-2	X	8.00E-2	X	5.6E+0
Nickel	5.90E-3	5.00E-4	X	1.19E-1		
Potassium	4.94E+0	6.10E-1	X			
Sodium	9.98E+1	1.13E+1	X			

000001

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	3.50E-4	1.00E-6	X	3.5E+2

000002

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.07E-1	5.34E-2	X	8.70E-2	X	4.7E+0
Barium	5.15E-2	1.21E-2	X	3.90E-3	X	1.3E+1
Boron	6.92E-2	2.17E-2	X	0.00E+0	X	---
Calcium	1.98E+1	5.97E+0	X			
Cobalt	3.50E-3	5.00E-4	X	3.00E-3	X	1.2E+0
Iron	4.03E+0	5.85E-2	X	1.00E+0	X	4.0E+0
Magnesium	5.75E+0	2.07E+0	X			
Manganese	4.45E-1	1.71E-2	X	8.00E-2	X	5.6E+0
Nickel	5.90E-3	5.00E-4	X	1.19E-1		
Potassium	4.94E+0	6.10E-1	X			
Sodium	9.98E+1	1.13E+1	X			

000003

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Surface Water Endpoint Benchmark Value (mg/L)	Exceeds Surface Water Endpoint Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	1.50E-4	1.00E-6	X	1.5E+2

000004

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.72E+3	1.16E+3	X	2.70E+4		
Arsenic	4.20E+0	2.70E-1	X	6.00E+0		
Barium	9.10E+1	1.37E+1	X	2.00E+1	X	4.6E+0
Beryllium	1.70E+0	1.85E-1	X	0.00E+0	X	---
Boron	4.00E+0	2.70E+0	X	0.00E+0	X	---
Calcium	9.22E+4	2.15E+2	X			
Chromium	1.53E+1	3.10E+0	X	2.60E+1		
Cobalt	7.90E+0	8.80E-1	X	5.00E+1		
Copper	2.57E+1	9.80E-1	X	1.60E+1	X	1.6E+0
Cyanide	2.80E+0	4.40E-1	X	1.00E-1	X	2.8E+1
Iron	5.12E+4	1.75E+3	X	2.00E+6		
Lead	3.28E+1	3.20E+0	X	3.10E+1	X	1.1E+0
Magnesium	1.34E+3	4.17E+2	X			
Manganese	3.44E+2	2.71E+1	X	4.60E+2		
Nickel	1.47E+1	1.80E+0	X	1.60E+1		
Potassium	1.89E+3	1.65E+2	X			
Sodium	6.78E+2	2.57E+1	X			
Vanadium	2.05E+1	4.00E+0	X	0.00E+0	X	---
Zinc	9.19E+1	3.85E+0	X	1.20E+2		

000005

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	1.20E+2	2.88E-3	X	4.2E+4
4,4'-DDE	9.00E+0	1.46E-3	X	6.2E+3
4,4'-DDT	1.40E+1	4.52E-3	X	3.1E+3
Alpha-Chlordane	4.90E-1	3.74E+1		
Dieldrin	9.00E-1	7.41E-5	X	1.2E+4

000006

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IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.00E+3	1.16E+3	X	2.70E+4		
Arsenic	4.05E+0	2.70E-1	X	6.00E+0		
Barium	5.95E+1	1.37E+1	X	2.00E+1	X	3.0E+0
Beryllium	1.11E+0	1.85E-1	X	0.00E+0	X	---
Boron	3.78E+0	2.70E+0	X	0.00E+0	X	---
Calcium	5.44E+4	2.15E+2	X			
Chromium	1.24E+1	3.10E+0	X	2.60E+1		
Cobalt	6.85E+0	8.80E-1	X	5.00E+1		
Copper	2.19E+1	9.80E-1	X	1.60E+1	X	1.4E+0
Cyanide	1.46E+0	4.40E-1	X	1.00E-1	X	1.5E+1
Iron	4.28E+4	1.75E+3	X	2.00E+6		
Lead	2.80E+1	3.20E+0	X	3.10E+1		
Magnesium	1.33E+3	4.17E+2	X			
Manganese	2.77E+2	2.71E+1	X	4.60E+2		
Nickel	1.42E+1	1.80E+0	X	1.60E+1		
Potassium	1.40E+3	1.65E+2	X			
Sodium	5.34E+2	2.57E+1	X			
Vanadium	1.61E+1	4.00E+0	X	0.00E+0	X	---
Zinc	7.02E+1	3.85E+0	X	1.20E+2		

000007

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	5.35E+1	2.88E-3	X	1.9E+4
4,4'-DDE	3.29E+0	1.46E-3	X	2.3E+3
4,4'-DDT	5.26E+0	4.52E-3	X	1.2E+3
Alpha-Chlordane	4.54E-1	3.74E+1		
Dieldrin	4.72E-1	7.41E-5	X	6.4E+3

000008

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/L)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.07E-1	5.34E-2	X	7.50E-1	X	5.4E-1
Barium	5.15E-2	1.21E-2	X	6.91E-2	X	7.5E-1
Cobalt	3.50E-3	5.00E-4	X	3.00E-2	X	1.2E-1
Iron	4.03E+0	5.85E-2	X	1.00E+1	X	4.0E-1
Manganese	4.45E-1	1.71E-2	X	1.47E+0	X	3.0E-1

000009

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER STREAM FOUR NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/L)	Acute Benchmark Value (mg/L)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	3.50E-4	5.50E-4	X	6.4E-1

000010

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SURFACE WATER
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Site-Specific Background Screening Value (mg/L)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/L)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	4.07E-1	5.34E-2	X	7.50E-1	X	5.4E-1
Barium	5.15E-2	1.21E-2	X	6.91E-2	X	7.5E-1
Cobalt	3.50E-3	5.00E-4	X	3.00E-2	X	1.2E-1
Iron	4.03E+0	5.85E-2	X	1.00E+1	X	4.0E-1
Manganese	4.45E-1	1.71E-2	X	1.41E+0	X	3.2E-1

000011

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SURFACE WATER
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/L)	Acute Benchmark Value (mg/L)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	1.50E-4	5.50E-4	X	2.7E-1

000012

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/kg)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Barium	9.10E+1	1.37E+1	X	6.00E+1	X	1.5E+0
Copper	2.57E+1	9.80E-1	X	1.10E+2	X	2.3E-1
Cyanide	2.80E+0	4.40E-1	X	2.50E-1	X	1.1E+1
Lead	3.28E+1	3.20E+0	X	3.50E+2	X	9.4E-2

000013

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)	Site-Specific Acute Benchmark Value (mg/kg)	Exceeds Site-Specific Acute Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	1.20E+2	1.58E+0	X	7.6E+1
4,4'-DDE	9.00E+0	8.00E-1	X	1.1E+1
4,4'-DDT	1.40E+1	2.49E+0	X	5.6E+0
Dieldrin	9.00E-1	9.80E-2	X	9.2E+0

000014

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Site-Specific Background Screening Values (mg/kg)	Exceeds Site-Specific Background Screening Value	Acute Benchmark Value (mg/kg)	Exceeds Acute Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Barium	5.95E+1	1.37E+1	X	6.00E+1	X	9.9E-1
Copper	2.19E+1	9.80E-1	X	1.10E+2	X	2.0E-1
Cyanide	1.46E+0	4.40E-1	X	2.50E-1	X	5.8E+0

000015

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SEDIMENTS
STREAM FOUR
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Site-Specific Acute Benchmark Value (mg/kg)	Exceeds Site-Specific Acute Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
4,4'-DDD	5.35E+1	1.58E+0	X	3.4E+1
4,4'-DDE	3.29E+0	8.00E-1	X	4.1E+0
4,4'-DDT	5.26E+0	2.49E+0	X	2.1E+0
Dieldrin	4.72E-1	9.80E-2	X	4.8E+0

000016

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 4
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg).
1,1,2,2-Tetrachloroethane	2.39E+00	2.23E+02	6.38E+00	0.00E+00	0.00E+00	7.83E+02	0.00E+00	1.90E+00	0.00E+00	6.15E-06	0.00E+00
1,1,2-Trichloroethane	2.17E+00	1.36E+02	6.38E+00	0.00E+00	0.00E+00	7.27E+02	0.00E+00	1.90E+00	0.00E+00	3.72E-06	0.00E+00
1,1-Dichloroethene	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,2-Dichloroethene (total)	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,4-Dichlorobenzene	3.39E+00	2.15E+03	6.38E+00	0.00E+00	0.00E+00	3.37E+02	0.00E+00	1.90E+00	0.00E+00	6.17E-05	0.00E+00
2-Butanone	2.60E-01	1.80E+00	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.57E-08	0.00E+00
2-Methylnaphthalene	3.86E+00	6.23E+03	6.38E+00	0.00E+00	0.00E+00	2.34E+02	0.00E+00	1.90E+00	0.00E+00	1.82E-04	0.00E+00
3,3'-Dichlorobenzidine	3.51E+00	2.82E+03	6.38E+00	0.00E+00	0.00E+00	5.34E+02	0.00E+00	1.90E+00	0.00E+00	8.11E-05	0.00E+00
4,4'-DDD	5.99E+00	7.73E+05	6.38E+00	2.40E+02	4.86E-05	1.00E+03	4.86E-06	1.90E+00	9.11E+01	2.00E-01	2.22E+01
4,4'-DDE	5.69E+00	3.92E+05	6.38E+00	2.40E+01	9.59E-06	1.00E+03	9.59E-07	1.90E+00	9.11E+00	2.00E-01	2.22E+00
4,4'-DDT	6.19E+00	1.22E+06	6.38E+00	1.40E+03	1.80E-04	1.00E+03	1.80E-05	1.90E+00	5.32E+02	2.00E-01	1.29E+02
4-Methyl-2-pentanone	1.09E+00	1.18E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.09E-07	0.00E+00
Acenaphthene	3.92E+00	7.14E+03	6.38E+00	0.00E+00	0.00E+00	2.43E+02	0.00E+00	1.90E+00	0.00E+00	2.09E-04	0.00E+00
Acenaphthylene	4.07E+00	1.00E+04	6.38E+00	0.00E+00	0.00E+00	2.16E+02	0.00E+00	1.90E+00	0.00E+00	2.95E-04	0.00E+00
Acetone	-2.40E-01	5.81E-01	6.38E+00	0.00E+00	0.00E+00	6.09E+02	0.00E+00	1.90E+00	0.00E+00	1.45E-08	0.00E+00
Aldrin	5.11E+00	1.06E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.24E-03	0.00E+00
Alpha-Chlordane	5.99E+00	7.73E+05	6.38E+00	1.30E-03	2.63E-10	1.00E+03	2.63E-11	1.90E+00	4.94E-04	2.45E-02	1.47E-05
Aluminum	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-03	0.00E+00
Anthracene	4.45E+00	2.37E+04	6.38E+00	0.00E+00	0.00E+00	1.93E+02	0.00E+00	1.90E+00	0.00E+00	7.08E-04	0.00E+00
Antimony	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-03	0.00E+00
Aroclor-1248	6.20E+00	1.24E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.97E-02	0.00E+00
Aroclor-1254	6.50E+00	2.45E+06	6.38E+00	3.50E-02	2.24E-09	1.00E+03	2.24E-10	1.90E+00	1.33E-02	7.94E-02	1.28E-03
Aroclor-1260	6.80E+00	4.84E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.59E-01	0.00E+00
Arsenic	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-03	0.00E+00
Barium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-04	0.00E+00
Benzene	1.13E+00	1.29E+01	6.38E+00	0.00E+00	0.00E+00	8.90E+02	0.00E+00	1.90E+00	0.00E+00	3.39E-07	0.00E+00
Benzo(a)anthracene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Benzo(a)pyrene	5.98E+00	7.56E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.40E-02	0.00E+00
Benzo(b)fluoranthene	6.57E+00	2.87E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	9.33E-02	0.00E+00
Benzo(g,h,i)perylene	7.23E+00	1.28E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.27E-01	0.00E+00
Benzo(k)fluoranthene	6.84E+00	5.30E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.74E-01	0.00E+00
Benzoic acid	1.73E+00	5.02E+01	6.38E+00	0.00E+00	0.00E+00	9.10E+02	0.00E+00	1.90E+00	0.00E+00	1.35E-06	0.00E+00
Beryllium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.00E-03	0.00E+00
Bis(2-ethylexyl)phthalate	5.30E+00	1.62E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-03	0.00E+00
Boron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	8.00E-04	0.00E+00
Bromodichloromethane	1.88E+00	7.06E+01	6.38E+00	0.00E+00	0.00E+00	4.95E+01	0.00E+00	1.90E+00	0.00E+00	1.91E-06	0.00E+00
Bromomethane	1.10E+00	1.21E+01	6.38E+00	0.00E+00	0.00E+00	2.71E+02	0.00E+00	1.90E+00	0.00E+00	3.16E-07	0.00E+00
Butyl benzyl phthalate	4.78E+00	5.00E+04	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.51E-03	0.00E+00
Cadmium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+01	0.00E+00	2.00E+00	0.00E+00	5.50E-04	0.00E+00
Carbazole	3.29E+00	1.72E+03	6.38E+00	0.00E+00	0.00E+00	4.12E+02	0.00E+00	1.90E+00	0.00E+00	4.90E-05	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%Dry Weight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 4
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Carbon disulfide	2.16E+00	1.33E+02	6.38E+00	0.00E+00	0.00E+00	4.18E+02	0.00E+00	1.90E+00	0.00E+00	3.63E-06	0.00E+00
Chlorobenzene	2.84E+00	6.19E+02	6.38E+00	0.00E+00	0.00E+00	3.81E+02	0.00E+00	1.90E+00	0.00E+00	1.74E-05	0.00E+00
Chloroform	1.97E+00	8.64E+01	6.38E+00	0.00E+00	0.00E+00	7.50E+02	0.00E+00	1.90E+00	0.00E+00	2.34E-06	0.00E+00
Chloromethane	9.10E-01	7.85E+00	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	2.04E-07	0.00E+00
Chromium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.50E+01	0.00E+00	1.00E+00	0.00E+00	3.50E-03	0.00E+00
Chrysene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Cis-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Cobalt	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Copper	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	3.00E+01	0.00E+00	9.30E-01	0.00E+00	1.00E-02	0.00E+00
Cyanide	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-01	0.00E+00
Di-n-butylphthalate	5.20E+00	1.29E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.98E-03	0.00E+00
Dibenzo(a,h)anthracene	5.97E+00	7.39E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.34E-02	0.00E+00
Dibenzofuran	4.12E+00	1.12E+04	6.38E+00	0.00E+00	0.00E+00	2.30E+02	0.00E+00	1.90E+00	0.00E+00	3.31E-04	0.00E+00
Dieldrin	4.09E+00	1.05E+04	6.38E+00	6.60E-03	9.86E-08	5.32E+02	1.85E-08	1.90E+00	2.51E-03	3.09E-04	9.42E-07
Diethyl phthalate	2.96E+00	8.13E+02	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.29E-05	0.00E+00
Endosulfan II	3.62E+00	3.62E+03	6.38E+00	0.00E+00	0.00E+00	7.93E+02	0.00E+00	1.90E+00	0.00E+00	1.05E-04	0.00E+00
Endosulfan sulfate	3.65E+00	3.87E+03	6.38E+00	3.90E-03	1.58E-07	7.93E+02	1.99E-08	1.90E+00	1.48E-03	1.12E-04	2.02E-07
Endrin	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin aldehyde	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin ketone	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Ethylbenzene	3.15E+00	1.25E+03	6.38E+00	0.00E+00	0.00E+00	2.89E+02	0.00E+00	1.90E+00	0.00E+00	3.55E-05	0.00E+00
Fluoranthene	5.33E+00	1.74E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	5.37E-03	0.00E+00
Fluorene	4.18E+00	1.29E+04	6.38E+00	0.00E+00	0.00E+00	2.18E+02	0.00E+00	1.90E+00	0.00E+00	3.80E-04	0.00E+00
Gamma-Chlordane	2.78E+00	5.41E+02	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.51E-05	0.00E+00
Heptachlor	4.40E+00	2.12E+04	6.38E+00	0.00E+00	0.00E+00	4.19E+02	0.00E+00	1.90E+00	0.00E+00	6.31E-04	0.00E+00
Heptachlor epoxide	3.65E+00	3.87E+03	6.38E+00	1.40E-03	5.66E-08	4.19E+02	1.35E-08	1.90E+00	5.32E-04	1.12E-04	7.26E-08
Indeno(1,2,3-Cd)pyrene	7.66E+00	3.39E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.15E+00	0.00E+00
Iron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Lead	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.94E+01	0.00E+00	1.24E+00	0.00E+00	4.00E-04	0.00E+00
Manganese	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.70E-02	0.00E+00
Mercury	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.16E+00	0.00E+00	1.00E+00	0.00E+00	2.51E-08	0.00E+00
Methoxychlor	4.68E+00	3.99E+04	6.38E+00	0.00E+00	0.00E+00	3.18E+02	0.00E+00	1.90E+00	0.00E+00	1.20E-03	0.00E+00
Methylene chloride	1.25E+00	1.69E+01	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	4.47E-07	0.00E+00
Naphthalene	3.37E+00	2.06E+03	6.38E+00	0.00E+00	0.00E+00	2.98E+02	0.00E+00	1.90E+00	0.00E+00	5.89E-05	0.00E+00
Nickel	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	4.00E+02	0.00E+00	1.00E+00	0.00E+00	6.00E-03	0.00E+00
OCDD	6.10E+00	9.92E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.16E-02	0.00E+00
Phenanthrene	4.46E+00	2.42E+04	6.38E+00	0.00E+00	0.00E+00	1.92E+02	0.00E+00	1.90E+00	0.00E+00	7.24E-04	0.00E+00
Pyrene	5.18E+00	1.24E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.80E-03	0.00E+00
Selenium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-02	0.00E+00
Silver	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	3.00E-03	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%[illegible]ight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail [illegible]: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 4
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Styrene	3.16E+00	1.27E+03	6.38E+00	0.00E+00	0.00E+00	2.82E+02	0.00E+00	1.90E+00	0.00E+00	3.62E-05	0.00E+00
Tetrachloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	7.00E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Thallium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	4.00E-02	0.00E+00
Toluene	2.69E+00	4.41E+02	6.38E+00	0.00E+00	0.00E+00	3.48E+02	0.00E+00	1.90E+00	0.00E+00	1.23E-05	0.00E+00
Trans-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Trichloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	5.55E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Vanadium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.50E-03	0.00E+00
Vinyl acetate	3.00E-01	1.97E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-08	0.00E+00
Xylenes, total	7.33E+00	1.61E+07	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.37E-01	0.00E+00
Zinc	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+03	0.00E+00	2.30E+00	0.00E+00	1.00E-01	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%Dry Weight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 4
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
1,1,2,2-Tetrachloroethane	2.39E+00	2.23E+02	6.38E+00	0.00E+00	0.00E+00	7.83E+02	0.00E+00	1.90E+00	0.00E+00	6.15E-06	0.00E+00
1,1,2-Trichloroethane	2.17E+00	1.36E+02	6.38E+00	0.00E+00	0.00E+00	7.27E+02	0.00E+00	1.90E+00	0.00E+00	3.72E-06	0.00E+00
1,1-Dichloroethene	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,2-Dichloroethene (total)	1.48E+00	2.85E+01	6.38E+00	0.00E+00	0.00E+00	8.62E+02	0.00E+00	1.90E+00	0.00E+00	7.59E-07	0.00E+00
1,4-Dichlorobenzene	3.39E+00	2.15E+03	6.38E+00	0.00E+00	0.00E+00	3.37E+02	0.00E+00	1.90E+00	0.00E+00	6.17E-05	0.00E+00
2-Butanone	2.60E-01	1.80E+00	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.57E-08	0.00E+00
2-Methylnaphthalene	3.86E+00	6.23E+03	6.38E+00	0.00E+00	0.00E+00	2.34E+02	0.00E+00	1.90E+00	0.00E+00	1.82E-04	0.00E+00
3,3'-Dichlorobenzidine	3.51E+00	2.82E+03	6.38E+00	0.00E+00	0.00E+00	5.34E+02	0.00E+00	1.90E+00	0.00E+00	8.11E-05	0.00E+00
4,4'-DDD	5.99E+00	7.73E+05	6.38E+00	3.48E+01	7.05E-06	1.00E+03	7.05E-07	1.90E+00	1.32E+01	2.00E-01	3.22E+00
4,4'-DDE	5.69E+00	3.92E+05	6.38E+00	4.19E+00	1.67E-06	1.00E+03	1.67E-07	1.90E+00	1.59E+00	2.00E-01	3.87E-01
4,4'-DDT	6.19E+00	1.22E+06	6.38E+00	2.05E+02	2.64E-05	1.00E+03	2.64E-06	1.90E+00	7.79E+01	2.00E-01	1.90E+01
4-Methyl-2-pentanone	1.09E+00	1.18E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.09E-07	0.00E+00
Acenaphthene	3.92E+00	7.14E+03	6.38E+00	0.00E+00	0.00E+00	2.43E+02	0.00E+00	1.90E+00	0.00E+00	2.09E-04	0.00E+00
Acenaphthylene	4.07E+00	1.00E+04	6.38E+00	0.00E+00	0.00E+00	2.16E+02	0.00E+00	1.90E+00	0.00E+00	2.95E-04	0.00E+00
Acetone	-2.40E-01	5.81E-01	6.38E+00	0.00E+00	0.00E+00	6.09E+02	0.00E+00	1.90E+00	0.00E+00	1.45E-08	0.00E+00
Aldrin	5.11E+00	1.06E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.24E-03	0.00E+00
Alpha-Chlordane	5.99E+00	7.73E+05	6.38E+00	1.30E-03	2.63E-10	1.00E+03	2.63E-11	1.90E+00	4.94E-04	2.45E-02	1.47E-05
Aluminum	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-03	0.00E+00
Anthracene	4.45E+00	2.37E+04	6.38E+00	0.00E+00	0.00E+00	1.93E+02	0.00E+00	1.90E+00	0.00E+00	7.08E-04	0.00E+00
Antimony	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-03	0.00E+00
Aroclor-1248	6.20E+00	1.24E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.97E-02	0.00E+00
Aroclor-1254	6.50E+00	2.45E+06	6.38E+00	3.50E-02	2.24E-09	1.00E+03	2.24E-10	1.90E+00	1.33E-02	7.94E-02	1.28E-03
Aroclor-1260	6.80E+00	4.84E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.59E-01	0.00E+00
Arsenic	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-03	0.00E+00
Barium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-04	0.00E+00
Benzene	1.13E+00	1.29E+01	6.38E+00	0.00E+00	0.00E+00	8.90E+02	0.00E+00	1.90E+00	0.00E+00	3.39E-07	0.00E+00
Benzo(a)anthracene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Benzo(a)pyrene	5.98E+00	7.56E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.40E-02	0.00E+00
Benzo(b)fluoranthene	6.57E+00	2.87E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	9.33E-02	0.00E+00
Benzo(g,h,i)perylene	7.23E+00	1.28E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	4.27E-01	0.00E+00
Benzo(k)fluoranthene	6.84E+00	5.30E+06	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.74E-01	0.00E+00
Benzoic acid	1.73E+00	5.02E+01	6.38E+00	0.00E+00	0.00E+00	9.10E+02	0.00E+00	1.90E+00	0.00E+00	1.35E-06	0.00E+00
Beryllium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.00E-03	0.00E+00
Bis(2-ethylexyl)phthalate	5.30E+00	1.62E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-03	0.00E+00
Boron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	8.00E-04	0.00E+00
Bromodichloromethane	1.88E+00	7.06E+01	6.38E+00	0.00E+00	0.00E+00	4.95E+01	0.00E+00	1.90E+00	0.00E+00	1.91E-06	0.00E+00
Bromomethane	1.10E+00	1.21E+01	6.38E+00	0.00E+00	0.00E+00	2.71E+02	0.00E+00	1.90E+00	0.00E+00	3.16E-07	0.00E+00
Butyl benzyl phthalate	4.78E+00	5.00E+04	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.51E-03	0.00E+00
Cadmium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+01	0.00E+00	2.00E+00	0.00E+00	5.50E-04	0.00E+00
Carbazole	3.29E+00	1.72E+03	6.38E+00	0.00E+00	0.00E+00	4.12E+02	0.00E+00	1.90E+00	0.00E+00	4.90E-05	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%[illegible]ight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail[illegible]: 69.00

000020

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 4
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Carbon disulfide	2.16E+00	1.33E+02	6.38E+00	0.00E+00	0.00E+00	4.18E+02	0.00E+00	1.90E+00	0.00E+00	3.63E-06	0.00E+00
Chlorobenzene	2.84E+00	6.19E+02	6.38E+00	0.00E+00	0.00E+00	3.81E+02	0.00E+00	1.90E+00	0.00E+00	1.74E-05	0.00E+00
Chloroform	1.97E+00	8.64E+01	6.38E+00	0.00E+00	0.00E+00	7.50E+02	0.00E+00	1.90E+00	0.00E+00	2.34E-06	0.00E+00
Chloromethane	9.10E-01	7.85E+00	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	2.04E-07	0.00E+00
Chromium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.50E+01	0.00E+00	1.00E+00	0.00E+00	3.50E-03	0.00E+00
Chrysene	5.61E+00	3.27E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	1.02E-02	0.00E+00
Cis-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Cobalt	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Copper	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	3.00E+01	0.00E+00	9.30E-01	0.00E+00	1.00E-02	0.00E+00
Cyanide	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.00E-01	0.00E+00
Di-n-butylphthalate	5.20E+00	1.29E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.98E-03	0.00E+00
Dibenzo(a,h)anthracene	5.97E+00	7.39E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	2.34E-02	0.00E+00
Dibenzofuran	4.12E+00	1.12E+04	6.38E+00	0.00E+00	0.00E+00	2.30E+02	0.00E+00	1.90E+00	0.00E+00	3.31E-04	0.00E+00
Dieldrin	4.09E+00	1.05E+04	6.38E+00	6.60E-03	9.86E-08	5.32E+02	1.85E-08	1.90E+00	2.51E-03	3.09E-04	9.42E-07
Diethyl phthalate	2.96E+00	8.13E+02	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.29E-05	0.00E+00
Endosulfan ii	3.62E+00	3.62E+03	6.38E+00	0.00E+00	0.00E+00	7.93E+02	0.00E+00	1.90E+00	0.00E+00	1.05E-04	0.00E+00
Endosulfan sulfate	3.65E+00	3.87E+03	6.38E+00	3.90E-03	1.58E-07	7.93E+02	1.99E-08	1.90E+00	1.48E-03	1.12E-04	2.02E-07
Endrin	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin aldehyde	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Endrin ketone	5.60E+00	3.20E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.00E-02	0.00E+00
Ethylbenzene	3.15E+00	1.25E+03	6.38E+00	0.00E+00	0.00E+00	2.89E+02	0.00E+00	1.90E+00	0.00E+00	3.55E-05	0.00E+00
Fluoranthene	5.33E+00	1.74E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	5.37E-03	0.00E+00
Fluorene	4.18E+00	1.29E+04	6.38E+00	0.00E+00	0.00E+00	2.18E+02	0.00E+00	1.90E+00	0.00E+00	3.80E-04	0.00E+00
Gamma-Chlordane	2.78E+00	5.41E+02	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.51E-05	0.00E+00
Heptachlor	4.40E+00	2.12E+04	6.38E+00	0.00E+00	0.00E+00	4.19E+02	0.00E+00	1.90E+00	0.00E+00	6.31E-04	0.00E+00
Heptachlor epoxide	3.65E+00	3.87E+03	6.38E+00	1.40E-03	5.66E-08	4.19E+02	1.35E-08	1.90E+00	5.32E-04	1.12E-04	7.26E-08
Indeno(1,2,3-Cd)pyrene	7.66E+00	3.39E+07	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	1.15E+00	0.00E+00
Iron	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Lead	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.94E+01	0.00E+00	1.24E+00	0.00E+00	4.00E-04	0.00E+00
Manganese	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	2.70E-02	0.00E+00
Mercury	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	2.16E+00	0.00E+00	1.00E+00	0.00E+00	2.51E-08	0.00E+00
Methoxychlor	4.68E+00	3.99E+04	6.38E+00	0.00E+00	0.00E+00	3.18E+02	0.00E+00	1.90E+00	0.00E+00	1.20E-03	0.00E+00
Methylene chloride	1.25E+00	1.69E+01	6.38E+00	0.00E+00	0.00E+00	6.78E+02	0.00E+00	1.90E+00	0.00E+00	4.47E-07	0.00E+00
Naphthalene	3.37E+00	2.06E+03	6.38E+00	0.00E+00	0.00E+00	2.98E+02	0.00E+00	1.90E+00	0.00E+00	5.89E-05	0.00E+00
Nickel	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	4.00E+02	0.00E+00	1.00E+00	0.00E+00	6.00E-03	0.00E+00
OCDD	6.10E+00	9.92E+05	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	3.16E-02	0.00E+00
Phenanthrene	4.46E+00	2.42E+04	6.38E+00	0.00E+00	0.00E+00	1.92E+02	0.00E+00	1.90E+00	0.00E+00	7.24E-04	0.00E+00
Pyrene	5.18E+00	1.24E+05	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	3.80E-03	0.00E+00
Selenium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	1.50E-02	0.00E+00
Silver	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	3.00E-03	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%Earthworm Lipid Content: 8.00
%Dry Weight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Stream 4
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Styrene	3.16E+00	1.27E+03	6.38E+00	0.00E+00	0.00E+00	2.82E+02	0.00E+00	1.90E+00	0.00E+00	3.62E-05	0.00E+00
Tetrachloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	7.00E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Thallium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.00E+00	0.00E+00	4.00E-02	0.00E+00
Toluene	2.69E+00	4.41E+02	6.38E+00	0.00E+00	0.00E+00	3.48E+02	0.00E+00	1.90E+00	0.00E+00	1.23E-05	0.00E+00
Trans-1,3-dichloropropene	1.41E+00	2.43E+01	6.38E+00	0.00E+00	0.00E+00	1.00E+03	0.00E+00	1.90E+00	0.00E+00	6.46E-07	0.00E+00
Trichloroethene	2.53E+00	3.07E+02	6.38E+00	0.00E+00	0.00E+00	5.55E+02	0.00E+00	1.90E+00	0.00E+00	8.51E-06	0.00E+00
Vanadium	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	2.50E-03	0.00E+00
Vinyl acetate	3.00E-01	1.97E+00	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.01E-08	0.00E+00
Xylenes, total	7.33E+00	1.61E+07	6.38E+00	0.00E+00	0.00E+00	0.00E+00	N/A	1.90E+00	0.00E+00	5.37E-01	0.00E+00
Zinc	0.00E+00	1.00E+00	6.38E+00	0.00E+00	0.00E+00	5.00E+03	0.00E+00	2.30E+00	0.00E+00	1.00E-01	0.00E+00

Soil Organic Content (mg/kg): 63833.33
%E[illegible]worm Lipid Content: 8.00
%i[illegible]ight: 20.00

foc(%): 6.38
%soil in diet - short tail shrew: 20.00
%animal in diet - short tai[illegible]: 69.00

AREA A DOWNSTREAM WATER COURSES/OBDA: STREAM 4

MAXIMUM EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A DOWNSTREAM WATERCOURSES

STREAM 4

MAXIMUM EXPOSURE PT. CONCENTRATIONS

RACCOON

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation mg/m³ Air	Dermal mg/kg Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	1.20E+02	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	9.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.40E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	4.90E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	4.72E+03	4.07E-01	8.75E+01	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	2.80E+01	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	9.10E+01	5.15E-02	4.70E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	6.92E-02	4.60E+02	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	7.90E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	2.57E+01	0.00E+00	1.40E+01	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	5.40E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	9.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	5.12E+04	0.00E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	3.28E+01	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	3.44E+02	4.45E-01	1.01E+01	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	1.47E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	ng/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	2.05E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	3.90E+01	0.00E+00	0.00E+00	0.00E+00
2,4-Dimethylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Delta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan I	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIEN
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			2.60E+00
4,4'-DDE			1.95E-01
4,4'-DDT			3.04E-01
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.86E-03
Aluminum			1.64E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			3.12E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			5.06E+00

Raccoon: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIEN
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			2.89E-01
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			2.74E-01
Copper			6.76E-03
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			3.91E-01
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			7.12E-02
Manganese			6.79E-02
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			6.38E-03
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.11E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIEN'
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			8.48E-01
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			8.48E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			4.95E-05
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			9.20E-04
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			1.15E-03
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			8.94E-05
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.21E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			5.72E-04
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			5.72E-04

Raccoon: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			0.00E+00

Raccoon: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			1.41E-01
Anthracene			0.00E+00
Antimony			4.51E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			7.48E-02
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			4.23E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			8.79E-02
Carbazole			0.00E+00
TOTAL			4.58E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			1.71E-02
Cyanide			3.17E-02
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			2.72E-02
Manganese			9.24E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			3.46E-01
Silver			0.00E+00
TOTAL			4.32E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			1.96E-02
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			1.96E-02

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.20E+02							4.17E-01		1.00E+00	1.00E+00	4.17E-01
Water	3.50E-04					7.92E-06				1.00E+00	1.00E+00	7.92E-06
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	9.00E+00							3.13E-02		1.00E+00	1.00E+00	3.13E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 4
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.20E+02	4.17E-01	1.60E-01	2.60E+00	
Water	3.50E-04	7.92E-06	1.60E-01	4.95E-05	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					2.60E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.00E+00	3.13E-02	1.60E-01	1.95E-01	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.95E-01

Raccoon: Stream 4
Maximur ncentration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.40E+01							4.86E-02		1.00E+00	1.00E+00	4.86E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 4
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+01	4.86E-02	1.60E-01	3.04E-01	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					3.04E-01

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Maximur ncentration

Alpha-Chlordane	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.90E-01							1.70E-03		1.00E+00	1.00E+00	1.70E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.72E+03							1.64E+01		1.00E+00	1.00E+00	1.64E+01
Water	4.07E-01					9.20E-03				1.00E+00	1.00E+00	9.20E-03
Food-an.	8.75E+01			1.41E+00						1.00E+00	1.00E+00	1.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Raccoon: Stream 4
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.90E-01	1.70E-03	9.16E-01	1.86E-03	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					1.86E-03

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.72E+03	1.64E+01	1.00E+01	1.64E+00	
Water	4.07E-01	9.20E-03	1.00E+01	9.20E-04	
Food	8.75E+01	1.41E+00	1.00E+01	1.41E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					1.78E+00

Raccoon: Stream 4
Maximu[illegible]ncentration

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.80E+01			4.51E-01						1.00E+00	1.00E+00	4.51E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 4
Maximum Concentration

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Total					0.00E+00

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	2.80E+01	4.51E-01	1.00E-02	4.51E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					4.51E+01

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Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	9.10E+01							3.16E-01		1.00E+00	1.00E+00	3.16E-01
Water	5.15E-02					1.16E-03				1.00E+00	1.00E+00	1.16E-03
Food-an.	4.70E+00			7.57E-02						1.00E+00	1.00E+00	7.57E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 4
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.10E+01	3.16E-01	1.01E+00	3.12E-01	
Water	5.15E-02	1.16E-03	1.01E+00	1.15E-03	
Food	4.70E+00	7.57E-02	1.01E+00	7.48E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					3.88E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Maximum Concentration

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.92E-02					1.57E-03				1.00E+00	1.00E+00	1.57E-03
Food-an.	4.60E+02			7.41E+00						1.00E+00	1.00E+00	7.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 4
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Water	6.92E-02	1.57E-03	1.75E+01	8.94E-05	
Food	4.60E+02	7.41E+00	1.75E+01	4.23E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Total					4.24E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

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Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.50E-01			8.86E-03						1.00E+00	1.00E+00	8.86E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Raccoon: Stream 4
Maximum Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Food	5.50E-01	8.86E-03	1.01E-01	8.79E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Total					8.79E-02

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Maximum Concentration

Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.53E+01							5.31E-02		1.00E+00	1.00E+00	5.31E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.53E+01	5.31E-02	1.84E-01	2.89E-01	
Water	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Total					2.89E-01

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

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Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	7.90E+00							2.74E-02		1.00E+00	1.00E+00	2.74E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.90E+00	2.74E-02	1.00E-01	2.74E-01	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Total					2.74E-01

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.57E+01							8.93E-02		1.00E+00	1.00E+00	8.93E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.40E+01			2.26E-01						1.00E+00	1.00E+00	2.26E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.40E+00			8.70E-02						1.00E+00	1.00E+00	8.70E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.57E+01	8.93E-02	1.32E+01	6.76E-03	
Water	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Food	1.40E+01	2.26E-01	1.32E+01	1.71E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Total					2.38E-02

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Food	5.40E+00	8.70E-02	2.75E+00	3.17E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Total					3.17E-02

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Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	9.00E-01							3.13E-03		1.00E+00	1.00E+00	3.13E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.00E-01	3.13E-03	8.00E-03	3.91E-01	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					3.91E-01

Raccoon: Stream 4
Maximum Concentration

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	5.12E+04							1.78E+02		1.00E+00	1.00E+00	1.78E+02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.92E+02			3.08E+00						1.00E+00	1.00E+00	3.08E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.12E+04	1.78E+02	#DIV/0!	N/A	
Water	0.00E+00	0.00E+00	#DIV/0!	N/A	
Food	1.92E+02	3.08E+00	#DIV/0!	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	#DIV/0!	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	#DIV/0!	N/A	
Total					0.00E+00

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Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.28E+01							1.14E-01		1.00E+00	1.00E+00	1.14E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.70E+00			4.35E-02						1.00E+00	1.00E+00	4.35E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.44E+02							1.19E+00		1.00E+00	1.00E+00	1.19E+00
Water	4.45E-01					1.01E-02				1.00E+00	1.00E+00	1.01E-02
Food-an.	1.01E+01			1.63E-01						1.00E+00	1.00E+00	1.63E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.28E+01	1.14E-01	1.60E+00	7.12E-02	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	2.70E+00	4.35E-02	1.60E+00	2.72E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					9.84E-02

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.44E+02	1.19E+00	1.76E+01	6.79E-02	
Water	4.45E-01	1.01E-02	1.76E+01	5.72E-04	
Food	1.01E+01	1.63E-01	1.76E+01	9.24E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					7.77E-02

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Nickel	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.47E+01							5.11E-02		1.00E+00	1.00E+00	5.11E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	Intake From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

00014

Raccoon: Stream 4
Maximum Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.47E+01	5.11E-02	8.00E+00	6.38E-03	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					6.38E-03

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Maximu ncentration

Selenium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.45E-01			1.04E-02						1.00E+00	1.00E+00	1.04E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Silver	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000043

Raccoon: Stream 4
Maximum Concentration

Selenium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	6.45E-01	1.04E-02	3.00E-02	3.46E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					3.46E-01

Silver	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Maximu[illegible]ncentration

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.05E+01							7.12E-02		1.00E+00	1.00E+00	7.12E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000045

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.05E+01	7.12E-02	8.40E-02	8.48E-01	
Water	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Total					8.48E-01

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Water	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Food	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Total					0.00E+00

000146

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.90E+01			6.28E-01						1.00E+00	1.00E+00	6.28E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 4
Maximum Concentration

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Total					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Water	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Food	3.90E+01	6.28E-01	3.20E+01	1.96E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Total					1.96E-02

000048

AREA A DOWNSTREAM WATERCOURSES

STREAM 4

MAXIMUM EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	2.40E+02	3.50E-04	2.28E+01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	2.40E+01	0.00E+00	2.28E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.40E+03	0.00E+00	1.33E+02	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	5.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	6.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal[1] Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation mg/m³ Air	Dermal mg/kg Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.59E+02
4,4'-DDE			1.59E+01
4,4'-DDT			9.28E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.50E-04
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.87E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.10E+03

Shrew: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			8.75E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			1.38E-02
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			1.25E+02
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.25E+02

Shrew: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			3.25E-02
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			6.05E-01
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			7.57E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			2.94E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.69E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			3.76E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.76E-01

Shrew: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			5.21E+01
4,4'-DDE			5.21E+00
4,4'-DDT			3.04E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			4.93E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			2.25E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			3.61E+02

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			2.86E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			4.51E-03
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.11E+01
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.11E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 4
Maximum Concentration

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.40E+02							2.54E+01		1.00E+00	1.00E+00	2.54E+01
Water	3.50E-04					5.20E-03				1.00E+00	1.00E+00	5.20E-03
Food-an.	2.28E+01			8.33E+00						1.00E+00	1.00E+00	8.33E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.40E+01							2.54E+00		1.00E+00	1.00E+00	2.54E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.28E+00			8.33E-01						1.00E+00	1.00E+00	8.33E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

080015

Shrew: Stream 4
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+02	2.54E+01	1.60E-01	1.59E+02	
Water	3.50E-04	5.20E-03	1.60E-01	3.25E-02	
Food	2.28E+01	8.33E+00	1.60E-01	5.21E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					2.11E+02

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+01	2.54E+00	1.60E-01	1.59E+01	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	2.28E+00	8.33E-01	1.60E-01	5.21E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					2.11E+01

Shrew: Stream 4
Maximum Concentration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E+03							1.48E+02		1.00E+00	1.00E+00	1.48E+02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.33E+02			4.86E+01						1.00E+00	1.00E+00	4.86E+01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000017

Shrew: Stream 4
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+03	1.48E+02	1.60E-01	9.28E+02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.33E+02	4.86E+01	1.60E-01	3.04E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.23E+03

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

Shrew: Stream 4
Maximu[illegible]ncentration

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.30E-03							1.38E-04		1.00E+00	1.00E+00	1.38E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.23E-04			4.51E-05						1.00E+00	1.00E+00	4.51E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.07E-01					6.05E+00				1.00E+00	1.00E+00	6.05E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000019

Shrew: Stream 4
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.38E-04	9.16E-01	1.50E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	1.23E-04	4.51E-05	9.16E-01	4.93E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					2.00E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Water	4.07E-01	6.05E+00	1.00E+01	6.05E-01	
Food	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					6.05E-01

Shrew: Stream 4
Maxim[illegible]ncentration

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.50E-02							3.71E-03		1.00E+00	1.00E+00	3.71E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.32E-03			1.22E-03						1.00E+00	1.00E+00	1.22E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Shrew: Stream 4
Maximum Concentration

Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	3.71E-03	5.40E-02	6.87E-02	
Water	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Food	3.32E-03	1.22E-03	5.40E-02	2.25E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Total					9.12E-02

Shrew: Stream 4
Maximum concentration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.15E-02					7.66E-01				1.00E+00	1.00E+00	7.66E-01
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Shrew: Stream 4
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Water	5.15E-02	7.66E-01	1.01E+00	7.57E-01	
Food	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					7.57E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

Shrew: Stream 4
Maximu[illegible]ncentration

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.92E-02					1.03E+00				1.00E+00	1.00E+00	1.03E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Shrew: Stream 4
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Water	6.92E-02	1.03E+00	3.50E+00	2.94E-01	
Food	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					2.94E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

000026

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.60E-03							7.00E-04		1.00E+00	1.00E+00	7.00E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.27E-04			2.29E-04						1.00E+00	1.00E+00	2.29E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Shrew: Stream 4
Maximum Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	7.00E-04	8.00E-03	8.75E-02	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	6.27E-04	2.29E-04	8.00E-03	2.86E-02	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					1.16E-01

Shrew: Stream 4
Maximu[illegible]ncentration

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.90E-03							4.13E-04		1.00E+00	1.00E+00	4.13E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.70E-04			1.35E-04						1.00E+00	1.00E+00	1.35E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Shrew: Stream 4
Maximum Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	4.13E-04	3.00E-02	1.38E-02	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	3.70E-04	1.35E-04	3.00E-02	4.51E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.83E-02

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					0.00E+00

000030

Shrew: Stream 4
Maximu· ncentration

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E-03							1.48E-04		1.00E+00	1.00E+00	1.48E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.33E-04			4.86E-05						1.00E+00	1.00E+00	4.86E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000031

Shrew: Stream 4
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.48E-04	1.18E-06	1.25E+02	
Water	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Food	1.33E-04	4.86E-05	1.18E-06	4.11E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Total					1.66E+02

Shrew: Stream 4
Maximum Concentration

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.45E-01					6.62E+00				1.00E+00	1.00E+00	6.62E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000033

Shrew: Stream 4
Maximum Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Water	4.45E-01	6.62E+00	1.76E+01	3.76E-01	
Food	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					3.76E-01

Shrew: Stream 4
Maximu[illegible]ncentration

AREA A DOWNSTREAM WATERCOURSES

STREAM 4

MAXIMUM EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	ng/m³ Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	2.40E+02	3.50E-04	1.27E+01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	2.40E+01	0.00E+00	1.27E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.40E+03	0.00E+00	7.43E+01	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	5.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	6.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation ng/m³ Air	Dermal mg/kg Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	5.42E-07	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	4.17E-08	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	4.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Downstream: Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			2.93E+03
4,4'-DDE			2.93E+02
4,4'-DDT			1.71E+04
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			2.07E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.64E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.03E+04

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			1.17E-04
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			2.66E-06
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			3.23E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.23E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Owl: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			3.41E-01
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			1.99E-03
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			6.74E-03
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			4.31E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			3.54E-01

Owl: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			5.52E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			5.52E-03

Owl: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Owl: Stream 4
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: *THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL*
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			7.61E+03
4,4'-DDE			7.61E+02
4,4'-DDT			4.44E+04
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			6.62E-06
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.85E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			5.28E+04

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			4.70E-07
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			3.89E-09
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.71E-03
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.71E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.40E+02							3.28E-01		1.00E+00	1.00E+00	3.28E-01
Water	3.50E-04					3.82E-05				1.00E+00	1.00E+00	3.82E-05
Food-an.	1.27E+01			8.52E-01						1.00E+00	1.00E+00	8.52E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.40E+01							3.28E-02		1.00E+00	1.00E+00	3.28E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.27E+00			8.52E-02						1.00E+00	1.00E+00	8.52E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Owl: Stream 4
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+02	3.28E-01	1.12E-04	2.93E+03	
Water	3.50E-04	3.82E-05	1.12E-04	3.41E-01	
Food	1.27E+01	8.52E-01	1.12E-04	7.61E+03	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.05E+04

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+01	3.28E-02	1.12E-04	2.93E+02	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.27E+00	8.52E-02	1.12E-04	7.61E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.05E+03

Owl: Stream 4
Maximum Concentration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E+03							1.91E+00		1.00E+00	1.00E+00	1.91E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.43E+01			4.97E+00						1.00E+00	1.00E+00	4.97E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+03	1.91E+00	1.12E-04	1.71E+04	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	7.43E+01	4.97E+00	1.12E-04	4.44E+04	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					6.15E+04

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.30E-03							1.77E-06		1.00E+00	1.00E+00	1.77E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.47E-06			5.67E-07						1.00E+00	1.00E+00	5.67E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.07E-01					4.44E-02				1.00E+00	1.00E+00	4.44E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

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Owl: Stream 4
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.77E-06	8.56E-02	2.07E-05	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	8.47E-06	5.67E-07	8.56E-02	6.62E-06	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					2.74E-05

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Water	4.07E-01	4.44E-02	2.23E+01	1.99E-03	
Food	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Total					1.99E-03

Owl: Stream 4
Maximu[illegible]ncentration

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.50E-02							4.78E-05		1.00E+00	1.00E+00	4.78E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.38E-04			4.93E-05						1.00E+00	1.00E+00	4.93E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Owl: Stream 4
Maximum Concentration

Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	4.78E-05	7.20E-02	6.64E-04	
Water	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Food	7.38E-04	4.93E-05	7.20E-02	6.85E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Total					1.35E-03

000022

Owl: Stream 4
Maximum Concentration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.15E-02					5.62E-03				1.00E+00	1.00E+00	5.62E-03
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Owl: Stream 4
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Water	5.15E-02	5.62E-03	8.33E-01	6.74E-03	
Food	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Total					6.74E-03

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Total					0.00E+00

Owl: Stream 4
Maximum Concentration

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.92E-02					7.55E-03				1.00E+00	1.00E+00	7.55E-03
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Owl: Stream 4
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Water	6.92E-02	7.55E-03	1.75E+00	4.31E-03	
Food	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					4.31E-03

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Water	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Food	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Total					0.00E+00

000026

Owl: Stream 4
Maximu[illegible]ncentration

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.60E-03							9.01E-06		1.00E+00	1.00E+00	9.01E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.42E-07			3.62E-08						1.00E+00	1.00E+00	3.62E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	9.01E-06	7.70E-02	1.17E-04	
Water	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Food	5.42E-07	3.62E-08	7.70E-02	4.70E-07	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Total					1.17E-04

000028

Owl: Stream 4
Maximu[illegible]ncentration

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.90E-03							5.32E-06		1.00E+00	1.00E+00	5.32E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-07			7.77E-09						1.00E+00	1.00E+00	7.77E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	5.32E-06	2.00E+00	2.66E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	1.16E-07	7.77E-09	2.00E+00	3.89E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					2.67E-06

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

Owl: Stream 4
Maximu ncentration

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E-03							1.91E-06		1.00E+00	1.00E+00	1.91E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.17E-08			2.79E-09						1.00E+00	1.00E+00	2.79E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Owl: Stream 4
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.91E-06	5.92E-07	3.23E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	4.17E-08	2.79E-09	5.92E-07	4.71E-03	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Total					3.23E+00

Owl: Stream 4
Maximu ncentration

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.45E-01					4.85E-02				1.00E+00	1.00E+00	4.85E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000033

Owl: Stream 4
Maximum Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Water	4.45E-01	4.85E-02	8.80E+00	5.52E-03	
Food	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Total					5.52E-03

Owl: Stream 4
Maximum Concentration

AREA A DOWNSTREAM WATER COURSES/OBDA: STREAM 4

AVERAGE EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A DOWNSTREAM WATERCOURSES

STREAM 4

AVERAGE EXPOSURE PT. CONCENTRATIONS

RACCOON

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	5.35E+01	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	3.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	5.26E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	4.54E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	4.00E+03	4.07E-01	8.75E+01	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	2.80E+01	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	5.95E+01	5.15E-02	4.70E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	6.92E-02	4.60E+02	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	5.50E-01	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	1.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	6.85E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	2.19E+00	0.00E+00	1.40E+01	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	5.40E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	4.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	4.28E+04	0.00E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	2.80E+01	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	2.77E+02	1.71E-02	1.01E+01	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	1.42E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	6.45E-01	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	1.61E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	3.90E+01	0.00E+00	0.00E+00	0.00E+00
2,4-Dimethylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methylphenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Delta BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan I	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma BHC	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pentachlorophenol	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.16E+00
4,4'-DDE			7.14E-02
4,4'-DDT			1.14E-01
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.72E-03
Aluminum			1.39E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			2.04E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.94E+00

Raccoon: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			2.34E-01
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			2.38E-01
Copper			5.76E-04
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			2.05E-01
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			6.08E-02
Manganese			5.47E-02
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			6.16E-03
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			7.99E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			6.66E-01
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			6.66E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			2.12E-05
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			9.20E-04
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			1.15E-03
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			8.94E-05
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.18E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			2.20E-05
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			2.20E-05

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			0.00E+00

Raccoon: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			1.41E-01
Anthracene			0.00E+00
Antimony			4.51E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			7.48E-02
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			4.23E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			8.79E-02
Carbazole			0.00E+00
TOTAL			4.58E+01

Raccoon: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			1.71E-02
Cyanide			3.17E-02
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			2.72E-02
Manganese			9.24E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			3.46E-01
Silver			0.00E+00
TOTAL			4.32E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: RACCOON

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			1.96E-02
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			0.00E+00
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			0.00E+00
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
TOTAL			1.96E-02

Raccoon: Stream 4
Average Concentration

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	5.35E+01							1.86E-01		1.00E+00	1.00E+00	1.86E-01
Water	1.50E-04					3.39E-06				1.00E+00	1.00E+00	3.39E-06
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	3.29E+00							1.14E-02		1.00E+00	1.00E+00	1.14E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Raccoon: Stream 4
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.35E+01	1.86E-01	1.60E-01	1.16E+00	
Water	1.50E-04	3.39E-06	1.60E-01	2.12E-05	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.16E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.29E+00	1.14E-02	1.60E-01	7.14E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					7.14E-02

Raccoon: Stream 4
Average centration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	5.26E+00							1.83E-02		1.00E+00	1.00E+00	1.83E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.26E+00	1.83E-02	1.60E-01	1.14E-01	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.14E-01

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Average centration

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.54E-01							1.58E-03		1.00E+00	1.00E+00	1.58E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.00E+03							1.39E+01		1.00E+00	1.00E+00	1.39E+01
Water	4.07E-01					9.20E-03				1.00E+00	1.00E+00	9.20E-03
Food-an.	8.75E+01			1.41E+00						1.00E+00	1.00E+00	1.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Raccoon: Stream 4
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.54E-01	1.58E-03	9.16E-01	1.72E-03	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					1.72E-03

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E+03	1.39E+01	1.00E+01	1.39E+00	
Water	4.07E-01	9.20E-03	1.00E+01	9.20E-04	
Food	8.75E+01	1.41E+00	1.00E+01	1.41E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					1.53E+00

Raccoon: Stream 4
Average centration

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.80E+01			4.51E-01						1.00E+00	1.00E+00	4.51E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 4
Average Concentration

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Total					0.00E+00

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	2.80E+01	4.51E-01	1.00E-02	4.51E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					4.51E+01

Raccoon: Stream 4
Averag centration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	5.95E+01							2.07E-01		1.00E+00	1.00E+00	2.07E-01
Water	5.15E-02					1.16E-03				1.00E+00	1.00E+00	1.16E-03
Food-an.	4.70E+00			7.57E-02						1.00E+00	1.00E+00	7.57E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.95E+01	2.07E-01	1.01E+00	2.04E-01	
Water	5.15E-02	1.16E-03	1.01E+00	1.15E-03	
Food	4.70E+00	7.57E-02	1.01E+00	7.48E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					2.80E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Average ncentration

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.92E-02					1.57E-03				1.00E+00	1.00E+00	1.57E-03
Food-an.	4.60E+02			7.41E+00						1.00E+00	1.00E+00	7.41E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 4
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Water	6.92E-02	1.57E-03	1.75E+01	8.94E-05	
Food	4.60E+02	7.41E+00	1.75E+01	4.23E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
Total					4.24E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Average [illegible]centration

Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.50E-01			8.86E-03						1.00E+00	1.00E+00	8.86E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Food	5.50E-01	8.86E-03	1.01E-01	8.79E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Total					8.79E-02

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

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Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.24E+01							4.31E-02		1.00E+00	1.00E+00	4.31E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.24E+01	4.31E-02	1.84E-01	2.34E-01	
Water	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Total					2.34E-01

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	6.85E+00							2.38E-02		1.00E+00	1.00E+00	2.38E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.85E+00	2.38E-02	1.00E-01	2.38E-01	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Total					2.38E-01

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.19E+00							7.61E-03		1.00E+00	1.00E+00	7.61E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.40E+01			2.26E-01						1.00E+00	1.00E+00	2.26E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.40E+00			8.70E-02						1.00E+00	1.00E+00	8.70E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.19E+00	7.61E-03	1.32E+01	5.76E-04	
Water	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Food	1.40E+01	2.26E-01	1.32E+01	1.71E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Total					1.77E-02

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Food	5.40E+00	8.70E-02	2.75E+00	3.17E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Total					3.17E-02

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.72E-01							1.64E-03		1.00E+00	1.00E+00	1.64E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.72E-01	1.64E-03	8.00E-03	2.05E-01	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					2.05E-01

Raccoon: Stream 4
Average Concentration

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	4.28E+04							1.49E+02		1.00E+00	1.00E+00	1.49E+02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.92E+02			3.08E+00						1.00E+00	1.00E+00	3.08E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.28E+04	1.49E+02	#DIV/0!	N/A	
Water	0.00E+00	0.00E+00	#DIV/0!	N/A	
Food	1.92E+02	3.08E+00	#DIV/0!	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	#DIV/0!	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	#DIV/0!	N/A	
Total					0.00E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.80E+01							9.72E-02		1.00E+00	1.00E+00	9.72E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.70E+00			4.35E-02						1.00E+00	1.00E+00	4.35E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptak from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	2.77E+02							9.62E-01		1.00E+00	1.00E+00	9.62E-01
Water	1.71E-02					3.87E-04				1.00E+00	1.00E+00	3.87E-04
Food-an.	1.01E+01			1.63E-01						1.00E+00	1.00E+00	1.63E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000103

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.80E+01	9.72E-02	1.60E+00	6.08E-02	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	2.70E+00	4.35E-02	1.60E+00	2.72E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					8.80E-02

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.77E+02	9.62E-01	1.76E+01	5.47E-02	
Water	1.71E-02	3.87E-04	1.76E+01	2.20E-05	
Food	1.01E+01	1.63E-01	1.76E+01	9.24E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					6.39E-02

000040

Nickel	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.42E+01							4.93E-02		1.00E+00	1.00E+00	4.93E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 4
Average Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.42E+01	4.93E-02	8.00E+00	6.16E-03	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					6.16E-03

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Averag ncentration

Selenium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.45E-01			1.04E-02						1.00E+00	1.00E+00	1.04E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Silver	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Raccoon: Stream 4
Average Concentration

Selenium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	6.45E-01	1.04E-02	3.00E-02	3.46E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					3.46E-01

Silver	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Total					0.00E+00

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	1.61E+01							5.59E-02		1.00E+00	1.00E+00	5.59E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.61E+01	5.59E-02	8.40E-02	6.66E-01	
Water	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Total					6.66E-01

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Water	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Food	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Total					0.00E+00

Raccoon: Stream 4
Average [illegible]ncentration

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		3.67E+00	1.36E+05									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.90E+01			6.28E-01						1.00E+00	1.00E+00	6.28E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Raccoon: Stream 4
Average Concentration

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Total					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Water	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Food	3.90E+01	6.28E-01	3.20E+01	1.96E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Total					1.96E-02

Raccoon: Stream 4
Average centration

AREA A DOWNSTREAM WATERCOURSES

STREAM 4

AVERAGE EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation ng/m³ Air	Dermal mg/kg Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	3.48E+01	1.50E-04	3.31E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	4.19E+00	0.00E+00	3.98E-01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.05E+02	0.00E+00	1.95E+01	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	5.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylhexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	6.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation ng/m³ Air	Dermal mg/kg Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	ng/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			2.31E+01
4,4'-DDE			2.78E+00
4,4'-DDT			1.36E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			1.50E-04
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.87E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.62E+02

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			8.75E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			1.38E-02
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			1.25E+02
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.25E+02

Shrew: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.39E-02
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			6.05E-01
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			7.57E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			2.94E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.67E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			1.44E-02
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.44E-02

Shrew: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			7.56E+00
4,4'-DDE			9.10E-01
4,4'-DDT			4.45E+01
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			4.93E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			2.25E-02
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			5.30E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			2.86E-02
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			4.51E-03
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.11E+01
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.11E+01

Shrew: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.48E+01							3.69E+00		1.00E+00	1.00E+00	3.69E+00
Water	1.50E-04					2.23E-03				1.00E+00	1.00E+00	2.23E-03
Food-an.	3.31E+00			1.21E+00						1.00E+00	1.00E+00	1.21E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.19E+00							4.44E-01		1.00E+00	1.00E+00	4.44E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.98E-01			1.46E-01						1.00E+00	1.00E+00	1.46E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000015

Shrew: Stream 4
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.48E+01	3.69E+00	1.60E-01	2.31E+01	
Water	1.50E-04	2.23E-03	1.60E-01	1.39E-02	
Food	3.31E+00	1.21E+00	1.60E-01	7.56E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					3.06E+01

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.19E+00	4.44E-01	1.60E-01	2.78E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	3.98E-01	1.46E-01	1.60E-01	9.10E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					3.69E+00

Shrew: Stream 4
Averag centration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.05E+02							2.17E+01		1.00E+00	1.00E+00	2.17E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.95E+01			7.12E+00						1.00E+00	1.00E+00	7.12E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000017

Shrew: Stream 4
Average Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.05E+02	2.17E+01	1.60E-01	1.36E+02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.95E+01	7.12E+00	1.60E-01	4.45E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.80E+02

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.30E-03							1.38E-04		1.00E+00	1.00E+00	1.38E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.23E-04			4.51E-05						1.00E+00	1.00E+00	4.51E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.07E-01					6.05E+00				1.00E+00	1.00E+00	6.05E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000019

Shrew: Stream 4
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.38E-04	9.16E-01	1.50E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	1.23E-04	4.51E-05	9.16E-01	4.93E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					2.00E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Water	4.07E-01	6.05E+00	1.00E+01	6.05E-01	
Food	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					6.05E-01

Shrew: Stream 4
Average Concentration

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.50E-02							3.71E-03		1.00E+00	1.00E+00	3.71E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.32E-03			1.22E-03						1.00E+00	1.00E+00	1.22E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Shrew: Stream 4
Average Concentration

Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	3.71E-03	5.40E-02	6.87E-02	
Water	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Food	3.32E-03	1.22E-03	5.40E-02	2.25E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Total					9.12E-02

000022

Shrew: Stream 4
Average centration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.15E-02					7.66E-01				1.00E+00	1.00E+00	7.66E-01
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Shrew: Stream 4
Average Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Water	5.15E-02	7.66E-01	1.01E+00	7.57E-01	
Food	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					7.57E-01

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					0.00E+00

Shrew: Stream 4
Averag[illegible]entration

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.92E-02					1.03E+00				1.00E+00	1.00E+00	1.03E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Shrew: Stream 4
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Water	6.92E-02	1.03E+00	3.50E+00	2.94E-01	
Food	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					2.94E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					0.00E+00

Shrew: Stream 4
Average Concentration

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.60E-03							7.00E-04		1.00E+00	1.00E+00	7.00E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.27E-04			2.29E-04						1.00E+00	1.00E+00	2.29E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Shrew: Stream 4
Average Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	7.00E-04	8.00E-03	8.75E-02	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	6.27E-04	2.29E-04	8.00E-03	2.86E-02	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					1.16E-01

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.90E-03							4.13E-04		1.00E+00	1.00E+00	4.13E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.70E-04			1.35E-04						1.00E+00	1.00E+00	1.35E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Shrew: Stream 4
Average Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	4.13E-04	3.00E-02	1.38E-02	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	3.70E-04	1.35E-04	3.00E-02	4.51E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.83E-02

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					0.00E+00

Shrew: Stream 4
Average centration

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E-03							1.48E-04		1.00E+00	1.00E+00	1.48E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.33E-04			4.86E-05						1.00E+00	1.00E+00	4.86E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Shrew: Stream 4
Average Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.48E-04	1.18E-06	1.25E+02	
Water	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Food	1.33E-04	4.86E-05	1.18E-06	4.11E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Total					1.66E+02

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.71E-02					2.54E-01				1.00E+00	1.00E+00	2.54E-01
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Shrew: Stream 4
Average Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Water	1.71E-02	2.54E-01	1.76E+01	1.44E-02	
Food	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					1.44E-02

Shrew: Stream 4
Averagr centration

AREA A DOWNSTREAM WATERCOURSES

STREAM 4

AVERAGE EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
1,1,2,2-Tetrachloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	3.48E+01	1.50E-04	1.85E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	4.19E+00	0.00E+00	2.23E-01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.05E+02	0.00E+00	1.09E+01	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-03	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	3.50E-02	0.00E+00	7.38E-04	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Barium	0.00E+00	5.15E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylhexyl)phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Boron	0.00E+00	6.92E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	ng/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroform	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloromethane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	6.60E-03	0.00E+00	5.42E-07	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	3.90E-03	0.00E+00	1.16E-07	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	1.40E-03	0.00E+00	4.17E-08	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	1.71E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media

Stream 4

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	mg/m³ Inhalation Air	mg/kg Dermal Soil
Styrene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vanadium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			4.24E+02
4,4'-DDE			5.11E+01
4,4'-DDT			2.50E+03
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			2.07E-05
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.64E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			2.98E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			1.17E-04
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			2.66E-06
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			3.23E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.23E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.46E-01
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			1.99E-03
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			6.74E-03
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			4.31E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			1.59E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			2.12E-04
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			2.12E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Owl: Stream 4
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			1.10E+03
4,4'-DDE			1.33E+02
4,4'-DDT			6.51E+03
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			6.62E-06
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			6.85E-04
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			7.74E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			4.70E-07
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			3.89E-09
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			4.71E-03
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.71E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
STREAM 4
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.48E+01							4.75E-02		1.00E+00	1.00E+00	4.75E-02
Water	1.50E-04					1.64E-05				1.00E+00	1.00E+00	1.64E-05
Food-an.	1.85E+00			1.24E-01						1.00E+00	1.00E+00	1.24E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.19E+00							5.72E-03		1.00E+00	1.00E+00	5.72E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.23E-01			1.49E-02						1.00E+00	1.00E+00	1.49E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Owl: Stream 4
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.48E+01	4.75E-02	1.12E-04	4.24E+02	
Water	1.50E-04	1.64E-05	1.12E-04	1.46E-01	
Food	1.85E+00	1.24E-01	1.12E-04	1.10E+03	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.53E+03

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.19E+00	5.72E-03	1.12E-04	5.11E+01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	2.23E-01	1.49E-02	1.12E-04	1.33E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.84E+02

Owl: Stream 4
Average centration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.05E+02							2.80E-01		1.00E+00	1.00E+00	2.80E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.09E+01			7.29E-01						1.00E+00	1.00E+00	7.29E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.05E+02	2.80E-01	1.12E-04	2.50E+03	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.09E+01	7.29E-01	1.12E-04	6.51E+03	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					9.01E+03

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.30E-03							1.77E-06		1.00E+00	1.00E+00	1.77E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.47E-06			5.67E-07						1.00E+00	1.00E+00	5.67E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	4.07E-01					4.44E-02				1.00E+00	1.00E+00	4.44E-02
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000019

Owl: Stream 4
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-03	1.77E-06	8.56E-02	2.07E-05	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	8.47E-06	5.67E-07	8.56E-02	6.62E-06	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					2.74E-05

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Water	4.07E-01	4.44E-02	2.23E+01	1.99E-03	
Food	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Total					1.99E-03

000020

Aroclor-1248	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1254	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.50E-02							4.78E-05		1.00E+00	1.00E+00	4.78E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.38E-04			4.93E-05						1.00E+00	1.00E+00	4.93E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Aroclor-1248	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-03	0.00E+00	
Total					0.00E+00

Aroclor-1254	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.50E-02	4.78E-05	7.20E-02	6.64E-04	
Water	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Food	7.38E-04	4.93E-05	7.20E-02	6.85E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Total					1.35E-03

000022

Owl: Stream 4
Average [illegible]entration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.15E-02					5.62E-03				1.00E+00	1.00E+00	5.62E-03
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Water	5.15E-02	5.62E-03	8.33E-01	6.74E-03	
Food	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Total					6.74E-03

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Water	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Food	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Total					0.00E+00

420024

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.92E-02					7.55E-03				1.00E+00	1.00E+00	7.55E-03
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000025

Owl: Stream 4
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Water	6.92E-02	7.55E-03	1.75E+00	4.31E-03	
Food	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					4.31E-03

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Water	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Food	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Total					0.00E+00

Owl: Stream 4
Averag[illegible]centration

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.60E-03							9.01E-06		1.00E+00	1.00E+00	9.01E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.42E-07			3.62E-08						1.00E+00	1.00E+00	3.62E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					0.00E+00

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E-03	9.01E-06	7.70E-02	1.17E-04	
Water	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Food	5.42E-07	3.62E-08	7.70E-02	4.70E-07	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Total					1.17E-04

Owl: Stream 4
Average centration

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.90E-03							5.32E-06		1.00E+00	1.00E+00	5.32E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-07			7.77E-09						1.00E+00	1.00E+00	7.77E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000029

Owl: Stream 4
Average Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.90E-03	5.32E-06	2.00E+00	2.66E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	1.16E-07	7.77E-09	2.00E+00	3.89E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					2.67E-06

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

000030

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E-03							1.91E-06		1.00E+00	1.00E+00	1.91E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.17E-08			2.79E-09						1.00E+00	1.00E+00	2.79E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000031

Owl: Stream 4
Average Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Total					0.00E+00

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-03	1.91E-06	5.92E-07	3.23E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	4.17E-08	2.79E-09	5.92E-07	4.71E-03	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Total					3.23E+00

000032

Owl: Stream 4
Average Concentration

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.71E-02					1.87E-03				1.00E+00	1.00E+00	1.87E-03
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000033

Owl: Stream 4
Average Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Water	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Food	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Total					0.00E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Water	1.71E-02	1.87E-03	8.80E+00	2.12E-04	
Food	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Total					2.12E-04

APPENDIX I.6

SITE 4 - RUBBLE FILL AREA AT BUNKER A86

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR THE SHREW
BASED ON ACUTE DOSES AND MAXIMUM AND AVERAGE EXPOSURE CONCENTRATIONS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Chemical	Maximum Chronic HI	Derived NOAEL (mg/kg/d)	Acute Dose (mg/kg/d)	Acute Threshold (mg/kg/d)	Maximum Acute HI
Heptachlor epoxide	5.8E+02	1.18E-06	6.9E-04	3.00E-04	2.3E+00
Arsenic	5.3E+02	5.0E-02	2.7E+01	1.3E+01	2.1E+00
Antimony	1.1E+02	1.0E-02	1.1E+00	5.5E+00	2.0E-01
Vanadium	1.1E+02	8.4E-02	9.6E+00	2.9E+00	3.3E+00

Chemical	Highest Average Chronic HI	Derived NOAEL (mg/kg/d)	Acute Dose (mg/kg/d)	Acute Threshold (mg/kg/d)	Highest Average Acute HI
Heptachlor epoxide	7.9E+00	1.2E-06	6.9E-04	3.00E-04	2.3E+00
Arsenic	5.8E+00	5.0E-02	7.6E+00	1.3E+01	6.0E-01
Vanadium	2.8E+00	8.4E-02	6.7E+00	2.4E+00	2.8E+00
Antimony	1.5E+00	1.0E-02	9.6E-01	5.5E+00	1.7E-01

for Heptachlor epoxide, used original chronic, less serious endpoint on large test animal (dog), without uncertainty factors

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR THE BARRED OWL BASED ON ACUTE DOSES AND MAXIMUM AND AVERAGE EXPOSURE CONCENTRATIONS SITE 4 - RUBBLE FILL AREA AT BUNKER 86 NSB-NLON, GROTON, CONNECTICUT

Chemical	Maximum Chronic HI	Derived NOAEL (mg/kg/d)	Acute Dose (mg/kg/d)	Acute Threshold (mg/kg/d)	Maximum Acute HI
4,4'-DDT	1.9E+01	1.12E-04	2.1E-03	2.12E+01	9.9E-05
Heptachlor epoxide	5.8E+00	5.92E-07	3.4E-06	3.00E-05	1.1E-01
4,4'-DDE	4.7E+00	1.12E-04	5.2E-04	3.4E+00	1.5E-04
Antimony	1.7E+00	5.0E-03	8.2E-03	1.3E+01	6.6E-04

Chemical	Highest Average Chronic HI	Derived NOAEL (mg/kg/d)	Acute Dose (mg/kg/d)	Acute Threshold (mg/kg/d)	Highest Average Acute HI
4,4'-DDT	7.9E+00	1.1E-04	1.4E-04	2.12E+01	6.6E-06
Heptachlor epoxide	5.8E+00	5.9E-04	3.4E-06	3.00E-05	1.2E-01
4,4'-DDE	2.8E+00	1.1E-04	3.2E-04	3.4E+00	9.4E-05
Zinc	1.5E+00	1.2E+00	5.3E-01	3.0E+03	1.8E-04

for Heptachlor epoxide, used original chronic, less serious endpoint on large test animal (dog), with 0.1X factor for inter-class application

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION
BASED ON MAXIMUM CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)		Background Screening Value (mg/kg)	Exceeds Background Screening Value	Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals							
Aluminum	1.68E+4	a	1.76E+4		5.00E+1	X	3.4E+2
Antimony	5.90E+0		2.05E+0	X	5.00E+0	X	1.2E+0
Arsenic	1.50E+2	c	3.60E+0	X	1.00E+1	X	1.5E+1
Barium	5.13E+1	b	3.90E+1	X	5.00E+2		
Beryllium	6.70E-1	a	7.20E-1		1.00E+1		
Boron	1.74E+1		3.10E+0	X	5.00E-1	X	3.5E+1
Calcium	3.28E+3	b	3.14E+2	X	3.00E+0		
Chromium	1.69E+1	a	1.93E+1		1.00E+0	X	1.7E+1
Cobalt	5.00E+0	b	7.00E+0		2.00E+1		
Copper	2.43E+1	b	1.79E+1	X	1.00E+2		
Iron	2.09E+4	b	1.68E+4	X			
Lead	6.53E+1	a	1.75E+1	X	5.00E+1	X	1.3E+0
Magnesium	2.70E+3	b	2.46E+3	X			
Manganese	2.38E+2	b	1.72E+2	X	5.00E+2		
Mercury	1.70E-1		5.50E-2	X	3.00E-1		
Nickel	1.32E+1	b	5.00E+0	X	3.00E+1		
Potassium	1.50E+3	b	6.69E+2	X			
Selenium	9.30E-1		4.45E-1	X	1.00E+0		
Sodium	9.50E+1	a	1.66E+1	X			
Vanadium	5.35E+1	b	3.33E+1	X	2.00E+0	X	2.7E+1
Zinc	4.12E+2	d	2.56E+1	X	5.00E+1	X	8.2E+0

Notes:
a = Maximum Exposure Point Concentration replaced with 95% UCL (Normal Distribution) Concentration.
b = Maximum Exposure Point Concentration replaced with 95% UCL (Lognormal Distribution) Concentration.

000003

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION
BASED ON MAXIMUM CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)		Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals					
1,1,2,2-Tetrachloroethane	3.00E-3				
1,1,2-Trichloroethane	6.00E-3				
1,1-Dichloroethene	2.00E-3				
1,2-Dichloroethene (total)	3.00E-3				
2-Butanone	7.00E-2				
2-Methylnaphthalene	4.50E-2				
3,3'-Dichlorobenzidine	1.00E-1				
4,4'-DDE	6.35E-2	b			
4,4'-DDT	2.54E-1	b			
4-Methyl-2-pentanone	1.20E-2				
Acenaphthene	4.10E-1				
Acenaphthylene	1.60E+0				
Acetone	6.10E-1				
Alpha-Chlordane	1.30E-2				
Anthracene	3.40E+0				
Benzene	2.00E-3				
Benzo(a)anthracene	1.40E+1				
Benzo(a)pyrene	1.40E+1				
Benzo(b)fluoranthene	1.30E+1				
Benzo(g,h,i)perylene	6.50E+0				
Benzo(k)fluoranthene	1.80E+1				
Benzoic acid	2.90E-1				
Bis(2-Ethylhexyl)phthalate	1.20E-1				

Notes:
a = Maximum Exposure Point Concentration replaced with 95% UCL (Normal Distribution) Concentration.
b = Maximum Exposure Point Concentration replaced with 95% UCL (Lognormal Distribution) Concentration.

000004

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION BASED ON MAXIMUM CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)		Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Bromodichloromethane	3.00E-3				
Bromomethane	3.00E-3				
Carbazole	1.50E+0				
Chlorobenzene	3.00E-3				
Chloroform	2.00E-3				
Chloromethane	2.20E-2				
Chrysene	2.90E+1				
Cis-1,3-dichloropropene	3.00E-3				
Di-N-octyl phthalate	2.60E-2				
Dibenzo(a,h)anthracene	3.80E+0				
Dibenzofuran	7.00E-2				
Dieldrin	8.50E-3				
Endosulfan sulfate	1.90E-2				
Endrin aldehyde	5.80E-3				
Endrin ketone	2.76E-2	a			
Ethylbenzene	2.00E-3				
Fluoranthene	3.80E+1				
Fluorene	1.50E+0				
Gamma-Chlordane	8.00E-3				
Heptachlor	2.40E-3				
Heptachlor epoxide	2.50E-3				
Indeno(1,2,3-Cd)pyrene	6.60E+0				
Methylene chloride	1.10E-1				
Naphthalene	5.00E-2				
Phenanthrene	2.10E+1				

Notes:
a = Maximum Exposure Point Concentration replaced with 95% UCL (Normal Distribution) Concentration.
b = Maximum Exposure Point Concentration replaced with 95% UCL (Lognormal Distribution) Concentration.

000005

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION BASED ON MAXIMUM CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Maximum Exposure Point Concentration (mg/kg)		Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Pyrene	4.30E+1				
Styrene	2.00E-3				
Tetrachloroethene	5.00E-3				
Toluene	3.00E-3		2.00E+2		
Trans-1,3-dichloropropene	4.00E-3				
Trichloroethene	2.00E-3				
Vinyl acetate	8.00E-3				
Xylenes, total	5.00E-3		1.00E+2		

Notes:
a = Maximum Exposure Point Concentration replaced with 95% UCL (Normal Distribution) Concentration.
b = Maximum Exposure Point Concentration replaced with 95% UCL (Lognormal Distribution) Concentration.

000006

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION
BASED ON AVERAGE CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Background Screening Value (mg/kg)	Exceeds Background Screening Value	Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Inorganic Chemicals						
Aluminum	1.36E+4	1.76E+4		5.00E+1	X	2.7E+2
Antimony	5.36E+0	2.05E+0	X	5.00E+0	X	1.1E+0
Arsenic	4.25E+1	3.60E+0	X	1.00E+1	X	4.3E+0
Barium	4.23E+1	3.90E+1	X	5.00E+2		
Beryllium	5.20E-1	7.20E-1		1.00E+1		
Boron	8.31E+0	3.10E+0	X	5.00E-1	X	1.7E+1
Calcium	2.07E+3	3.14E+2	X	3.00E+0		
Chromium	1.53E+1	1.93E+1		1.00E+0	X	1.5E+1
Cobalt	3.77E+0	7.00E+0		2.00E+1		
Copper	1.81E+1	1.79E+1	X	1.00E+2		
Iron	1.49E+4	1.68E+4				
Lead	5.02E+1	1.75E+1	X	5.00E+1	X	1.0E+0
Magnesium	2.37E+3	2.46E+3				
Manganese	1.89E+2	1.72E+2	X	5.00E+2		
Mercury	7.20E-2	5.50E-2	X	3.00E-1		
Nickel	1.13E+1	5.00E+0	X	3.00E+1		
Potassium	1.13E+3	6.69E+2	X			
Selenium	3.89E-1	4.45E-1		1.00E+0		
Sodium	7.43E+1	1.66E+1	X			
Vanadium	3.71E+1	3.33E+1	X	2.00E+0	X	1.9E+1
Zinc	1.10E+2	2.56E+1	X	5.00E+1	X	2.2E+0

000007

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION
BASED ON AVERAGE CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
1,1,2,2-Tetrachloroethane	3.00E-3			
1,1,2-Trichloroethane	5.81E-3			
1,1-Dichloroethene	2.00E-3			
1,2-Dichloroethene (total)	3.00E-3			
2-Butanone	1.15E-2			
2-Methylnaphthalene	4.50E-2			
3,3'-Dichlorobenzidine	1.00E-1			
4,4'-DDE	3.79E-2			
4,4'-DDT	1.07E-1			
4-Methyl-2-pentanone	6.96E-3			
Acenaphthene	4.10E-1			
Acenaphthylene	5.16E-1			
Acetone	5.72E-2			
Alpha-Chlordane	5.35E-3			
Anthracene	8.80E-1			
Benzene	2.00E-3			
Benzo(a)anthracene	4.25E+0			
Benzo(a)pyrene	4.53E+0			
Benzo(b)fluoranthene	4.68E+0			
Benzo(g,h,i)perylene	2.27E+0			
Benzo(k)fluoranthene	5.13E+0			
Benzoic acid	2.90E-1			
Bis(2-Ethylhexyl)phthalate	1.20E-1			

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION BASED ON AVERAGE CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Bromodichloromethane	3.00E-3			
Bromomethane	3.00E-3			
Carbazole	5.91E-1			
Chlorobenzene	3.00E-3			
Chloroform	2.00E-3			
Chloromethane	8.23E-3			
Chrysene	7.03E+0			
Cis-1,3-dichloropropene	3.00E-3			
Di-N-octyl phthalate	2.60E-2			
Dibenzo(a,h)anthracene	1.29E+0			
Dibenzofuran	7.00E-2			
Dieldrin	8.30E-3			
Endosulfan sulfate	1.26E-2			
Endrin aldehyde	5.80E-3			
Endrin ketone	1.97E-2			
Ethylbenzene	2.00E-3			
Fluoranthene	1.11E+1			
Fluorene	4.05E-1			
Gamma-Chlordane	4.88E-3			
Heptachlor	2.40E-3			
Heptachlor epoxide	2.50E-3			
Indeno(1,2,3-Cd)pyrene	2.24E+0			
Methylene chloride	1.31E-2			
Naphthalene	5.00E-2			
Phenanthrene	5.63E+0			

000009

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR TERRESTRIAL VEGETATION BASED ON AVERAGE CONCENTRATIONS IN SOILS
SITE 4 - RUBBLE FILL AREA AT BUNKER A86
NSB-NLON, GROTON, CONNECTICUT

Compound	Average Exposure Point Concentration (mg/kg)	Phytotoxicity Benchmark Values (mg/kg)	Exceeds Phytotoxicity Benchmark Value	Exposure Point Hazard Quotient
Pyrene	1.26E+1			
Styrene	2.00E-3			
Tetrachloroethene	3.81E-3			
Toluene	3.00E-3	2.00E+2		
Trans-1,3-dichloropropene	4.00E-3			
Trichloroethene	2.00E-3			
Vinyl acetate	6.65E-3			
Xylenes, total	5.00E-3	1.00E+2		

000010

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Rubble Fill at Bunker A86
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
1,1,2,2-Tetrachloroethane	2.39E+00	2.23E+02	1.31E-02	3.00E-03	1.03E-03	7.83E+00	1.31E-04	2.31E+00	1.39E-03	6.15E-06	9.59E-09
1,1,2-Trichloroethane	2.17E+00	1.36E+02	1.31E-02	6.00E-03	3.37E-03	7.27E+00	4.63E-04	2.31E+00	2.78E-03	3.72E-06	1.16E-08
1,1-Dichloroethene	1.48E+00	2.85E+01	1.31E-02	2.00E-03	5.35E-03	8.62E+00	6.21E-04	2.31E+00	9.25E-04	7.59E-07	7.88E-10
1,2-Dichloroethene (total)	1.48E+00	2.85E+01	1.31E-02	3.00E-03	8.03E-03	8.62E+00	9.32E-04	2.31E+00	1.39E-03	7.59E-07	1.18E-09
1,4-Dichlorobenzene	3.39E+00	2.15E+03	1.31E-02	0.00E+00	0.00E+00	3.37E+00	0.00E+00	2.31E+00	0.00E+00	6.17E-05	0.00E+00
2-Butanone	2.60E-01	1.80E+00	1.31E-02	7.00E-02	2.96E+00	1.00E+01	2.96E-01	2.31E+00	3.24E-02	4.57E-08	1.66E-09
2-Methylnaphthalene	3.86E+00	6.23E+03	1.31E-02	4.50E-02	5.51E-04	2.34E+00	2.36E-04	2.31E+00	2.08E-02	1.82E-04	4.25E-06
3,3'-Dichlorobenzidine	3.51E+00	2.82E+03	1.31E-02	1.00E-01	2.71E-03	5.34E+00	5.08E-04	2.31E+00	4.63E-02	8.11E-05	4.21E-06
4,4'-DDD	5.99E+00	7.73E+05	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	2.00E-01	0.00E+00
4,4'-DDE	5.69E+00	3.92E+05	1.31E-02	6.30E-02	1.23E-05	1.00E+01	1.23E-06	2.31E+00	2.91E-02	2.00E-01	6.54E-03
4,4'-DDT	6.19E+00	1.22E+06	1.31E-02	2.54E-01	1.59E-05	1.00E+01	1.59E-06	2.31E+00	1.18E-01	2.00E-01	2.64E-02
4-Methyl-2-pentanone	1.09E+00	1.18E+01	1.31E-02	1.20E-02	7.77E-02	1.00E+01	7.77E-03	2.31E+00	5.55E-03	3.09E-07	1.93E-09
Acenaphthene	3.92E+00	7.14E+03	1.31E-02	4.10E-01	4.38E-03	2.43E+00	1.80E-03	2.31E+00	1.90E-01	2.09E-04	4.45E-05
Acenaphthylene	4.07E+00	1.00E+04	1.31E-02	1.60E+00	1.22E-02	2.16E+00	5.65E-03	2.31E+00	7.40E-01	2.95E-04	2.45E-04
Acetone	-2.40E-01	5.81E-01	1.31E-02	6.10E-01	8.01E+01	6.09E+00	1.31E+01	2.31E+00	2.82E-01	1.45E-08	4.58E-09
Aldrin	5.11E+00	1.06E+05	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	3.24E-03	0.00E+00
Alpha-Chlordane	5.99E+00	7.73E+05	1.31E-02	1.30E-02	1.28E-06	1.00E+01	1.28E-07	2.31E+00	6.01E-03	2.45E-02	1.66E-04
Aluminum	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	*	*	1.00E+00	0.00E+00	1.50E-03	0.00E+00
Anthracene	4.45E+00	2.37E+04	1.31E-02	3.40E+00	1.10E-02	1.93E+00	5.68E-03	2.31E+00	1.57E+00	7.08E-04	1.25E-03
Antimony	0.00E+00	1.00E+00	1.31E-02	5.90E+00	4.50E+02	NA	NA	1.00E+00	1.18E+00	1.00E-03	1.99E-03
Aroclor-1248	6.20E+00	1.24E+06	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	3.97E-02	0.00E+00
Aroclor-1254	6.50E+00	2.45E+06	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	7.94E-02	0.00E+00
Aroclor-1260	6.80E+00	4.84E+06	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	1.59E-01	0.00E+00
Arsenic	0.00E+00	1.00E+00	1.31E-02	1.50E+02	1.14E+04	6.00E+01	2.50E+00	1.00E+00	3.00E+01	2.00E-03	1.01E-01
Barium	0.00E+00	1.00E+00	1.31E-02	5.13E+01	3.91E+03	*	*	1.00E+00	1.03E+01	1.50E-04	2.60E-03
Benzene	1.13E+00	1.29E+01	1.31E-02	2.00E-03	1.18E-02	8.90E+00	1.33E-03	2.31E+00	9.25E-04	3.39E-07	3.52E-10
Benzo(a)anthracene	5.61E+00	3.27E+05	1.31E-02	1.40E+01	3.27E-03	1.00E+01	3.27E-04	2.31E+00	6.48E+00	1.02E-02	7.44E-02
Benzo(a)pyrene	5.98E+00	7.56E+05	1.31E-02	1.40E+01	1.41E-03	1.00E+01	1.41E-04	2.31E+00	6.48E+00	2.40E-02	1.74E-01
Benzo(b)fluoranthene	6.57E+00	2.87E+06	1.31E-02	1.30E+01	3.45E-04	1.00E+01	3.45E-05	2.31E+00	6.01E+00	9.33E-02	6.30E-01
Benzo(g,h,i)perylene	7.23E+00	1.28E+07	1.31E-02	6.50E+00	3.88E-05	1.00E+01	3.88E-06	2.31E+00	3.01E+00	4.27E-01	1.44E+00
Benzo(k)fluoranthene	6.84E+00	5.30E+06	1.31E-02	1.80E+01	2.59E-04	1.00E+01	2.59E-05	2.31E+00	8.33E+00	1.74E-01	1.62E+00
Benzoic acid	1.73E+00	5.02E+01	1.31E-02	2.90E-01	4.41E-01	9.10E+00	4.85E-02	2.31E+00	1.34E-01	1.35E-06	2.03E-07
Beryllium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	NA	NA	1.00E+00	0.00E+00	1.00E-03	0.00E+00
Bis(2-ethylhexyl)phthalate	5.30E+00	1.62E+05	1.31E-02	1.20E-01	5.65E-05	NA	NA	2.31E+00	5.55E-02	5.01E-03	3.12E-04
Boron	0.00E+00	1.00E+00	1.31E-02	1.74E+01	1.33E+03	*	*	1.00E+00	3.48E+00	8.00E-04	4.70E-03
Bromodichloromethane	1.88E+00	7.06E+01	1.31E-02	3.00E-03	3.25E-03	4.95E-01	6.56E-03	2.31E+00	1.39E-03	1.91E-06	2.97E-09
Bromomethane	1.10E+00	1.21E+01	1.31E-02	3.00E-03	1.90E-02	2.71E+00	7.01E-03	2.31E+00	1.39E-03	3.16E-07	4.93E-10
Butyl benzyl phthalate	4.78E+00	5.00E+04	1.31E-02	0.00E+00	0.00E+00	NA	NA	2.31E+00	0.00E+00	1.51E-03	0.00E+00
Cadmium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	5.00E+01	0.00E+00	2.00E+00	0.00E+00	5.50E-04	0.00E+00
Carbazole	3.29E+00	1.72E+03	1.31E-02	1.50E+00	6.68E-02	4.12E+00	1.62E-02	2.31E+00	6.94E-01	4.90E-05	3.81E-05

Soil Organic Content (mg/kg): 13,100
%Earthworm Lipid Content: 2.00
%Dry Weight: 20.00
NA: Not Available

foc(%): 1.31
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00
* : see text for discussion

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Rubble Fill at Bunker A86
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Carbon disulfide	2.16E+00	1.33E+02	1.31E-02	0.00E+00	0.00E+00	4.18E+00	0.00E+00	2.31E+00	0.00E+00	3.63E-06	0.00E+00
Chlorobenzene	2.84E+00	6.19E+02	1.31E-02	3.00E-03	3.70E-04	3.81E+00	9.69E-05	2.31E+00	1.39E-03	1.74E-05	2.71E-08
Chloroform	1.97E+00	8.64E+01	1.31E-02	2.00E-03	1.77E-03	7.50E+00	2.36E-04	2.31E+00	9.25E-04	2.34E-06	2.43E-09
Chloromethane	9.10E-01	7.85E+00	1.31E-02	2.20E-02	2.14E-01	6.78E+00	3.15E-02	2.31E+00	1.02E-02	2.04E-07	2.33E-09
Chromium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	2.50E+01	0.00E+00	1.00E+00	0.00E+00	3.50E-03	0.00E+00
Chrysene	5.61E+00	3.27E+05	1.31E-02	2.90E+01	6.76E-03	*	*	2.31E+00	1.34E+01	1.02E-02	1.54E-01
Cis-1,3-dichloropropene	1.41E+00	2.43E+01	1.31E-02	3.00E-04	9.41E-04	1.00E+01	9.41E-05	2.31E+00	1.39E-04	6.46E-07	1.01E-10
Cobalt	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	*	*	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Copper	0.00E+00	1.00E+00	1.31E-02	2.43E+01	1.85E+03	3.00E+01	8.10E-01	9.30E-01	4.52E+00	1.00E-02	7.98E-02
Cyanide	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	NA	NA	1.00E+00	0.00E+00	1.00E-01	0.00E+00
Di-n-butylphthalate	5.20E+00	1.29E+05	1.31E-02	0.00E+00	0.00E+00	NA	NA	2.31E+00	0.00E+00	3.98E-03	0.00E+00
Dibenzo(a,h)anthracene	5.97E+00	7.39E+05	1.31E-02	3.80E+00	3.92E-04	1.00E+01	3.92E-05	2.31E+00	1.76E+00	2.34E-02	4.63E-02
Dibenzofuran	4.12E+00	1.12E+04	1.31E-02	7.00E-02	4.76E-04	2.30E+00	2.07E-04	2.31E+00	3.24E-02	3.31E-04	1.20E-05
Dieldrin	4.09E+00	1.05E+04	1.31E-02	8.50E-03	6.19E-05	5.32E+00	1.16E-05	2.31E+00	3.93E-03	3.09E-04	1.36E-06
Diethyl phthalate	2.96E+00	8.13E+02	1.31E-02	0.00E+00	0.00E+00	NA	NA	2.31E+00	0.00E+00	2.29E-05	0.00E+00
Endosulfan ii	3.62E+00	3.62E+03	1.31E-02	0.00E+00	0.00E+00	7.93E+00	0.00E+00	2.31E+00	0.00E+00	1.05E-04	0.00E+00
Endosulfan sulfate	3.65E+00	3.87E+03	1.31E-02	1.90E-02	3.74E-04	7.93E+00	4.72E-05	2.31E+00	8.79E-03	1.12E-04	1.11E-06
Endrin	5.60E+00	3.20E+05	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	1.00E-02	0.00E+00
Endrin aldehyde	5.60E+00	3.20E+05	1.31E-02	5.80E-03	1.38E-06	1.00E+01	1.38E-07	2.31E+00	2.68E-03	1.00E-02	3.01E-05
Endrin ketone	5.60E+00	3.20E+05	1.31E-02	2.76E-02	6.59E-06	1.00E+01	6.59E-07	2.31E+00	1.28E-02	1.00E-02	1.43E-04
Ethylbenzene	3.15E+00	1.25E+03	1.31E-02	2.00E-03	1.22E-04	2.89E+00	4.23E-05	2.31E+00	9.25E-04	3.55E-05	3.68E-08
Fluoranthene	5.33E+00	1.74E+05	1.31E-02	3.80E+01	1.67E-02	1.00E+01	1.67E-03	2.31E+00	1.76E+01	5.37E-03	1.06E-01
Fluorene	4.18E+00	1.29E+04	1.31E-02	1.50E+00	8.90E-03	2.18E+00	4.09E-03	2.31E+00	6.94E-01	3.80E-04	2.96E-04
Gamma-Chlordane	2.78E+00	5.41E+02	1.31E-02	8.00E-03	1.13E-03	1.00E+01	1.13E-04	2.31E+00	3.70E-03	1.51E-05	6.29E-08
Heptachlor	4.40E+00	2.12E+04	1.31E-02	2.40E-03	8.66E-06	4.19E+00	2.07E-06	2.31E+00	1.11E-03	6.31E-04	7.86E-07
Heptachlor epoxide	3.65E+00	3.87E+03	1.31E-02	2.50E-03	4.93E-05	4.19E+00	1.18E-05	2.31E+00	1.16E-03	1.12E-04	1.46E-07
Indeno(1,2,3-Cd)pyrene	7.66E+00	3.39E+07	1.31E-02	6.60E+00	1.49E-05	1.00E+01	1.49E-06	2.31E+00	3.05E+00	1.15E+00	3.93E+00
Iron	0.00E+00	1.00E+00	1.31E-02	2.09E+04	1.59E+06	*	*	1.00E+00	4.18E+03	2.00E-02	1.41E+02
Lead	0.00E+00	1.00E+00	1.31E-02	6.53E+01	4.98E+03	5.94E+01	1.10E+00	1.24E+00	1.62E+01	4.00E-04	9.69E-03
Manganese	0.00E+00	1.00E+00	1.31E-02	2.38E+02	1.82E+04	*	*	1.00E+00	4.76E+01	2.70E-02	2.17E+00
Mercury	0.00E+00	1.00E+00	1.31E-02	1.70E-01	1.30E+01	2.16E+00	7.87E-02	1.00E+00	3.40E-02	2.51E-08	1.44E-09
Methoxychlor	4.68E+00	3.99E+04	1.31E-02	0.00E+00	0.00E+00	3.18E+00	0.00E+00	2.31E+00	0.00E+00	1.20E-03	0.00E+00
Methylene chloride	1.25E+00	1.69E+01	1.31E-02	1.10E-01	4.96E-01	6.78E+00	7.31E-02	2.31E+00	5.09E-02	4.47E-07	2.55E-08
Naphthalene	3.37E+00	2.06E+03	1.31E-02	5.00E-02	1.86E-03	2.98E+00	6.22E-04	2.31E+00	2.31E-02	5.89E-05	1.53E-06
Nickel	0.00E+00	1.00E+00	1.31E-02	1.32E+01	1.01E+03	4.00E+02	3.30E-02	1.00E+00	2.64E+00	6.00E-03	2.68E-02
OCDD	6.10E+00	9.92E+05	1.31E-02	0.00E+00	0.00E+00	*	*	2.31E+00	0.00E+00	3.16E-02	0.00E+00
Phenanthrene	4.46E+00	2.42E+04	1.31E-02	2.10E+01	6.61E-02	1.92E+00	3.45E-02	2.31E+00	9.72E+00	7.24E-04	7.90E-03
Pyrene	5.18E+00	1.24E+05	1.31E-02	4.30E+01	2.65E-02	1.00E+01	2.65E-03	2.31E+00	1.99E+01	3.80E-03	8.49E-02
Selenium	0.00E+00	1.00E+00	1.31E-02	9.30E-01	7.09E+01	7.00E+01	1.33E-02	1.00E+00	1.86E-01	1.50E-02	4.72E-03
Silver	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	*	*	1.00E+00	0.00E+00	3.00E-03	0.00E+00

Soil Organic Content (mg/kg): 13,100
%Earthworm Lipid Content: 2.00
%Dry Weight: 20.00
NA: Not [illegible]lable

foc(%): 1.31
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00
* : see text f[illegible] [illegible]iscussion

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Rubble Fill at Bunker A86
Maximum Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Styrene	3.16E+00	1.27E+03	1.31E-02	2.00E-03	1.20E-04	2.82E+00	4.26E-05	2.31E+00	9.25E-04	3.62E-05	3.76E-08
Tetrachloroethene	2.53E+00	3.07E+02	1.31E-02	5.00E-03	1.24E-03	7.00E+00	1.77E-04	2.31E+00	2.31E-03	8.51E-06	2.21E-08
Thallium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	NA	NA	1.00E+00	0.00E+00	4.00E-02	0.00E+00
Toluene	2.69E+00	4.41E+02	1.31E-02	3.00E-03	5.19E-04	3.48E+00	1.49E-04	2.31E+00	1.39E-03	1.23E-05	1.92E-08
Trans-1,3-dichloropropene	1.41E+00	2.43E+01	1.31E-02	4.00E-03	1.25E-02	1.00E+01	1.25E-03	2.31E+00	1.85E-03	6.46E-07	1.34E-09
Trichloroethene	2.53E+00	3.07E+02	1.31E-02	2.00E-03	4.97E-04	5.55E+00	8.96E-05	2.31E+00	9.25E-04	8.51E-06	8.84E-09
Vanadium	0.00E+00	1.00E+00	1.31E-02	5.35E+01	4.08E+03	*	*	1.00E+00	1.07E+01	2.50E-03	4.52E-02
Vinyl acetate	3.00E-01	1.97E+00	1.31E-02	8.00E-03	3.09E-01	NA	NA	2.31E+00	3.70E-03	5.01E-08	2.08E-10
Xylenes, total	7.33E+00	1.61E+07	1.31E-02	5.00E-03	2.38E-08	NA	NA	2.31E+00	2.31E-03	5.37E-01	1.39E-03
Zinc	0.00E+00	1.00E+00	1.31E-02	4.12E+02	3.14E+04	5.00E+03	8.24E-02	2.30E+00	1.90E+02	1.00E-01	2.13E+01

000013

Soil Organic Content (mg/kg): 13,100
%Earthworm Lipid Content: 2.00
%Dry Weight: 20.00
NA: Not Available

foc(%): 1.31
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00
* : see text for discussion

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Rubble Fill Area at Bunker A86
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
1,1,2,2-Tetrachloroethane	2.39E+00	2.23E+02	1.31E-02	3.00E-03	1.03E-03	7.83E+00	1.31E-04	2.31E+00	1.39E-03	6.15E-06	9.59E-09
1,1,2-Trichloroethane	2.17E+00	1.36E+02	1.31E-02	5.81E-03	3.26E-03	7.27E+00	4.48E-04	2.31E+00	2.69E-03	3.72E-06	1.12E-08
1,1-Dichloroethene	1.48E+00	2.85E+01	1.31E-02	2.00E-03	5.35E-03	8.62E+00	6.21E-04	2.31E+00	9.25E-04	7.59E-07	7.88E-10
1,2-Dichloroethene (total)	1.48E+00	2.85E+01	1.31E-02	3.00E-03	8.03E-03	8.62E+00	9.32E-04	2.31E+00	1.39E-03	7.59E-07	1.18E-09
1,4-Dichlorobenzene	3.39E+00	2.15E+03	1.31E-02	0.00E+00	0.00E+00	3.37E+00	0.00E+00	2.31E+00	0.00E+00	6.17E-05	0.00E+00
2-Butanone	2.60E-01	1.80E+00	1.31E-02	1.15E-02	4.85E-01	1.00E+01	4.85E-02	2.31E+00	5.30E-03	4.57E-08	2.72E-10
2-Methylnaphthalene	3.86E+00	6.23E+03	1.31E-02	4.50E-02	5.51E-04	2.34E+00	2.36E-04	2.31E+00	2.08E-02	1.82E-04	4.25E-06
3,3'-Dichlorobenzidine	3.51E+00	2.82E+03	1.31E-02	1.00E-01	2.71E-03	5.34E+00	5.08E-04	2.31E+00	4.63E-02	8.11E-05	4.21E-06
4,4'-DDD	5.99E+00	7.73E+05	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	2.00E-01	0.00E+00
4,4'-DDE	5.69E+00	3.92E+05	1.31E-02	3.79E-02	7.38E-06	1.00E+01	7.38E-07	2.31E+00	1.75E-02	2.00E-01	3.94E-03
4,4'-DDT	6.19E+00	1.22E+06	1.31E-02	1.07E-01	6.70E-06	1.00E+01	6.70E-07	2.31E+00	4.94E-02	2.00E-01	1.11E-02
4-Methyl-2-pentanone	1.09E+00	1.18E+01	1.31E-02	6.96E-03	4.51E-02	1.00E+01	4.51E-03	2.31E+00	3.22E-03	3.09E-07	1.12E-09
Acenaphthene	3.92E+00	7.14E+03	1.31E-02	4.10E-01	4.38E-03	2.43E+00	1.80E-03	2.31E+00	1.90E-01	2.09E-04	4.45E-05
Acenaphthylene	4.07E+00	1.00E+04	1.31E-02	5.16E-01	3.93E-03	2.16E+00	1.82E-03	2.31E+00	2.39E-01	2.95E-04	7.91E-05
Acetone	-2.40E-01	5.81E-01	1.31E-02	5.72E-02	7.51E+00	6.09E+00	1.23E+00	2.31E+00	2.65E-02	1.45E-08	4.29E-10
Aldrin	5.11E+00	1.06E+05	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	3.24E-03	0.00E+00
Alpha-Chlordane	5.99E+00	7.73E+05	1.31E-02	5.35E-03	5.28E-07	1.00E+01	5.28E-08	2.31E+00	2.48E-03	2.45E-02	6.82E-05
Aluminum	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	*	*	1.00E+00	0.00E+00	1.50E-03	0.00E+00
Anthracene	4.45E+00	2.37E+04	1.31E-02	8.80E-01	2.84E-03	1.93E+00	1.47E-03	2.31E+00	4.07E-01	7.08E-04	3.24E-04
Antimony	0.00E+00	1.00E+00	1.31E-02	5.36E+00	4.09E+02	NA	NA	1.00E+00	1.07E+00	1.00E-03	1.81E-03
Aroclor-1248	6.20E+00	1.24E+06	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	3.97E-02	0.00E+00
Aroclor-1254	6.50E+00	2.45E+06	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	7.94E-02	0.00E+00
Aroclor-1260	6.80E+00	4.84E+06	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	1.59E-01	0.00E+00
Arsenic	0.00E+00	1.00E+00	1.31E-02	4.25E+01	3.24E+03	6.00E+01	7.08E-01	1.00E+00	8.50E+00	2.00E-03	2.87E-02
Barium	0.00E+00	1.00E+00	1.31E-02	4.23E+01	3.23E+03	*	*	1.00E+00	8.46E+00	1.50E-04	2.14E-03
Benzene	1.13E+00	1.29E+01	1.31E-02	2.00E-03	1.18E-02	8.90E+00	1.33E-03	2.31E+00	9.25E-04	3.39E-07	3.52E-10
Benzo(a)anthracene	5.61E+00	3.27E+05	1.31E-02	4.25E+00	9.92E-04	1.00E+01	9.92E-05	2.31E+00	1.97E+00	1.02E-02	2.26E-02
Benzo(a)pyrene	5.98E+00	7.56E+05	1.31E-02	4.53E+00	4.57E-04	1.00E+01	4.57E-05	2.31E+00	2.09E+00	2.40E-02	5.64E-02
Benzo(b)fluoranthene	6.57E+00	2.87E+06	1.31E-02	4.68E+00	1.24E-04	1.00E+01	1.24E-05	2.31E+00	2.17E+00	9.33E-02	2.27E-01
Benzo(g,h,i)perylene	7.23E+00	1.28E+07	1.31E-02	2.27E+00	1.35E-05	1.00E+01	1.35E-06	2.31E+00	1.05E+00	4.27E-01	5.02E-01
Benzo(k)fluoranthene	6.84E+00	5.30E+06	1.31E-02	5.13E+00	7.39E-05	1.00E+01	7.39E-06	2.31E+00	2.37E+00	1.74E-01	4.63E-01
Benzoic acid	1.73E+00	5.02E+01	1.31E-02	2.90E-01	4.41E-01	9.10E+00	4.85E-02	2.31E+00	1.34E-01	1.35E-06	2.03E-07
Beryllium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	NA	NA	1.00E+00	0.00E+00	1.00E-03	0.00E+00
Bis(2-ethylhexyl)phthalate	5.30E+00	1.62E+05	1.31E-02	1.20E-01	5.65E-05	NA	NA	2.31E+00	5.55E-02	5.01E-03	3.12E-04
Boron	0.00E+00	1.00E+00	1.31E-02	8.31E+00	6.34E+02	*	*	1.00E+00	1.66E+00	8.00E-04	2.25E-03
Bromodichloromethane	1.88E+00	7.06E+01	1.31E-02	3.00E-03	3.25E-03	4.95E-01	6.56E-03	2.31E+00	1.39E-03	1.91E-06	2.97E-09
Bromomethane	1.10E+00	1.21E+01	1.31E-02	3.00E-03	1.90E-02	2.71E+00	7.01E-03	2.31E+00	1.39E-03	3.16E-07	4.93E-10
Butyl benzyl phthalate	4.78E+00	5.00E+04	1.31E-02	0.00E+00	0.00E+00	NA	NA	2.31E+00	0.00E+00	1.51E-03	0.00E+00
Cadmium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	5.00E+01	0.00E+00	2.00E+00	0.00E+00	5.50E-04	0.00E+00
Carbazole	3.29E+00	1.72E+03	1.31E-02	5.91E-01	2.63E-02	4.12E+00	6.38E-03	2.31E+00	2.73E-01	4.90E-05	1.50E-05

Soil Organic Content (mg/kg): 13,100
%Earthworm Lipid Content: 2.00
%Dry Weight: 20.00
NA: Not available

foc(%): 1.31
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00
* : see text for discussion

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Rubble Fill Area at Bunker A86
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Carbon disulfide	2.16E+00	1.33E+02	1.31E-02	0.00E+00	0.00E+00	4.18E+00	0.00E+00	2.31E+00	0.00E+00	3.63E-06	0.00E+00
Chlorobenzene	2.84E+00	6.19E+02	1.31E-02	3.00E-03	3.70E-04	3.81E+00	9.69E-05	2.31E+00	1.39E-03	1.74E-05	2.71E-08
Chloroform	1.97E+00	8.64E+01	1.31E-02	2.00E-03	1.77E-03	7.50E+00	2.36E-04	2.31E+00	9.25E-04	2.34E-06	2.43E-09
Chloromethane	9.10E-01	7.85E+00	1.31E-02	8.23E-03	8.00E-02	6.78E+00	1.18E-02	2.31E+00	3.81E-03	2.04E-07	8.73E-10
Chromium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	2.50E+01	0.00E+00	1.00E+00	0.00E+00	3.50E-03	0.00E+00
Chrysene	5.61E+00	3.27E+05	1.31E-02	7.03E+00	1.64E-03	*	*	2.31E+00	3.25E+00	1.02E-02	3.74E-02
Cis-1,3-dichloropropene	1.41E+00	2.43E+01	1.31E-02	5.58E-03	1.75E-02	1.00E+01	1.75E-03	2.31E+00	2.58E-03	6.46E-07	1.87E-09
Cobalt	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	*	*	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Copper	0.00E+00	1.00E+00	1.31E-02	1.81E+01	1.38E+03	3.00E+01	6.03E-01	9.30E-01	3.37E+00	1.00E-02	5.94E-02
Cyanide	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	NA	NA	1.00E+00	0.00E+00	1.00E-01	0.00E+00
Di-n-butylphthalate	5.20E+00	1.29E+05	1.31E-02	0.00E+00	0.00E+00	NA	NA	2.31E+00	0.00E+00	3.98E-03	0.00E+00
Dibenzo(a,h)anthracene	5.97E+00	7.39E+05	1.31E-02	1.29E+00	1.33E-04	1.00E+01	1.33E-05	2.31E+00	5.96E-01	2.34E-02	1.57E-02
Dibenzofuran	4.12E+00	1.12E+04	1.31E-02	7.00E-02	4.76E-04	2.30E+00	2.07E-04	2.31E+00	3.24E-02	3.31E-04	1.20E-05
Dieldrin	4.09E+00	1.05E+04	1.31E-02	8.30E-03	6.04E-05	5.32E+00	1.13E-05	2.31E+00	3.84E-03	3.09E-04	1.33E-06
Diethyl phthalate	2.96E+00	8.13E+02	1.31E-02	0.00E+00	0.00E+00	NA	NA	2.31E+00	0.00E+00	2.29E-05	0.00E+00
Endosulfan ii	3.62E+00	3.62E+03	1.31E-02	0.00E+00	0.00E+00	7.93E+00	0.00E+00	2.31E+00	0.00E+00	1.05E-04	0.00E+00
Endosulfan sulfate	3.65E+00	3.87E+03	1.31E-02	1.26E-02	2.47E-04	7.93E+00	3.12E-05	2.31E+00	5.81E-03	1.12E-04	7.31E-07
Endrin	5.60E+00	3.20E+05	1.31E-02	0.00E+00	0.00E+00	1.00E+01	0.00E+00	2.31E+00	0.00E+00	1.00E-02	0.00E+00
Endrin aldehyde	5.60E+00	3.20E+05	1.31E-02	5.80E-03	1.38E-06	1.00E+01	1.38E-07	2.31E+00	2.68E-03	1.00E-02	3.01E-05
Endrin ketone	5.60E+00	3.20E+05	1.31E-02	2.76E-03	6.59E-07	1.00E+01	6.59E-08	2.31E+00	1.28E-03	1.00E-02	1.43E-05
Ethylbenzene	3.15E+00	1.25E+03	1.31E-02	2.00E-03	1.22E-04	2.89E+00	4.23E-05	2.31E+00	9.25E-04	3.55E-05	3.68E-08
Fluoranthene	5.33E+00	1.74E+05	1.31E-02	1.11E+01	4.86E-03	1.00E+01	4.86E-04	2.31E+00	5.12E+00	5.37E-03	3.08E-02
Fluorene	4.18E+00	1.29E+04	1.31E-02	4.05E-01	2.40E-03	2.18E+00	1.10E-03	2.31E+00	1.87E-01	3.80E-04	7.99E-05
Gamma-Chlordane	2.78E+00	5.41E+02	1.31E-02	4.88E-03	6.88E-04	1.00E+01	6.88E-05	2.31E+00	2.26E-03	1.51E-05	3.83E-08
Heptachlor	4.40E+00	2.12E+04	1.31E-02	2.40E-03	8.66E-06	4.19E+00	2.07E-06	2.31E+00	1.11E-03	6.31E-04	7.86E-07
Heptachlor epoxide	3.65E+00	3.87E+03	1.31E-02	2.50E-03	4.93E-05	4.19E+00	1.18E-05	2.31E+00	1.16E-03	1.12E-04	1.46E-07
Indeno(1,2,3-Cd)pyrene	7.66E+00	3.39E+07	1.31E-02	2.24E+00	5.05E-06	1.00E+01	5.05E-07	2.31E+00	1.04E+00	1.15E+00	1.34E+00
Iron	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	*	*	1.00E+00	0.00E+00	2.00E-02	0.00E+00
Lead	0.00E+00	1.00E+00	1.31E-02	5.02E+01	3.83E+03	5.94E+01	8.45E-01	1.24E+00	1.24E+01	4.00E-04	7.45E-03
Manganese	0.00E+00	1.00E+00	1.31E-02	1.89E+02	1.44E+04	*	*	1.00E+00	3.78E+01	2.70E-02	1.72E+00
Mercury	0.00E+00	1.00E+00	1.31E-02	7.02E-02	5.36E+00	2.16E+00	3.25E-02	1.00E+00	1.40E-02	2.51E-08	5.96E-10
Methoxychlor	4.68E+00	3.99E+04	1.31E-02	0.00E+00	0.00E+00	3.18E+00	0.00E+00	2.31E+00	0.00E+00	1.20E-03	0.00E+00
Methylene chloride	1.25E+00	1.69E+01	1.31E-02	1.31E-02	5.89E-02	6.78E+00	8.68E-03	2.31E+00	6.05E-03	4.47E-07	3.03E-09
Naphthalene	3.37E+00	2.06E+03	1.31E-02	5.00E-02	1.86E-03	2.98E+00	6.22E-04	2.31E+00	2.31E-02	5.89E-05	1.53E-06
Nickel	0.00E+00	1.00E+00	1.31E-02	1.31E+01	9.99E+02	4.00E+02	3.28E-02	1.00E+00	2.62E+00	6.00E-03	2.66E-02
OCDD	6.10E+00	9.92E+05	1.31E-02	0.00E+00	0.00E+00	*	*	2.31E+00	0.00E+00	3.16E-02	0.00E+00
Phenanthrene	4.46E+00	2.42E+04	1.31E-02	5.63E+00	1.77E-02	1.92E+00	9.26E-03	2.31E+00	2.61E+00	7.24E-04	2.12E-03
Pyrene	5.18E+00	1.24E+05	1.31E-02	1.26E+01	7.78E-03	1.00E+01	7.78E-04	2.31E+00	5.83E+00	3.80E-03	2.49E-02
Selenium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	7.00E+01	0.00E+00	1.00E+00	0.00E+00	1.50E-02	0.00E+00
Silver	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	*	*	1.00E+00	0.00E+00	3.00E-03	0.00E+00

Soil Organic Content (mg/kg): 13,100
%Earthworm Lipid Content: 2.00
%Dry Weight: 20.00
NA: Not Available

foc(%): 1.31
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00
* : see text for discussion

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Rubble Fill Area at Bunker A86
Average Surface Soil Concentrations

Soil Contaminant	log Kow	Koc	foc	Soil Concentration (mg/kg)	Concentration Interstitial Water (mg/L)	Earthworm Benchmark Value (mg/L & mg/kg)	Earthworm Hazard Quotient	Site Specific BAF	Earthworm Tissue Concentration (wet wt.; mg/kg)	Shrew Transfer Factor	Shrew Tissue Concentration (mg/kg)
Styrene	3.16E+00	1.27E+03	1.31E-02	2.00E-03	1.20E-04	2.82E+00	4.26E-05	2.31E+00	9.25E-04	3.62E-05	3.76E-08
Tetrachloroethene	2.53E+00	3.07E+02	1.31E-02	3.81E-03	9.47E-04	7.00E+00	1.35E-04	2.31E+00	1.76E-03	8.51E-06	1.68E-08
Thallium	0.00E+00	1.00E+00	1.31E-02	0.00E+00	0.00E+00	NA	NA	1.00E+00	0.00E+00	4.00E-02	0.00E+00
Toluene	2.69E+00	4.41E+02	1.31E-02	3.00E-03	5.19E-04	3.48E+00	1.49E-04	2.31E+00	1.39E-03	1.23E-05	1.92E-08
Trans-1,3-dichloropropene	1.41E+00	2.43E+01	1.31E-02	4.00E-03	1.25E-02	1.00E+01	1.25E-03	2.31E+00	1.85E-03	6.46E-07	1.34E-09
Trichloroethene	2.53E+00	3.07E+02	1.31E-02	2.00E-03	4.97E-04	5.55E+00	8.96E-05	2.31E+00	9.25E-04	8.51E-06	8.84E-09
Vanadium	0.00E+00	1.00E+00	1.31E-02	3.71E+01	2.83E+03	*	*	1.00E+00	7.42E+00	2.50E-03	3.13E-02
Vinyl acetate	3.00E-01	1.97E+00	1.31E-02	6.65E-03	2.57E-01	NA	NA	2.31E+00	3.08E-03	5.01E-08	1.73E-10
Xylenes, total	7.33E+00	1.61E+07	1.31E-02	5.00E-03	2.38E-08	NA	NA	2.31E+00	2.31E-03	5.37E-01	1.39E-03
Zinc	0.00E+00	1.00E+00	1.31E-02	1.10E+02	8.39E+03	5.00E+03	2.20E-02	2.30E+00	5.06E+01	1.00E-01	5.69E+00

Soil Organic Content (mg/kg): 13,100
%Earthworm Lipid Content: 2.00
%Dry Weight: 20.00
NA: Not Available

foc(%): 1.31
%soil in diet - short tail shrew: 20.00
%animal in diet - short tail shrew: 69.00
* : see text discussion

000016

RUBBLE FILL AREA AT BUNKER A86

MAXIMUM EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A RUBBLE FILL

MAXIMUM EXPOSURE PT CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill at A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
1,1,2,2-Tetrachloroethane	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	6.00E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	7.00E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	4.50E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	1.00E-01	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	6.30E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.54E-01	0.00E+00	1.18E-01	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	1.20E-02	0.00E+00	5.55E-03	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	4.10E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	1.60E+00	0.00E+00	7.40E-01	0.00E+00	0.00E+00	0.00E+00
Acetone	6.10E-01	0.00E+00	2.82E-01	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-02	0.00E+00	6.01E-03	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.40E+00	0.00E+00	1.57E+00	0.00E+00	0.00E+00	0.00E+00
Antimony	5.90E+00	0.00E+00	1.18E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	1.50E+02	0.00E+00	3.00E+01	0.00E+00	0.00E+00	0.00E+00
Barium	5.13E+01	0.00E+00	1.03E+01	0.00E+00	0.00E+00	0.00E+00
Benzene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	1.40E+01	0.00E+00	6.48E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	1.40E+01	0.00E+00	6.48E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	1.30E+01	0.00E+00	6.01E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	6.50E+00	0.00E+00	3.01E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	1.80E+01	0.00E+00	8.33E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	2.90E-01	0.00E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	1.20E-01	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00
Boron	1.74E+01	0.00E+00	3.48E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Bromomethane	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	1.50E+00	0.00E+00	6.94E-01	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fiull at A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Chloromethane	2.20E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	2.90E+01	0.00E+00	1.34E+01	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	3.00E-04	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	2.43E+01	0.00E+00	4.52E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	3.80E+00	0.00E+00	1.76E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	7.00E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	0.00E+00
Dieldrin	8.50E-03	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	1.90E-02	0.00E+00	8.79E-03	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	5.80E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	2.76E-02	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	3.80E+01	0.00E+00	1.76E+01	0.00E+00	0.00E+00	0.00E+00
Fluorene	1.50E+00	0.00E+00	6.94E-01	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	8.00E-03	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00
Heptachlor	2.40E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	2.50E-03	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	6.60E+00	0.00E+00	3.05E+00	0.00E+00	0.00E+00	0.00E+00
Iron	2.09E+04	0.00E+00	4.18E+03	0.00E+00	0.00E+00	0.00E+00
Lead	6.53E+01	0.00E+00	1.62E+01	0.00E+00	0.00E+00	0.00E+00
Manganese	2.38E+02	0.00E+00	4.76E+01	0.00E+00	0.00E+00	0.00E+00
Mercury	1.70E-01	0.00E+00	3.40E-02	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	1.10E-01	0.00E+00	5.09E-02	0.00E+00	0.00E+00	0.00E+00
Naphthalene	5.00E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00
Nickel	1.32E+01	0.00E+00	2.64E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	2.10E+01	0.00E+00	9.72E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	4.30E+01	0.00E+00	1.99E+01	0.00E+00	0.00E+00	0.00E+00
Selenium	9.30E-01	0.00E+00	1.86E-01	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill at A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Styrene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	5.00E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	4.00E-03	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Vanadium	5.35E+01	0.00E+00	1.07E+01	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	8.00E-03	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	5.00E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00
Zinc	4.12E+02	0.00E+00	1.90E+02	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			8.90E-05
1,1,2-Trichloroethane			3.18E-06
1,1-Dichloroethene			3.53E-05
1,2-Dichloroethene (total)			3.52E-05
1,4-Dichlorobenzene			0.00E+00
2-Butanone			8.47E-03
2-Methylnaphthalene			5.96E-04
3,3'-Dichlorobenzidine			1.43E-02
4,4'-DDD			0.00E+00
4,4'-DDE			4.17E-02
4,4'-DDT			1.68E-01
4-Methyl-2-pentanone			2.54E-04
Acenaphthene			1.24E-02
Acenaphthylene			4.85E-02
Acetone			3.23E-02
Aldrin			0.00E+00
Alpha-Chlordane			1.50E-03
Aluminum			0.00E+00
Anthracene			1.80E-02
Antimony			6.25E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			3.15E+02
Barium			5.37E+00
Benzene			2.01E-05
Benzo(a)anthracene			3.71E+00
Benzo(a)pyrene			3.71E+00
Benzo(b)fluoranthene			3.45E+00
Benzo(g,h,i)perylene			1.72E+00
Benzo(k)fluoranthene			4.77E+00
Benzoic acid			1.92E-03
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			3.48E-03
Boron			5.27E-01
Bromodichloromethane			4.44E-04
Bromomethane			1.14E-02
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			3.98E-01
TOTAL			4.02E+02

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			5.83E-04
Chloroform			7.07E-05
Chloromethane			3.47E-03
Chromium			0.00E+00
Chrysene			7.69E+00
Cis-1,3-dichloropropene			5.30E-04
Cobalt			0.00E+00
Copper			1.95E-01
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			1.01E+00
Dibenzofuran			1.86E-02
Dieldrin			1.13E-01
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			6.71E-02
Endrin			0.00E+00
Endrin aldehyde			1.67E-02
Endrin ketone			7.95E-02
Ethylbenzene			1.30E-04
Fluoranthene			1.61E+00
Fluorene			6.36E-02
Gamma-Chlordane			9.26E-04
Heptachlor			1.59E-03
Heptachlor epoxide			2.24E+02
Indeno(1,2,3-Cd)pyrene			1.75E+00
Iron			N/A
Lead			4.33E+00
Manganese			1.43E+00
Mercury			6.83E-03
Methoxychlor			0.00E+00
Methylene chloride			9.97E-03
Naphthalene			6.63E-04
Nickel			1.75E-01
OCDD			0.00E+00
Phenanthrene			2.17E+01
Pyrene			3.04E+00
Selenium			3.29E+00
Silver			0.00E+00
TOTAL			2.70E+02

Shrew: Rubble Fill at A86
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			5.30E-05
Tetrachloroethene			1.89E-03
Thallium			0.00E+00
Toluene			3.06E-05
Trans-1,3-dichloropropene			7.07E-03
Trichloroethene			7.57E-04
Vanadium			6.75E+01
Vinyl acetate			8.89E-06
Xylenes, total			1.29E-03
Zinc			1.36E+00
TOTAL			6.89E+01

Shrew: Rubble Fill at A86
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			1.42E-04
1,1,2-Trichloroethane			5.08E-06
1,1-Dichloroethene			5.64E-05
1,2-Dichloroethene (total)			5.61E-05
1,4-Dichlorobenzene			0.00E+00
2-Butanone			1.35E-02
2-Methylnaphthalene			9.52E-04
3,3'-Dichlorobenzidine			2.29E-02
4,4'-DDD			0.00E+00
4,4'-DDE			6.66E-02
4,4'-DDT			2.69E-01
4-Methyl-2-pentanone			4.06E-04
Acenaphthene			1.98E-02
Acenaphthylene			7.73E-02
Acetone			5.16E-02
Aldrin			0.00E+00
Alpha-Chlordane			2.40E-03
Aluminum			0.00E+00
Anthracene			2.88E-02
Antimony			4.32E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			2.18E+02
Barium			3.71E+00
Benzene			3.21E-05
Benzo(a)anthracene			5.92E+00
Benzo(a)pyrene			5.92E+00
Benzo(b)fluoranthene			5.50E+00
Benzo(g,h,i)perylene			2.75E+00
Benzo(k)fluoranthene			7.61E+00
Benzoic acid			3.07E-03
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			5.55E-03
Boron			3.64E-01
Bromodichloromethane			7.09E-04
Bromomethane			1.81E-02
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			6.34E-01
TOTAL			2.94E+02

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			9.31E-04
Chloroform			1.13E-04
Chloromethane			5.54E-03
Chromium			0.00E+00
Chrysene			1.23E+01
Cis-1,3-dichloropropene			8.46E-04
Cobalt			0.00E+00
Copper			1.25E-01
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			1.61E+00
Dibenzofuran			2.96E-02
Dieldrin			1.80E-01
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			1.07E-01
Endrin			0.00E+00
Endrin aldehyde			2.67E-02
Endrin ketone			1.27E-01
Ethylbenzene			2.07E-04
Fluoranthene			2.57E+00
Fluorene			1.02E-01
Gamma-Chlordane			1.48E-03
Heptachlor			2.54E-03
Heptachlor epoxide			3.57E+02
Indeno(1,2,3-Cd)pyrene			2.79E+00
Iron			N/A
Lead			3.70E+00
Manganese			9.89E-01
Mercury			4.71E-03
Methoxychlor			0.00E+00
Methylene chloride			1.59E-02
Naphthalene			1.06E-03
Nickel			1.21E-01
OCDD			0.00E+00
Phenanthrene			3.46E+01
Pyrene			4.85E+00
Selenium			2.27E+00
Silver			0.00E+00
TOTAL			4.24E+02

Shrew: Rubble Fill at A86
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			8.46E-05
Tetrachloroethene			3.02E-03
Thallium			0.00E+00
Toluene			4.88E-05
Trans-1,3-dichloropropene			1.13E-02
Trichloroethene			1.21E-03
Vanadium			4.66E+01
Vinyl acetate			1.42E-05
Xylenes, total			2.05E-03
Zinc			2.17E+00
TOTAL			4.88E+01

1,1,2,2-Tetrachloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,1,2-Trichloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.00E-03							6.36E-04		1.00E+00	1.00E+00	6.36E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.78E-03			1.02E-03						1.00E+00	1.00E+00	1.02E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

1,1,2,2-Tetrachloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	3.57E+00	8.90E-05	
Water	0.00E+00	0.00E+00	3.57E+00	0.00E+00	
Food	1.39E-03	5.08E-04	3.57E+00	1.42E-04	
Inhalation					
Air	0.00E+00	0.00E+00	3.57E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.57E+00	0.00E+00	
Total					2.31E-04

1,1,2-Trichloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.00E-03	6.36E-04	2.00E+02	3.18E-06	
Water	0.00E+00	0.00E+00	2.00E+02	0.00E+00	
Food	2.78E-03	1.02E-03	2.00E+02	5.08E-06	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+02	0.00E+00	
Total					8.26E-06

1,1-Dichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,2-Dichloroethene (total)	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

1,1-Dichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	6.00E+00	3.53E-05	
Water	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Food	9.25E-04	3.38E-04	6.00E+00	5.64E-05	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Total					9.17E-05

1,2-Dichloroethene (total)	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	9.04E+00	3.52E-05	
Water	0.00E+00	0.00E+00	9.04E+00	0.00E+00	
Food	1.39E-03	5.08E-04	9.04E+00	5.61E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.04E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.04E+00	0.00E+00	
Total					9.13E-05

Shrew: Rubble Fill at A86
Maximu ncentration

1,4-Dichlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

2-Butanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	7.00E-02					-		7.42E-03		1.00E+00	1.00E+00	7.42E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.24E-02			1.18E-02						1.00E+00	1.00E+00	1.18E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000619

Shrew: Rubble Fill at A86
Maximum Concentration

1,4-Dichlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Total					0.00E+00

2-Butanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	7.42E-03	8.76E-01	8.47E-03	
Water	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Food	3.24E-02	1.18E-02	8.76E-01	1.35E-02	
Inhalation					
Air	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Total					2.20E-02

2-Methylnaphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.50E-02							4.77E-03		1.00E+00	1.00E+00	4.77E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.08E-02			7.61E-03						1.00E+00	1.00E+00	7.61E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

3,3'-Dichlorobenzidine	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.00E-01							1.06E-02		1.00E+00	1.00E+00	1.06E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.63E-02			1.69E-02						1.00E+00	1.00E+00	1.69E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Shrew: Rubble Fill at A86
Maximum Concentration

2-Methylnaphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.50E-02	4.77E-03	8.00E+00	5.96E-04	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.08E-02	7.61E-03	8.00E+00	9.52E-04	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					1.55E-03

3,3'-Dichlorobenzidine	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.00E-01	1.06E-02	7.40E-01	1.43E-02	
Water	0.00E+00	0.00E+00	7.40E-01	0.00E+00	
Food	4.63E-02	1.69E-02	7.40E-01	2.29E-02	
Inhalation					
Air	0.00E+00	0.00E+00	7.40E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.40E-01	0.00E+00	
Total					3.72E-02

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.30E-02							6.68E-03		1.00E+00	1.00E+00	6.68E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.91E-02			1.07E-02						1.00E+00	1.00E+00	1.07E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000023

Shrew: Rubble Fill at A86
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					0.00E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.30E-02	6.68E-03	1.60E-01	4.17E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	2.91E-02	1.07E-02	1.60E-01	6.66E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.08E-01

Shrew: Rubble Fill at A86
Maxim[illegible]ncentration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.54E-01							2.69E-02		1.00E+00	1.00E+00	2.69E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.18E-01			4.30E-02						1.00E+00	1.00E+00	4.30E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.20E-02							1.27E-03		1.00E+00	1.00E+00	1.27E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.55E-03			2.03E-03						1.00E+00	1.00E+00	2.03E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000025

Shrew: Rubble Fill at A86
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.54E-01	2.69E-02	1.60E-01	1.68E-01	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.18E-01	4.30E-02	1.60E-01	2.69E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					4.37E-01

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.20E-02	1.27E-03	5.00E+00	2.54E-04	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	5.55E-03	2.03E-03	5.00E+00	4.06E-04	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					6.60E-04

Shrew: Rubble Fill at A86
Maximu ncentration

Acenaphthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.10E-01							4.35E-02		1.00E+00	1.00E+00	4.35E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.90E-01			6.94E-02						1.00E+00	1.00E+00	6.94E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Acenaphthylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.60E+00							1.70E-01		1.00E+00	1.00E+00	1.70E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.40E-01			2.71E-01						1.00E+00	1.00E+00	2.71E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Shrew: Rubble Fill at A86
Maximum Concentration

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.10E-01	4.35E-02	3.50E+00	1.24E-02	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Food	1.90E-01	6.94E-02	3.50E+00	1.98E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					3.22E-02

Acenaphthylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E+00	1.70E-01	3.50E+00	4.85E-02	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Food	7.40E-01	2.71E-01	3.50E+00	7.73E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					1.26E-01

000028

Acetone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.10E-01							6.47E-02		1.00E+00	1.00E+00	6.47E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.82E-01			1.03E-01						1.00E+00	1.00E+00	1.03E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000029

Shrew: Rubble Fill at A86
Maximum Concentration

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.10E-01	6.47E-02	2.00E+00	3.23E-02	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	2.82E-01	1.03E-01	2.00E+00	5.16E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					8.39E-02

Aldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.30E-02							1.38E-03		1.00E+00	1.00E+00	1.38E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.01E-03			2.20E-03						1.00E+00	1.00E+00	2.20E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-02	1.38E-03	9.16E-01	1.50E-03	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	6.01E-03	2.20E-03	9.16E-01	2.40E-03	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					3.91E-03

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					0.00E+00

Shrew: Rubble Fill at A86
Maxim ncentration

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.40E+00							3.60E-01		1.00E+00	1.00E+00	3.60E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.57E+00			5.75E-01						1.00E+00	1.00E+00	5.75E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.90E+00							6.25E-01		1.00E+00	1.00E+00	6.25E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.18E+00			4.32E-01						1.00E+00	1.00E+00	4.32E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000033

Shrew: Rubble Fill at A86
Maximum Concentration

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.40E+00	3.60E-01	2.00E+01	1.80E-02	
Water	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Food	1.57E+00	5.75E-01	2.00E+01	2.88E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Total					4.68E-02

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.90E+00	6.25E-01	1.00E-02	6.25E+01	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	1.18E+00	4.32E-01	1.00E-02	4.32E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					1.06E+02

000034

Aroclor-1260	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Arsenic	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.50E+02							1.59E+01		1.00E+00	1.00E+00	1.59E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.00E+01			1.10E+01						1.00E+00	1.00E+00	1.10E+01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000035

Shrew: Rubble Fill at A86
Maximum Concentration

Aroclor-1260	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Water	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Food	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Total					0.00E+00

Arsenic	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+02	1.59E+01	5.04E-02	3.15E+02	
Water	0.00E+00	0.00E+00	5.04E-02	0.00E+00	
Food	3.00E+01	1.10E+01	5.04E-02	2.18E+02	
Inhalation					
Air	0.00E+00	0.00E+00	5.04E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.04E-02	0.00E+00	
Total					5.33E+02

Shrew: Rubble Fill at A86
Maximi ncentration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.13E+01							5.44E+00		1.00E+00	1.00E+00	5.44E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.03E+01			3.75E+00						1.00E+00	1.00E+00	3.75E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.13E+01	5.44E+00	1.01E+00	5.37E+00	
Water	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Food	1.03E+01	3.75E+00	1.01E+00	3.71E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					9.08E+00

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	1.05E+01	2.01E-05	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	9.25E-04	3.38E-04	1.05E+01	3.21E-05	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					5.22E-05

000038

Benzo(a)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E+01							1.48E+00		1.00E+00	1.00E+00	1.48E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.48E+00			2.37E+00						1.00E+00	1.00E+00	2.37E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzo(a)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.40E+01							1.48E+00		1.00E+00	1.00E+00	1.48E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.48E+00			2.37E+00						1.00E+00	1.00E+00	2.37E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

Benzo(a)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+01	1.48E+00	4.00E-01	3.71E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	6.48E+00	2.37E+00	4.00E-01	5.92E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					9.63E+00

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+01	1.48E+00	4.00E-01	3.71E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	6.48E+00	2.37E+00	4.00E-01	5.92E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					9.63E+00

Benzo(h)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.30E+01							1.38E+00		1.00E+00	1.00E+00	1.38E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.01E+00			2.20E+00						1.00E+00	1.00E+00	2.20E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzo(g,h,i)perylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.50E+00							6.89E-01		1.00E+00	1.00E+00	6.89E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.01E+00			1.10E+00						1.00E+00	1.00E+00	1.10E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E+01	1.38E+00	4.00E-01	3.45E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	6.01E+00	2.20E+00	4.00E-01	5.50E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					8.94E+00

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.50E+00	6.89E-01	4.00E-01	1.72E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	3.01E+00	1.10E+00	4.00E-01	2.75E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					4.47E+00

Shrew: Rubble Fill at A86
Maximum Concentration

Benzo(k)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.80E+01							1.91E+00		1.00E+00	1.00E+00	1.91E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.33E+00			3.05E+00						1.00E+00	1.00E+00	3.05E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzoic acid	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.90E-01							3.07E-02		1.00E+00	1.00E+00	3.07E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.34E-01			4.91E-02						1.00E+00	1.00E+00	4.91E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000043

Shrew: Rubble Fill at A86
Maximum Concentration

Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E+01	1.91E+00	4.00E-01	4.77E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	8.33E+00	3.05E+00	4.00E-01	7.61E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					1.24E+01

Benzoic acid	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.07E-02	1.60E+01	1.92E-03	
Water	0.00E+00	0.00E+00	1.60E+01	0.00E+00	
Food	1.34E-01	4.91E-02	1.60E+01	3.07E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+01	0.00E+00	
Total					4.99E-03

Beryllium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Bis(2-ethylexyl)phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.20E-01							1.27E-02		1.00E+00	1.00E+00	1.27E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.55E-02			2.03E-02						1.00E+00	1.00E+00	2.03E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000045

Shrew: Rubble Fill at A86
Maximum Concentration

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Water	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Food	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Total					0.00E+00

Bis(2-ethylexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.20E-01	1.27E-02	3.66E+00	3.48E-03	
Water	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Food	5.55E-02	2.03E-02	3.66E+00	5.55E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Total					9.02E-03

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.74E+01							1.84E+00		1.00E+00	1.00E+00	1.84E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.48E+00			1.27E+00						1.00E+00	1.00E+00	1.27E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000047

Shrew: Rubble Fill at A86
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.74E+01	1.84E+00	3.50E+00	5.27E-01	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Food	3.48E+00	1.27E+00	3.50E+00	3.64E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					8.91E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	7.16E-01	4.44E-04	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	1.39E-03	5.08E-04	7.16E-01	7.09E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					1.15E-03

000048

Shrew: Rubble Fill at A86
Maximu[illegible]ncentration

Bromomethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Butyl benzyl phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000049

Shrew: Rubble Fill at A86
Maximum Concentration

Bromomethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	2.80E-02	1.14E-02	
Water	0.00E+00	0.00E+00	2.80E-02	0.00E+00	
Food	1.39E-03	5.08E-04	2.80E-02	1.81E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-02	0.00E+00	
Total					2.95E-02

Butyl benzyl phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Water	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Food	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Total					0.00E+00

Shrew: Rubble Fill at A86
Maximu[illegible] Concentration

Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.50E+00							1.59E-01		1.00E+00	1.00E+00	1.59E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.94E-01			2.54E-01						1.00E+00	1.00E+00	2.54E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000051

Shrew: Rubble Fill at A86
Maximum Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Total					0.00E+00

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+00	1.59E-01	4.00E-01	3.98E-01	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	6.94E-01	2.54E-01	4.00E-01	6.34E-01	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					1.03E+00

000052

Carbon disulfide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Total					0.00E+00

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	5.45E-01	5.83E-04	
Water	0.00E+00	0.00E+00	5.45E-01	0.00E+00	
Food	1.39E-03	5.08E-04	5.45E-01	9.31E-04	
Inhalation					
Air	0.00E+00	0.00E+00	5.45E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.45E-01	0.00E+00	
Total					1.51E-03

000054

Chloroform	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.20E-02							2.33E-03		1.00E+00	1.00E+00	2.33E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.02E-02			3.72E-03						1.00E+00	1.00E+00	3.72E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

Chloroform	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	3.00E+00	7.07E-05	
Water	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Food	9.25E-04	3.38E-04	3.00E+00	1.13E-04	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Total					1.83E-04

Chloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.20E-02	2.33E-03	6.72E-01	3.47E-03	
Water	0.00E+00	0.00E+00	6.72E-01	0.00E+00	
Food	1.02E-02	3.72E-03	6.72E-01	5.54E-03	
Inhalation					
Air	0.00E+00	0.00E+00	6.72E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.72E-01	0.00E+00	
Total					9.01E-03

000058

Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.90E+01							3.07E+00		1.00E+00	1.00E+00	3.07E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.34E+01			4.91E+00						1.00E+00	1.00E+00	4.91E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000057

Shrew: Rubble Fill at A86
Maximum Concentration

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Total					0.00E+00

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E+01	3.07E+00	4.00E-01	7.69E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	1.34E+01	4.91E+00	4.00E-01	1.23E+01	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					2.00E+01

Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-04							3.18E-05		1.00E+00	1.00E+00	3.18E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-04			5.08E-05						1.00E+00	1.00E+00	5.08E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000059

Shrew: Rubble Fill at A86
Maximum Concentration

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-04	3.18E-05	6.00E-02	5.30E-04	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	1.39E-04	5.08E-05	6.00E-02	8.46E-04	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					1.38E-03

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Total					0.00E+00

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.43E+01							2.58E+00		1.00E+00	1.00E+00	2.58E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.52E+00			1.65E+00						1.00E+00	1.00E+00	1.65E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000061

Shrew: Rubble Fill at A86
Maximum Concentration

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.43E+01	2.58E+00	1.32E+01	1.95E-01	
Water	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Food	4.52E+00	1.65E+00	1.32E+01	1.25E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Total					3.20E-01

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Total					0.00E+00

Di-n-butylphthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

Dibenzo(a,h)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.80E+00							4.03E-01		1.00E+00	1.00E+00	4.03E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.76E+00			6.43E-01						1.00E+00	1.00E+00	6.43E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

Di-n-butylphthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Water	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Food	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Total					0.00E+00

Dibenzo(a,h)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.80E+00	4.03E-01	4.00E-01	1.01E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	1.76E+00	6.43E-01	4.00E-01	1.61E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					2.61E+00

000034

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	7.00E-02							7.42E-03		1.00E+00	1.00E+00	7.42E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.24E-02			1.18E-02						1.00E+00	1.00E+00	1.18E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	8.50E-03							9.01E-04		1.00E+00	1.00E+00	9.01E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.93E-03			1.44E-03						1.00E+00	1.00E+00	1.44E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	7.42E-03	4.00E-01	1.86E-02	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	3.24E-02	1.18E-02	4.00E-01	2.96E-02	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					4.82E-02

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.50E-03	9.01E-04	8.00E-03	1.13E-01	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	3.93E-03	1.44E-03	8.00E-03	1.80E-01	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					2.92E-01

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.90E-02							2.01E-03		1.00E+00	1.00E+00	2.01E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.79E-03			3.21E-03						1.00E+00	1.00E+00	3.21E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.90E-02	2.01E-03	3.00E-02	6.71E-02	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	8.79E-03	3.21E-03	3.00E-02	1.07E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.74E-01

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					0.00E+00

Shrew: Rubble Fill at A86
Maximu ncentration

Endrin aldehyde	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.80E-03							6.15E-04		1.00E+00	1.00E+00	6.15E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.68E-03			9.81E-04						1.00E+00	1.00E+00	9.81E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Endrin ketone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.76E-02							2.93E-03		1.00E+00	1.00E+00	2.93E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.28E-02			4.67E-03						1.00E+00	1.00E+00	4.67E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000039

Endrin aldehyde	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.80E-03	6.15E-04	3.68E-02	1.67E-02	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	2.68E-03	9.81E-04	3.68E-02	2.67E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					4.34E-02

Endrin ketone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.76E-02	2.93E-03	3.68E-02	7.95E-02	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	1.28E-02	4.67E-03	3.68E-02	1.27E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					2.06E-01

Ethylbenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.80E+01							4.03E+00		1.00E+00	1.00E+00	4.03E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.76E+01			6.43E+00						1.00E+00	1.00E+00	6.43E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000071

Shrew: Rubble Fill at A86
Maximum Concentration

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	1.63E+00	1.30E-04	
Water	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Food	9.25E-04	3.38E-04	1.63E+00	2.07E-04	
Inhalation					
Air	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Total					3.37E-04

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.80E+01	4.03E+00	2.50E+00	1.61E+00	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	1.76E+01	6.43E+00	2.50E+00	2.57E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					4.18E+00

Shrew: Rubble Fill at A86
Maximu[illegible]ncentration

Fluorene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.50E+00							1.59E-01		1.00E+00	1.00E+00	1.59E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.94E-01			2.54E-01						1.00E+00	1.00E+00	2.54E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Gamma-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	8.00E-03							8.48E-04		1.00E+00	1.00E+00	8.48E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.70E-03			1.35E-03						1.00E+00	1.00E+00	1.35E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000073

Shrew: Rubble Fill at A86
Maximum Concentration

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+00	1.59E-01	2.50E+00	6.36E-02	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	6.94E-01	2.54E-01	2.50E+00	1.02E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					1.65E-01

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-03	8.48E-04	9.16E-01	9.26E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	3.70E-03	1.35E-03	9.16E-01	1.48E-03	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					2.40E-03

C00374

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.40E-03							2.54E-04		1.00E+00	1.00E+00	2.54E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.11E-03			4.06E-04						1.00E+00	1.00E+00	4.06E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.50E-03							2.65E-04		1.00E+00	1.00E+00	2.65E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-03			4.23E-04						1.00E+00	1.00E+00	4.23E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000075

Shrew: Rubble Fill at A86
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E-03	2.54E-04	1.60E-01	1.59E-03	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.11E-03	4.06E-04	1.60E-01	2.54E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					4.13E-03

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.50E-03	2.65E-04	1.18E-06	2.24E+02	
Water	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Food	1.16E-03	4.23E-04	1.18E-06	3.57E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Total					5.81E+02

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.60E+00							7.00E-01		1.00E+00	1.00E+00	7.00E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.05E+00			1.12E+00						1.00E+00	1.00E+00	1.12E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.09E+04							2.22E+03		1.00E+00	1.00E+00	2.22E+03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.18E+03			1.53E+03						1.00E+00	1.00E+00	1.53E+03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000077

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E+00	7.00E-01	4.00E-01	1.75E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	3.05E+00	1.12E+00	4.00E-01	2.79E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					4.54E+00

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.09E+04	2.22E+03	0.00E+00	N/A	
Water	0.00E+00	0.00E+00	0.00E+00	N/A	
Food	4.18E+03	1.53E+03	0.00E+00	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	0.00E+00	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	0.00E+00	N/A	
Total					0.00E+00

000078

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.53E+01							6.92E+00		1.00E+00	1.00E+00	6.92E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.62E+01			5.92E+00						1.00E+00	1.00E+00	5.92E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.38E+02							2.52E+01		1.00E+00	1.00E+00	2.52E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.76E+01			1.74E+01						1.00E+00	1.00E+00	1.74E+01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.53E+01	6.92E+00	1.60E+00	4.33E+00	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	1.62E+01	5.92E+00	1.60E+00	3.70E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					8.03E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.38E+02	2.52E+01	1.76E+01	1.43E+00	
Water	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Food	4.76E+01	1.74E+01	1.76E+01	9.89E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					2.42E+00

Shrew: Rubble Fill at A86
Maxim· ɔncentration

Mercury	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.70E-01							1.80E-02		1.00E+00	1.00E+00	1.80E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.40E-02			1.24E-02						1.00E+00	1.00E+00	1.24E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Methoxychlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Shrew: Rubble Fill at A86
Maximum Concentration

Mercury	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.70E-01	1.80E-02	2.64E+00	6.83E-03	
Water	0.00E+00	0.00E+00	2.64E+00	0.00E+00	
Food	3.40E-02	1.24E-02	2.64E+00	4.71E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.64E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.64E+00	0.00E+00	
Total					1.15E-02

Methoxychlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Total					0.00E+00

000082

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.10E-01							1.17E-02		1.00E+00	1.00E+00	1.17E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.09E-02			1.86E-02						1.00E+00	1.00E+00	1.86E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.00E-02							5.30E-03		1.00E+00	1.00E+00	5.30E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.31E-02			8.46E-03						1.00E+00	1.00E+00	8.46E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000083

Shrew: Rubble Fill at A86
Maximum Concentration

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.10E-01	1.17E-02	1.17E+00	9.97E-03	
Water	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Food	5.09E-02	1.86E-02	1.17E+00	1.59E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Total					2.59E-02

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-02	5.30E-03	8.00E+00	6.63E-04	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.31E-02	8.46E-03	8.00E+00	1.06E-03	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					1.72E-03

000084

Nickel	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.32E+01							1.40E+00		1.00E+00	1.00E+00	1.40E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.64E+00			9.65E-01						1.00E+00	1.00E+00	9.65E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000085

Shrew: Rubble Fill at A86
Maximum Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.32E+01	1.40E+00	8.00E+00	1.75E-01	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.64E+00	9.65E-01	8.00E+00	1.21E-01	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					2.96E-01

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Total					0.00E+00

000086

Phenanthrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.10E+01							2.23E+00		1.00E+00	1.00E+00	2.23E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.72E+00			3.55E+00						1.00E+00	1.00E+00	3.55E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.30E+01							4.56E+00		1.00E+00	1.00E+00	4.56E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.99E+01			7.28E+00						1.00E+00	1.00E+00	7.28E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000087

Shrew: Rubble Fill at A86
Maximum Concentration

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.10E+01	2.23E+00	1.03E-01	2.17E+01	
Water	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Food	9.72E+00	3.55E+00	1.03E-01	3.46E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Total					5.63E+01

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.30E+01	4.56E+00	1.50E+00	3.04E+00	
Water	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Food	1.99E+01	7.28E+00	1.50E+00	4.85E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Total					7.89E+00

000088

Selenium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	9.30E-01							9.86E-02		1.00E+00	1.00E+00	9.86E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.86E-01			6.80E-02						1.00E+00	1.00E+00	6.80E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Silver	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000089

Shrew: Rubble Fill at A86
Maximum Concentration

Selenium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.30E-01	9.86E-02	3.00E-02	3.29E+00	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	1.86E-01	6.80E-02	3.00E-02	2.27E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					5.55E+00

Silver	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E+01	0.00E+00	
Total					0.00E+00

000090

Styrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Tetrachloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.00E-03							5.30E-04		1.00E+00	1.00E+00	5.30E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.31E-03			8.46E-04						1.00E+00	1.00E+00	8.46E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000061

Shrew: Rubble Fill at A86
Maximum Concentration

Styrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	4.00E+00	5.30E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	9.25E-04	3.38E-04	4.00E+00	8.46E-05	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					1.38E-04

Tetrachloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-03	5.30E-04	2.80E-01	1.89E-03	
Water	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Food	2.31E-03	8.46E-04	2.80E-01	3.02E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Total					4.91E-03

Shrew: Rubble Fill at A86
Maximum Concentration

Thallium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Toluene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000093

Shrew: Rubble Fill at A86
Maximum Concentration

Thallium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Water	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Food	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Total					0.00E+00

Toluene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	1.04E+01	3.06E-05	
Water	0.00E+00	0.00E+00	1.04E+01	0.00E+00	
Food	1.39E-03	5.08E-04	1.04E+01	4.88E-05	
Inhalation					
Air	0.00E+00	0.00E+00	1.04E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.04E+01	0.00E+00	
Total					7.94E-05

000094

Trans-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.00E-03							4.24E-04		1.00E+00	1.00E+00	4.24E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.85E-03			6.77E-04						1.00E+00	1.00E+00	6.77E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Trichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000095

Shrew: Rubble Fill at A86
Maximum Concentration

Trans-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	4.24E-04	6.00E-02	7.07E-03	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	1.85E-03	6.77E-04	6.00E-02	1.13E-02	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					1.83E-02

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	2.80E-01	7.57E-04	
Water	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Food	9.25E-04	3.38E-04	2.80E-01	1.21E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Total					1.97E-03

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.35E+01							5.67E+00		1.00E+00	1.00E+00	5.67E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.07E+01			3.91E+00						1.00E+00	1.00E+00	3.91E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	8.00E-03							8.48E-04		1.00E+00	1.00E+00	8.48E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.70E-03			1.35E-03						1.00E+00	1.00E+00	1.35E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000097

Shrew: Rubble Fill at A86
Maximum Concentration

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.35E+01	5.67E+00	8.40E-02	6.75E+01	
Water	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Food	1.07E+01	3.91E+00	8.40E-02	4.66E+01	
Inhalation					
Air	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Total					1.14E+02

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-03	8.48E-04	9.54E+01	8.89E-06	
Water	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Food	3.70E-03	1.35E-03	9.54E+01	1.42E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Total					2.31E-05

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.00E-03							5.30E-04		1.00E+00	1.00E+00	5.30E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.31E-03			8.46E-04						1.00E+00	1.00E+00	8.46E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.12E+02							4.37E+01		1.00E+00	1.00E+00	4.37E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.90E+02			6.93E+01						1.00E+00	1.00E+00	6.93E+01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-03	5.30E-04	4.12E-01	1.29E-03	
Water	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Food	2.31E-03	8.46E-04	4.12E-01	2.05E-03	
Inhalation					
Air	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Total					3.34E-03

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.12E+02	4.37E+01	3.20E+01	1.36E+00	
Water	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Food	1.90E+02	6.93E+01	3.20E+01	2.17E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Total					3.53E+00

Shrew: Rubble Fill at A86
Maximu ncentration

AREA A RUBBLE FILL

MAXIMUM EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill at A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
1,1,2,2-Tetrachloroethane	3.00E-03	0.00E+00	9.59E-09	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	6.00E-03	0.00E+00	1.16E-08	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	2.00E-03	0.00E+00	7.88E-10	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	3.00E-03	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	7.00E-02	0.00E+00	1.66E-09	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	4.50E-02	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	1.00E-01	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	6.30E-02	0.00E+00	6.54E-03	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.54E-01	0.00E+00	2.64E-02	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	1.20E-02	0.00E+00	1.93E-09	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	4.10E-01	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	1.60E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00
Acetone	6.10E-01	0.00E+00	4.58E-09	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	1.30E-02	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.40E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00
Antimony	5.90E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	1.50E+02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00
Barium	5.13E+01	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00
Benzene	2.00E-03	0.00E+00	3.52E-10	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	1.40E+01	0.00E+00	7.44E-02	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	1.40E+01	0.00E+00	1.74E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	1.30E+01	0.00E+00	6.30E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	6.50E+00	0.00E+00	1.44E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	1.80E+01	0.00E+00	1.62E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	2.90E-01	0.00E+00	2.03E-07	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	1.20E-01	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00
Boron	1.74E+01	0.00E+00	4.70E-03	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	3.00E-03	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00
Bromomethane	3.00E-03	0.00E+00	4.93E-10	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	1.50E+00	0.00E+00	3.81E-05	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill at A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	3.00E-03	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.00E-03	0.00E+00	2.43E-09	0.00E+00	0.00E+00	0.00E+00
Chloromethane	2.20E-02	0.00E+00	2.33E-09	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	2.90E+01	0.00E+00	1.54E-01	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	3.00E-04	0.00E+00	1.01E-10	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	2.43E+01	0.00E+00	7.98E-02	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	3.80E+00	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	7.00E-02	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
Dieldrin	8.50E-03	0.00E+00	1.36E-06	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	1.90E-02	0.00E+00	1.11E-06	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	5.80E-03	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	2.76E-02	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.00E-03	0.00E+00	3.68E-08	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	3.80E+01	0.00E+00	1.06E-01	0.00E+00	0.00E+00	0.00E+00
Fluorene	1.50E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	8.00E-03	0.00E+00	6.29E-08	0.00E+00	0.00E+00	0.00E+00
Heptachlor	2.40E-03	0.00E+00	7.86E-07	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	2.50E-03	0.00E+00	1.46E-07	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	6.60E+00	0.00E+00	3.93E+00	0.00E+00	0.00E+00	0.00E+00
Iron	2.09E+04	0.00E+00	1.41E+02	0.00E+00	0.00E+00	0.00E+00
Lead	6.53E+01	0.00E+00	9.69E-03	0.00E+00	0.00E+00	0.00E+00
Manganese	2.38E+02	0.00E+00	2.17E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	1.70E-01	0.00E+00	1.44E-09	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	1.10E-01	0.00E+00	2.55E-08	0.00E+00	0.00E+00	0.00E+00
Naphthalene	5.00E-02	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
Nickel	1.32E+01	0.00E+00	2.68E-02	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	2.10E+01	0.00E+00	7.90E-03	0.00E+00	0.00E+00	0.00E+00
Pyrene	4.30E+01	0.00E+00	8.49E-02	0.00E+00	0.00E+00	0.00E+00
Selenium	9.30E-01	0.00E+00	4.72E-03	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill at A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Styrene	2.00E-03	0.00E+00	3.76E-08	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	5.00E-03	0.00E+00	2.21E-08	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	3.00E-03	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	4.00E-03	0.00E+00	1.34E-09	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	2.00E-03	0.00E+00	8.84E-09	0.00E+00	0.00E+00	0.00E+00
Vanadium	5.35E+01	0.00E+00	4.52E-02	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	8.00E-03	0.00E+00	2.08E-10	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	5.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Zinc	4.12E+02	0.00E+00	2.13E+01	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			2.29E-06
1,1,2-Trichloroethane			8.19E-08
1,1-Dichloroethene			9.10E-07
1,2-Dichloroethene (total)			9.06E-07
1,4-Dichlorobenzene			0.00E+00
2-Butanone			2.18E-04
2-Methylnaphthalene			1.54E-05
3,3'-Dichlorobenzidine			3.69E-04
4,4'-DDD			0.00E+00
4,4'-DDE			7.68E-01
4,4'-DDT			3.10E+00
4-Methyl-2-pentanone			6.55E-06
Acenaphthene			3.20E-04
Acenaphthylene			1.25E-03
Acetone			8.33E-04
Aldrin			0.00E+00
Alpha-Chlordane			2.07E-04
Aluminum			0.00E+00
Anthracene			4.64E-04
Antimony			1.61E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			9.97E-02
Barium			8.41E-02
Benzene			5.18E-07
Benzo(a)anthracene			9.56E-02
Benzo(a)pyrene			9.56E-02
Benzo(b)fluoranthene			8.87E-02
Benzo(g,h,i)perylene			4.44E-02
Benzo(k)fluoranthene			1.23E-01
Benzoic acid			4.95E-05
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			7.38E-04
Boron			1.36E-02
Bromodichloromethane			1.14E-05
Bromomethane			2.93E-04
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			1.02E-02
TOTAL			6.13E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			1.50E-05
Chloroform			1.82E-06
Chloromethane			8.94E-05
Chromium			0.00E+00
Chrysene			1.98E-01
Cis-1,3-dichloropropene			1.37E-05
Cobalt			0.00E+00
Copper			4.99E-03
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			2.59E-02
Dibenzofuran			4.78E-04
Dieldrin			1.51E-04
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			1.30E-05
Endrin			0.00E+00
Endrin aldehyde			1.32E-04
Endrin ketone			6.28E-04
Ethylbenzene			3.35E-06
Fluoranthene			4.15E-03
Fluorene			1.64E-03
Gamma-Chlordane			1.28E-04
Heptachlor			4.10E-05
Heptachlor epoxide			5.76E+00
Indeno(1,2,3-Cd)pyrene			4.50E-02
Iron			N/A
Lead			1.16E-01
Manganese			3.69E-02
Mercury			9.06E-02
Methoxychlor			0.00E+00
Methylene chloride			2.57E-04
Naphthalene			1.71E-05
Nickel			1.16E-03
OCDD			0.00E+00
Phenanthrene			5.58E-01
Pyrene			7.83E-02
Selenium			1.59E-02
Silver			0.00E+00
TOTAL			6.94E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			1.37E-06
Tetrachloroethene			4.88E-05
Thallium			0.00E+00
Toluene			7.88E-07
Trans-1,3-dichloropropene			1.82E-04
Trichloroethene			1.95E-05
Vanadium			3.21E-02
Vinyl acetate			2.29E-07
Xylenes, total			3.31E-05
Zinc			4.69E-01
TOTAL			5.01E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Owl: RubbleFill at A86
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			3.59E-10
1,1,2-Trichloroethane			7.75E-12
1,1-Dichloroethene			1.76E-11
1,2-Dichloroethene (total)			1.75E-11
1,4-Dichlorobenzene			0.00E+00
2-Butanone			2.54E-10
2-Methylnaphthalene			7.11E-08
3,3'-Dichlorobenzidine			7.62E-07
4,4'-DDD			0.00E+00
4,4'-DDE			3.91E+00
4,4'-DDT			1.58E+01
4-Methyl-2-pentanone			5.15E-11
Acenaphthene			1.70E-06
Acenaphthylene			9.37E-06
Acetone			3.06E-10
Aldrin			0.00E+00
Alpha-Chlordane			1.29E-04
Aluminum			0.00E+00
Anthracene			8.36E-06
Antimony			2.67E-02
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			3.30E-03
Barium			2.09E-04
Benzene			4.47E-12
Benzo(a)anthracene			2.49E-02
Benzo(a)pyrene			5.83E-02
Benzo(b)fluoranthene			2.11E-01
Benzo(g,h,i)perylene			4.81E-01
Benzo(k)fluoranthene			5.43E-01
Benzoic acid			1.70E-09
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			9.41E-05
Boron			1.80E-04
Bromodichloromethane			5.55E-10
Bromomethane			2.36E-09
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			1.28E-05
TOTAL			2.10E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			6.64E-09
Chloroform			1.09E-10
Chloromethane			4.64E-10
Chromium			0.00E+00
Chrysene			5.15E-02
Cis-1,3-dichloropropene			2.24E-10
Cobalt			0.00E+00
Copper			8.03E-04
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			1.55E-02
Dibenzofuran			4.03E-06
Dieldrin			1.18E-06
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			3.70E-08
Endrin			0.00E+00
Endrin aldehyde			3.36E-05
Endrin ketone			1.60E-04
Ethylbenzene			3.02E-09
Fluoranthene			5.67E-04
Fluorene			1.58E-05
Gamma-Chlordane			4.91E-08
Heptachlor			6.57E-07
Heptachlor epoxide			1.65E-02
Indeno(1,2,3-Cd)pyrene			1.32E+00
Iron			N/A
Lead			8.42E-04
Manganese			1.65E-02
Mercury			3.77E-08
Methoxychlor			0.00E+00
Methylene chloride			2.92E-09
Naphthalene			2.56E-08
Nickel			1.16E-04
OCDD			0.00E+00
Phenanthrene			1.03E-02
Pyrene			7.57E-03
Selenium			3.94E-03
Silver			0.00E+00
TOTAL			1.44E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			1.26E-09
Tetrachloroethene			1.06E-08
Thallium			0.00E+00
Toluene			2.47E-10
Trans-1,3-dichloropropene			2.99E-09
Trichloroethene			4.22E-09
Vanadium			1.33E-03
Vinyl acetate			2.92E-13
Xylenes, total			4.53E-04
Zinc			1.19E+00
TOTAL			1.19E+00

Owl: RubbleFill at A86
Maximum Concentration

1,1,2,2-Tetrachloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.59E-09			6.41E-10						1.00E+00	1.00E+00	6.41E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,1,2-Trichloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.00E-03							8.19E-06		1.00E+00	1.00E+00	8.19E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-08			7.75E-10						1.00E+00	1.00E+00	7.75E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,1,2,2-Tetrachloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	1.79E+00	2.29E-06	
Water	0.00E+00	0.00E+00	1.79E+00	0.00E+00	
Food	9.59E-09	6.41E-10	1.79E+00	3.59E-10	
Inhalation					
Air	0.00E+00	0.00E+00	1.79E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.79E+00	0.00E+00	
Total					2.29E-06

1,1,2-Trichloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.00E-03	8.19E-06	1.00E+02	8.19E-08	
Water	0.00E+00	0.00E+00	1.00E+02	0.00E+00	
Food	1.16E-08	7.75E-10	1.00E+02	7.75E-12	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+02	0.00E+00	
Total					8.19E-08

1,1-Dichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.88E-10			5.27E-11						1.00E+00	1.00E+00	5.27E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,2-Dichloroethene (total)	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.18E-09			7.90E-11						1.00E+00	1.00E+00	7.90E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,1-Dichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	3.00E+00	9.10E-07	
Water	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Food	7.88E-10	5.27E-11	3.00E+00	1.76E-11	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Total					9.10E-07

1,2-Dichloroethene (total)	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	4.52E+00	9.06E-07	
Water	0.00E+00	0.00E+00	4.52E+00	0.00E+00	
Food	1.18E-09	7.90E-11	4.52E+00	1.75E-11	
Inhalation					
Air	0.00E+00	0.00E+00	4.52E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.52E+00	0.00E+00	
Total					9.06E-07

1,4-Dichlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

2-Butanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	7.00E-02							9.56E-05		1.00E+00	1.00E+00	9.56E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.66E-09			1.11E-10						1.00E+00	1.00E+00	1.11E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,4-Dichlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Water	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Total					0.00E+00

2-Butanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	9.56E-05	4.38E-01	2.18E-04	
Water	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Food	1.66E-09	1.11E-10	4.38E-01	2.54E-10	
Inhalation					
Air	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Total					2.18E-04

2-Methylnaphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.50E-02							6.14E-05		1.00E+00	1.00E+00	6.14E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.25E-06			2.84E-07						1.00E+00	1.00E+00	2.84E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

3,3'-Dichlorobenzidine	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.00E-01							1.37E-04		1.00E+00	1.00E+00	1.37E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.21E-06			2.82E-07						1.00E+00	1.00E+00	2.82E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

2-Methylnaphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.50E-02	6.14E-05	4.00E+00	1.54E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	4.25E-06	2.84E-07	4.00E+00	7.11E-08	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					1.54E-05

3,3'-Dichlorobenzidine	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.00E-01	1.37E-04	3.70E-01	3.69E-04	
Water	0.00E+00	0.00E+00	3.70E-01	0.00E+00	
Food	4.21E-06	2.82E-07	3.70E-01	7.62E-07	
Inhalation					
Air	0.00E+00	0.00E+00	3.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.70E-01	0.00E+00	
Total					3.70E-04

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.30E-02							8.60E-05		1.00E+00	1.00E+00	8.60E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.54E-03			4.38E-04						1.00E+00	1.00E+00	4.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					0.00E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.30E-02	8.60E-05	1.12E-04	7.68E-01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	6.54E-03	4.38E-04	1.12E-04	3.91E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					4.68E+00

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.54E-01							3.47E-04		1.00E+00	1.00E+00	3.47E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.64E-02			1.76E-03						1.00E+00	1.00E+00	1.76E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.20E-02							1.64E-05		1.00E+00	1.00E+00	1.64E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.93E-09			1.29E-10						1.00E+00	1.00E+00	1.29E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.54E-01	3.47E-04	1.12E-04	3.10E+00	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	2.64E-02	1.76E-03	1.12E-04	1.58E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					1.88E+01

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.20E-02	1.64E-05	2.50E+00	6.55E-06	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	1.93E-09	1.29E-10	2.50E+00	5.15E-11	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					6.55E-06

Acenaphthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.10E-01							5.60E-04		1.00E+00	1.00E+00	5.60E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.45E-05			2.98E-06						1.00E+00	1.00E+00	2.98E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Acenaphthylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.60E+00							2.18E-03		1.00E+00	1.00E+00	2.18E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.45E-04			1.64E-05						1.00E+00	1.00E+00	1.64E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Owl: Rubble86
Maximum Concentration

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.10E-01	5.60E-04	1.75E+00	3.20E-04	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	4.45E-05	2.98E-06	1.75E+00	1.70E-06	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					3.22E-04

Acenaphthylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E+00	2.18E-03	1.75E+00	1.25E-03	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	2.45E-04	1.64E-05	1.75E+00	9.37E-06	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					1.26E-03

Acetone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.10E-01							8.33E-04		1.00E+00	1.00E+00	8.33E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.58E-09			3.06E-10						1.00E+00	1.00E+00	3.06E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000029

Owl: Rubble86
Maximum Concentration

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.10E-01	8.33E-04	1.00E+00	8.33E-04	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	4.58E-09	3.06E-10	1.00E+00	3.06E-10	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Total					8.33E-04

Aldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.30E-02							1.77E-05		1.00E+00	1.00E+00	1.77E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.66E-04			1.11E-05						1.00E+00	1.00E+00	1.11E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000031

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E-02	1.77E-05	8.56E-02	2.07E-04	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	1.66E-04	1.11E-05	8.56E-02	1.29E-04	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					3.37E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Total					0.00E+00

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.40E+00							4.64E-03		1.00E+00	1.00E+00	4.64E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.25E-03			8.36E-05						1.00E+00	1.00E+00	8.36E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.90E+00							8.05E-03		1.00E+00	1.00E+00	8.05E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.99E-03			1.33E-04						1.00E+00	1.00E+00	1.33E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.40E+00	4.64E-03	1.00E+01	4.64E-04	
Water	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Food	1.25E-03	8.36E-05	1.00E+01	8.36E-06	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					4.72E-04

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.90E+00	8.05E-03	5.00E-03	1.61E+00	
Water	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Food	1.99E-03	1.33E-04	5.00E-03	2.67E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Total					1.64E+00

Aroclor-1260	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Arsenic	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.50E+02							2.05E-01		1.00E+00	1.00E+00	2.05E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.01E-01			6.78E-03						1.00E+00	1.00E+00	6.78E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1260	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Water	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Food	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Total					0.00E+00

Arsenic	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+02	2.05E-01	2.05E+00	9.97E-02	
Water	0.00E+00	0.00E+00	2.05E+00	0.00E+00	
Food	1.01E-01	6.78E-03	2.05E+00	3.30E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.05E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.05E+00	0.00E+00	
Total					1.03E-01

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.13E+01							7.00E-02		1.00E+00	1.00E+00	7.00E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.60E-03			1.74E-04						1.00E+00	1.00E+00	1.74E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.52E-10			2.36E-11						1.00E+00	1.00E+00	2.36E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Owl: Rubble86
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.13E+01	7.00E-02	8.33E-01	8.41E-02	
Water	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Food	2.60E-03	1.74E-04	8.33E-01	2.09E-04	
Inhalation					
Air	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Total					8.43E-02

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	5.27E+00	5.18E-07	
Water	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Food	3.52E-10	2.36E-11	5.27E+00	4.47E-12	
Inhalation					
Air	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Total					5.18E-07

Benzo(a)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E+01							1.91E-02		1.00E+00	1.00E+00	1.91E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.44E-02			4.98E-03						1.00E+00	1.00E+00	4.98E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzo(a)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.40E+01							1.91E-02		1.00E+00	1.00E+00	1.91E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.74E-01			1.17E-02						1.00E+00	1.00E+00	1.17E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Owl: Rubble86
Maximum Concentration

Benzo(a)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+01	1.91E-02	2.00E-01	9.56E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	7.44E-02	4.98E-03	2.00E-01	2.49E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.20E-01

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+01	1.91E-02	2.00E-01	9.56E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.74E-01	1.17E-02	2.00E-01	5.83E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.54E-01

Benzo(b)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.30E+01							1.77E-02		1.00E+00	1.00E+00	1.77E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.30E-01			4.21E-02						1.00E+00	1.00E+00	4.21E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzo(g,h,i)perylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.50E+00							8.87E-03		1.00E+00	1.00E+00	8.87E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.44E+00			9.63E-02						1.00E+00	1.00E+00	9.63E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

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Owl: Rubble86
Maximum Concentration

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E+01	1.77E-02	2.00E-01	8.87E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	6.30E-01	4.21E-02	2.00E-01	2.11E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					2.99E-01

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.50E+00	8.87E-03	2.00E-01	4.44E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.44E+00	9.63E-02	2.00E-01	4.81E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					5.26E-01

Benzo(k)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.80E+01							2.46E-02		1.00E+00	1.00E+00	2.46E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.62E+00			1.09E-01						1.00E+00	1.00E+00	1.09E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzoic acid	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.90E-01							3.96E-04		1.00E+00	1.00E+00	3.96E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.03E-07			1.36E-08						1.00E+00	1.00E+00	1.36E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Owl: Rubble86
Maximum Concentration

Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E+01	2.46E-02	2.00E-01	1.23E-01	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.62E+00	1.09E-01	2.00E-01	5.43E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					6.66E-01

Benzoic acid	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.96E-04	8.00E+00	4.95E-05	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.03E-07	1.36E-08	8.00E+00	1.70E-09	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					4.95E-05

Beryllium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Bis(2-ethylexyl)phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.20E-01							1.64E-04		1.00E+00	1.00E+00	1.64E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.12E-04			2.09E-05						1.00E+00	1.00E+00	2.09E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Food	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Total					0.00E+00

Bis(2-ethylexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.20E-01	1.64E-04	2.22E-01	7.38E-04	
Water	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Food	3.12E-04	2.09E-05	2.22E-01	9.41E-05	
Inhalation					
Air	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Total					8.32E-04

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Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.74E+01							2.38E-02		1.00E+00	1.00E+00	2.38E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.70E-03			3.15E-04						1.00E+00	1.00E+00	3.15E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.97E-09			1.99E-10						1.00E+00	1.00E+00	1.99E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Owl: Rubble86
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.74E+01	2.38E-02	1.75E+00	1.36E-02	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	4.70E-03	3.15E-04	1.75E+00	1.80E-04	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					1.38E-02

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	3.58E-01	1.14E-05	
Water	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Food	2.97E-09	1.99E-10	3.58E-01	5.55E-10	
Inhalation					
Air	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Total					1.14E-05

Bromomethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.93E-10			3.30E-11						1.00E+00	1.00E+00	3.30E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Butyl benzyl phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Bromomethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	1.40E-02	2.93E-04	
Water	0.00E+00	0.00E+00	1.40E-02	0.00E+00	
Food	4.93E-10	3.30E-11	1.40E-02	2.36E-09	
Inhalation					
Air	0.00E+00	0.00E+00	1.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.40E-02	0.00E+00	
Total					2.93E-04

Butyl benzyl phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Total					0.00E+00

Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.50E+00							2.05E-03		1.00E+00	1.00E+00	2.05E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.81E-05			2.55E-06						1.00E+00	1.00E+00	2.55E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Total					0.00E+00

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+00	2.05E-03	2.00E-01	1.02E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	3.81E-05	2.55E-06	2.00E-01	1.28E-05	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.03E-02

Carbon disulfide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.71E-08			1.81E-09						1.00E+00	1.00E+00	1.81E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000053

Owl: Rubble Fill at 86
Maximum Concentration

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Total					0.00E+00

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	2.73E-01	1.50E-05	
Water	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Food	2.71E-08	1.81E-09	2.73E-01	6.64E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Total					1.50E-05

Chloroform	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.43E-09			1.63E-10						1.00E+00	1.00E+00	1.63E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.20E-02							3.00E-05		1.00E+00	1.00E+00	3.00E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.33E-09			1.56E-10						1.00E+00	1.00E+00	1.56E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chloroform	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	1.50E+00	1.82E-06	
Water	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Food	2.43E-09	1.63E-10	1.50E+00	1.09E-10	
Inhalation					
Air	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Total					1.82E-06

Chloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.20E-02	3.00E-05	3.36E-01	8.94E-05	
Water	0.00E+00	0.00E+00	3.36E-01	0.00E+00	
Food	2.33E-09	1.56E-10	3.36E-01	4.64E-10	
Inhalation					
Air	0.00E+00	0.00E+00	3.36E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.36E-01	0.00E+00	
Total					8.94E-05

000056

Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.90E+01							3.96E-02		1.00E+00	1.00E+00	3.96E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.54E-01			1.03E-02						1.00E+00	1.00E+00	1.03E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000037

Owl: Rubble Fill at 86
Maximum Concentration

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					0.00E+00

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E+01	3.96E-02	2.00E-01	1.98E-01	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.54E-01	1.03E-02	2.00E-01	5.15E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					2.49E-01

Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-04							4.10E-07		1.00E+00	1.00E+00	4.10E-07
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.01E-10			6.73E-12						1.00E+00	1.00E+00	6.73E-12
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-04	4.10E-07	3.00E-02	1.37E-05	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	1.01E-10	6.73E-12	3.00E-02	2.24E-10	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.37E-05

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					0.00E+00

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.43E+01							3.32E-02		1.00E+00	1.00E+00	3.32E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.98E-02			5.34E-03						1.00E+00	1.00E+00	5.34E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000081

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.43E+01	3.32E-02	6.64E+00	4.99E-03	
Water	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Food	7.98E-02	5.34E-03	6.64E+00	8.03E-04	
Inhalation					
Air	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Total					5.80E-03

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Total					0.00E+00

Di-n-butylphthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

Dibenzo(a,h)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.80E+00							5.19E-03		1.00E+00	1.00E+00	5.19E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.63E-02			3.09E-03						1.00E+00	1.00E+00	3.09E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000063

Di-n-butylphthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Water	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Food	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Total					0.00E+00

Dibenzo(a,h)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.80E+00	5.19E-03	2.00E-01	2.59E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	4.63E-02	3.09E-03	2.00E-01	1.55E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					4.14E-02

000064

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	7.00E-02							9.56E-05		1.00E+00	1.00E+00	9.56E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.20E-05			8.05E-07						1.00E+00	1.00E+00	8.05E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	8.50E-03							1.16E-05		1.00E+00	1.00E+00	1.16E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.36E-06			9.12E-08						1.00E+00	1.00E+00	9.12E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	9.56E-05	2.00E-01	4.78E-04	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.20E-05	8.05E-07	2.00E-01	4.03E-06	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					4.82E-04

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.50E-03	1.16E-05	7.70E-02	1.51E-04	
Water	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Food	1.36E-06	9.12E-08	7.70E-02	1.18E-06	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Total					1.52E-04

000066

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.90E-02							2.59E-05		1.00E+00	1.00E+00	2.59E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.11E-06			7.40E-08						1.00E+00	1.00E+00	7.40E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000087

Owl: Rubble Fill at 86
Maximum Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.90E-02	2.59E-05	2.00E+00	1.30E-05	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	1.11E-06	7.40E-08	2.00E+00	3.70E-08	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					1.30E-05

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

000068

Endrin aldehyde	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.80E-03							7.92E-06		1.00E+00	1.00E+00	7.92E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.01E-05			2.01E-06						1.00E+00	1.00E+00	2.01E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Endrin ketone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.76E-02							3.77E-05		1.00E+00	1.00E+00	3.77E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.43E-04			9.59E-06						1.00E+00	1.00E+00	9.59E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000059

Endrin aldehyde	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.80E-03	7.92E-06	6.00E-02	1.32E-04	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	3.01E-05	2.01E-06	6.00E-02	3.36E-05	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					1.66E-04

Endrin ketone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.76E-02	3.77E-05	6.00E-02	6.28E-04	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	1.43E-04	9.59E-06	6.00E-02	1.60E-04	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					7.88E-04

000070

Owl: Rubble Fill at 86
Maximu[illegible] [illegible]oncentration

Ethylbenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.68E-08			2.46E-09						1.00E+00	1.00E+00	2.46E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.80E+01							5.19E-02		1.00E+00	1.00E+00	5.19E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.06E-01			7.09E-03						1.00E+00	1.00E+00	7.09E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000071

Owl: Rubble Fill at 86
Maximum Concentration

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	8.16E-01	3.35E-06	
Water	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Food	3.68E-08	2.46E-09	8.16E-01	3.02E-09	
Inhalation					
Air	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Total					3.35E-06

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.80E+01	5.19E-02	1.25E+01	4.15E-03	
Water	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Food	1.06E-01	7.09E-03	1.25E+01	5.67E-04	
Inhalation					
Air	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Total					4.72E-03

Fluorene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.50E+00							2.05E-03		1.00E+00	1.00E+00	2.05E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.96E-04			1.98E-05						1.00E+00	1.00E+00	1.98E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Gamma-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	8.00E-03							1.09E-05		1.00E+00	1.00E+00	1.09E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.29E-08			4.21E-09						1.00E+00	1.00E+00	4.21E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000073

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+00	2.05E-03	1.25E+00	1.64E-03	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	2.96E-04	1.98E-05	1.25E+00	1.58E-05	
Inhalation					
Air	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Total					1.65E-03

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-03	1.09E-05	8.56E-02	1.28E-04	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	6.29E-08	4.21E-09	8.56E-02	4.91E-08	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					1.28E-04

000074

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.40E-03							3.28E-06		1.00E+00	1.00E+00	3.28E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.86E-07			5.26E-08						1.00E+00	1.00E+00	5.26E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.50E-03							3.41E-06		1.00E+00	1.00E+00	3.41E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.46E-07			9.74E-09						1.00E+00	1.00E+00	9.74E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000075

Owl: Rubble Fill at 86
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E-03	3.28E-06	8.00E-02	4.10E-05	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	7.86E-07	5.26E-08	8.00E-02	6.57E-07	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Total					4.16E-05

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.50E-03	3.41E-06	5.92E-07	5.76E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	1.46E-07	9.74E-09	5.92E-07	1.65E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Total					5.78E+00

000078

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.60E+00							9.01E-03		1.00E+00	1.00E+00	9.01E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.93E+00			2.63E-01						1.00E+00	1.00E+00	2.63E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.09E+04							2.85E+01		1.00E+00	1.00E+00	2.85E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.41E+02			9.45E+00						1.00E+00	1.00E+00	9.45E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000077

Owl: Rubble Fill at 86
Maximum Concentration

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.60E+00	9.01E-03	2.00E-01	4.50E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	3.93E+00	2.63E-01	2.00E-01	1.32E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.36E+00

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.09E+04	2.85E+01	0.00E+00	N/A	
Water	0.00E+00	0.00E+00	0.00E+00	N/A	
Food	1.41E+02	9.45E+00	0.00E+00	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	0.00E+00	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	0.00E+00	N/A	
Total					0.00E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.53E+01							8.91E-02		1.00E+00	1.00E+00	8.91E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.69E-03			6.48E-04						1.00E+00	1.00E+00	6.48E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.38E+02							3.25E-01		1.00E+00	1.00E+00	3.25E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.17E+00			1.45E-01						1.00E+00	1.00E+00	1.45E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000079

Owl: Rubble Fill at 86
Maximum Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.53E+01	8.91E-02	7.70E-01	1.16E-01	
Water	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Food	9.69E-03	6.48E-04	7.70E-01	8.42E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Total					1.17E-01

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.38E+02	3.25E-01	8.80E+00	3.69E-02	
Water	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Food	2.17E+00	1.45E-01	8.80E+00	1.65E-02	
Inhalation					
Air	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Total					5.34E-02

Mercury	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.70E-01							2.32E-04		1.00E+00	1.00E+00	2.32E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.44E-09			9.65E-11						1.00E+00	1.00E+00	9.65E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Methoxychlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000081

Mercury	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.70E-01	2.32E-04	2.56E-03	9.06E-02	
Water	0.00E+00	0.00E+00	2.56E-03	0.00E+00	
Food	1.44E-09	9.65E-11	2.56E-03	3.77E-08	
Inhalation					
Air	0.00E+00	0.00E+00	2.56E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.56E-03	0.00E+00	
Total					9.06E-02

Methoxychlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

000082

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.10E-01							1.50E-04		1.00E+00	1.00E+00	1.50E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.55E-08			1.71E-09						1.00E+00	1.00E+00	1.71E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.00E-02							6.83E-05		1.00E+00	1.00E+00	6.83E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.53E-06			1.02E-07						1.00E+00	1.00E+00	1.02E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000083

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.10E-01	1.50E-04	5.85E-01	2.57E-04	
Water	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Food	2.55E-08	1.71E-09	5.85E-01	2.92E-09	
Inhalation					
Air	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Total					2.57E-04

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-02	6.83E-05	4.00E+00	1.71E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	1.53E-06	1.02E-07	4.00E+00	2.56E-08	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					1.71E-05

Nickel	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.32E+01							1.80E-02		1.00E+00	1.00E+00	1.80E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.68E-02			1.79E-03						1.00E+00	1.00E+00	1.79E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000085

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.32E+01	1.80E-02	1.55E+01	1.16E-03	
Water	0.00E+00	0.00E+00	1.55E+01	0.00E+00	
Food	2.68E-02	1.79E-03	1.55E+01	1.16E-04	
Inhalation					
Air	0.00E+00	0.00E+00	1.55E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.55E+01	0.00E+00	
Total					1.28E-03

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Water	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Food	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Total					0.00E+00

980000

Phenanthrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.10E+01							2.87E-02		1.00E+00	1.00E+00	2.87E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.90E-03			5.28E-04						1.00E+00	1.00E+00	5.28E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.30E+01							5.87E-02		1.00E+00	1.00E+00	5.87E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.49E-02			5.68E-03						1.00E+00	1.00E+00	5.68E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000087

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.10E+01	2.87E-02	5.13E-02	5.58E-01	
Water	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Food	7.90E-03	5.28E-04	5.13E-02	1.03E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Total					5.69E-01

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.30E+01	5.87E-02	7.50E-01	7.83E-02	
Water	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Food	8.49E-02	5.68E-03	7.50E-01	7.57E-03	
Inhalation					
Air	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Total					8.58E-02

000088

Selenium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	9.30E-01							1.27E-03		1.00E+00	1.00E+00	1.27E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.72E-03			3.15E-04						1.00E+00	1.00E+00	3.15E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Silver	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Selenium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.30E-01	1.27E-03	8.00E-02	1.59E-02	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	4.72E-03	3.15E-04	8.00E-02	3.94E-03	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Total					1.98E-02

Silver	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.40E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.40E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.40E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.40E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.40E+01	0.00E+00	
Total					0.00E+00

000096

Styrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.76E-08			2.51E-09						1.00E+00	1.00E+00	2.51E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Tetrachloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.00E-03							6.83E-06		1.00E+00	1.00E+00	6.83E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.21E-08			1.48E-09						1.00E+00	1.00E+00	1.48E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000091

Styrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	2.00E+00	1.37E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	3.76E-08	2.51E-09	2.00E+00	1.26E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					1.37E-06

Tetrachloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-03	6.83E-06	1.40E-01	4.88E-05	
Water	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Food	2.21E-08	1.48E-09	1.40E-01	1.06E-08	
Inhalation					
Air	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Total					4.88E-05

Thallium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Toluene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.92E-08			1.28E-09						1.00E+00	1.00E+00	1.28E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000093

Thallium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Water	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Food	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Total					0.00E+00

Toluene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	5.20E+00	7.88E-07	
Water	0.00E+00	0.00E+00	5.20E+00	0.00E+00	
Food	1.92E-08	1.28E-09	5.20E+00	2.47E-10	
Inhalation					
Air	0.00E+00	0.00E+00	5.20E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.20E+00	0.00E+00	
Total					7.88E-07

Trans-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.00E-03							5.46E-06		1.00E+00	1.00E+00	5.46E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.34E-09			8.97E-11						1.00E+00	1.00E+00	8.97E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Trichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.84E-09			5.91E-10						1.00E+00	1.00E+00	5.91E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000095

Trans-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	5.46E-06	3.00E-02	1.82E-04	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	1.34E-09	8.97E-11	3.00E-02	2.99E-09	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.82E-04

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	1.40E-01	1.95E-05	
Water	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Food	8.84E-09	5.91E-10	1.40E-01	4.22E-09	
Inhalation					
Air	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Total					1.95E-05

000096

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.35E+01							7.30E-02		1.00E+00	1.00E+00	7.30E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.52E-02			3.02E-03						1.00E+00	1.00E+00	3.02E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	8.00E-03							1.09E-05		1.00E+00	1.00E+00	1.09E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.08E-10			1.39E-11						1.00E+00	1.00E+00	1.39E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000097

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.35E+01	7.30E-02	2.28E+00	3.21E-02	
Water	0.00E+00	0.00E+00	2.28E+00	0.00E+00	
Food	4.52E-02	3.02E-03	2.28E+00	1.33E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.28E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.28E+00	0.00E+00	
Total					3.34E-02

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-03	1.09E-05	4.77E+01	2.29E-07	
Water	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Food	2.08E-10	1.39E-11	4.77E+01	2.92E-13	
Inhalation					
Air	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Total					2.29E-07

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.00E-03							6.83E-06		1.00E+00	1.00E+00	6.83E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			9.33E-05						1.00E+00	1.00E+00	9.33E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.12E+02							5.62E-01		1.00E+00	1.00E+00	5.62E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.13E+01			1.43E+00						1.00E+00	1.00E+00	1.43E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000089

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-03	6.83E-06	2.06E-01	3.31E-05	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	1.39E-03	9.33E-05	2.06E-01	4.53E-04	
Inhalation					
Air	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Total					4.86E-04

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.12E+02	5.62E-01	1.20E+00	4.69E-01	
Water	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Food	2.13E+01	1.43E+00	1.20E+00	1.19E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Total					1.66E+00

RUBBLE FILL AREA AT BUNKER A86

AVERAGE EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A RUBBLE FILL

AVERAGE EXPOSURE PT CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)

Rubble Fill Area at Bunker A86

Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
1,1,2,2-Tetrachloroethane	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	5.81E-03	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	1.15E-02	0.00E+00	5.30E-03	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	4.50E-02	0.00E+00	2.08E-02	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	1.00E-01	0.00E+00	4.63E-02	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	3.79E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.07E-01	0.00E+00	4.94E-02	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	6.96E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	4.10E-01	0.00E+00	1.90E-01	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	5.16E-01	0.00E+00	2.39E-01	0.00E+00	0.00E+00	0.00E+00
Acetone	5.72E-02	0.00E+00	2.65E-02	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	5.35E-03	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	8.80E-01	0.00E+00	4.07E-01	0.00E+00	0.00E+00	0.00E+00
Antimony	5.36E+00	0.00E+00	1.07E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	4.25E+01	0.00E+00	8.50E+00	0.00E+00	0.00E+00	0.00E+00
Barium	4.23E+01	0.00E+00	8.46E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	4.25E+00	0.00E+00	1.97E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	4.53E+00	0.00E+00	2.09E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	4.68E+00	0.00E+00	2.17E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	2.27E+00	0.00E+00	1.05E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	5.13E+00	0.00E+00	2.37E+00	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	2.90E-01	0.00E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	1.20E-01	0.00E+00	5.55E-02	0.00E+00	0.00E+00	0.00E+00
Boron	8.31E+00	0.00E+00	1.66E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Bromomethane	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	5.91E-01	0.00E+00	2.73E-01	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill Area at Bunker A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Chloromethane	8.23E-03	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	7.03E+00	0.00E+00	3.25E+00	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	5.58E-03	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	1.81E+01	0.00E+00	3.37E+00	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	1.29E+00	0.00E+00	5.96E-01	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	7.00E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	0.00E+00
Dieldrin	8.30E-03	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	1.26E-02	0.00E+00	5.81E-03	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	5.80E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	2.76E-03	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	1.11E+01	0.00E+00	5.12E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	4.05E-01	0.00E+00	1.87E-01	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	4.88E-03	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00
Heptachlor	2.40E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	2.50E-03	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	2.24E+00	0.00E+00	1.04E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	5.02E+01	0.00E+00	1.24E+01	0.00E+00	0.00E+00	0.00E+00
Manganese	1.89E+02	0.00E+00	3.78E+01	0.00E+00	0.00E+00	0.00E+00
Mercury	7.02E-02	0.00E+00	1.40E-02	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	1.31E-02	0.00E+00	6.05E-03	0.00E+00	0.00E+00	0.00E+00
Naphthalene	5.00E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	0.00E+00
Nickel	1.31E+01	0.00E+00	2.62E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	5.63E+00	0.00E+00	2.61E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	1.26E+01	0.00E+00	5.83E+00	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Shrew: Rubble86
Average Concentration

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L) Rubble Fill Area at Bunker A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Styrene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	3.81E-03	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	3.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	4.00E-03	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	2.00E-03	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00
Vanadium	3.71E+01	0.00E+00	7.42E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	6.65E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	5.00E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00
Zinc	1.10E+02	0.00E+00	5.06E+01	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			8.90E-05
1,1,2-Trichloroethane			3.08E-06
1,1-Dichloroethene			3.53E-05
1,2-Dichloroethene (total)			3.52E-05
1,4-Dichlorobenzene			0.00E+00
2-Butanone			1.39E-03
2-Methylnaphthalene			5.96E-04
3,3'-Dichlorobenzidine			1.43E-02
4,4'-DDD			0.00E+00
4,4'-DDE			2.51E-02
4,4'-DDT			7.08E-02
4-Methyl-2-pentanone			1.48E-04
Acenaphthene			1.24E-02
Acenaphthylene			1.56E-02
Acetone			3.03E-03
Aldrin			0.00E+00
Alpha-Chlordane			6.19E-04
Aluminum			0.00E+00
Anthracene			4.66E-03
Antimony			5.68E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			8.94E+01
Barium			4.43E+00
Benzene			2.01E-05
Benzo(a)anthracene			1.13E+00
Benzo(a)pyrene			1.20E+00
Benzo(b)fluoranthene			1.24E+00
Benzo(g,h,i)perylene			6.01E-01
Benzo(k)fluoranthene			1.36E+00
Benzoic acid			1.92E-03
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			3.48E-03
Boron			2.52E-01
Bromodichloromethane			4.44E-04
Bromomethane			1.14E-02
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			1.57E-01
TOTAL			1.57E+02

Shrew: Rubble 86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AREA AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			5.83E-04
Chloroform			7.07E-05
Chloromethane			1.30E-03
Chromium			0.00E+00
Chrysene			1.86E+00
Cis-1,3-dichloropropene			9.85E-03
Cobalt			0.00E+00
Copper			1.45E-01
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			3.41E-01
Dibenzofuran			1.86E-02
Dieldrin			1.10E-01
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			4.44E-02
Endrin			0.00E+00
Endrin aldehyde			1.67E-02
Endrin ketone			7.95E-03
Ethylbenzene			1.30E-04
Fluoranthene			4.69E-01
Fluorene			1.72E-02
Gamma-Chlordane			5.64E-04
Heptachlor			1.59E-03
Heptachlor epoxide			2.24E+02
Indeno(1,2,3-Cd)pyrene			5.94E-01
Iron			N/A
Lead			3.33E+00
Manganese			1.14E+00
Mercury			2.82E-03
Methoxychlor			0.00E+00
Methylene chloride			1.18E-03
Naphthalene			6.63E-04
Nickel			1.74E-01
OCDD			0.00E+00
Phenanthrene			5.82E+00
Pyrene			8.90E-01
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			2.39E+02

Shrew: Rubble86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			5.30E-05
Tetrachloroethene			1.44E-03
Thallium			0.00E+00
Toluene			3.06E-05
Trans-1,3-dichloropropene			7.07E-03
Trichloroethene			7.57E-04
Vanadium			4.68E+01
Vinyl acetate			7.39E-06
Xylenes, total			1.29E-03
Zinc			3.64E-01
TOTAL			4.72E+01

Shrew: Rubble86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			0.00E+00

Shrew: Rubble 86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AREA AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			0.00E+00

Shrew: Rubble86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Shrew: Rubble86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			1.42E-04
1,1,2-Trichloroethane			4.91E-06
1,1-Dichloroethene			5.64E-05
1,2-Dichloroethene (total)			5.61E-05
1,4-Dichlorobenzene			0.00E+00
2-Butanone			2.21E-03
2-Methylnaphthalene			9.52E-04
3,3'-Dichlorobenzidine			2.29E-02
4,4'-DDD			0.00E+00
4,4'-DDE			4.01E-02
4,4'-DDT			1.13E-01
4-Methyl-2-pentanone			2.36E-04
Acenaphthene			1.98E-02
Acenaphthylene			2.49E-02
Acetone			4.84E-03
Aldrin			0.00E+00
Alpha-Chlordane			9.88E-04
Aluminum			0.00E+00
Anthracene			7.45E-03
Antimony			3.92E+01
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			6.17E+01
Barium			3.06E+00
Benzene			3.21E-05
Benzo(a)anthracene			1.80E+00
Benzo(a)pyrene			1.92E+00
Benzo(b)fluoranthene			1.98E+00
Benzo(g,h,i)perylene			9.59E-01
Benzo(k)fluoranthene			2.17E+00
Benzoic acid			3.07E-03
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			5.55E-03
Boron			1.74E-01
Bromodichloromethane			7.09E-04
Bromomethane			1.81E-02
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			2.50E-01
TOTAL			1.13E+02

Shrew: Rubble 86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AREA AT A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			9.31E-04
Chloroform			1.13E-04
Chloromethane			2.07E-03
Chromium			0.00E+00
Chrysene			2.97E+00
Cis-1,3-dichloropropene			1.57E-02
Cobalt			0.00E+00
Copper			9.33E-02
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			5.45E-01
Dibenzofuran			2.96E-02
Dieldrin			1.75E-01
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			7.08E-02
Endrin			0.00E+00
Endrin aldehyde			2.67E-02
Endrin ketone			1.27E-02
Ethylbenzene			2.07E-04
Fluoranthene			7.48E-01
Fluorene			2.74E-02
Gamma-Chlordane			9.00E-04
Heptachlor			2.54E-03
Heptachlor epoxide			3.57E+02
Indeno(1,2,3-Cd)pyrene			9.48E-01
Iron			N/A
Lead			2.85E+00
Manganese			7.85E-01
Mercury			1.94E-03
Methoxychlor			0.00E+00
Methylene chloride			1.89E-03
Naphthalene			1.06E-03
Nickel			1.20E-01
OCDD			0.00E+00
Phenanthrene			9.28E+00
Pyrene			1.42E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.77E+02

Shrew: Rubble86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: SHORT-TAIL SHREW

CHEMICAL			HAZARD QUOTIENT
Styrene			8.46E-05
Tetrachloroethene			2.30E-03
Thallium			0.00E+00
Toluene			4.88E-05
Trans-1,3-dichloropropene			1.13E-02
Trichloroethene			1.21E-03
Vanadium			3.23E+01
Vinyl acetate			1.18E-05
Xylenes, total			2.05E-03
Zinc			5.78E-01
TOTAL			3.29E+01

Shrew: Rubble86
Average Concentration

1,1,2,2-Tetrachloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,1,2-Trichloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.81E-03							6.16E-04		1.00E+00	1.00E+00	6.16E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.69E-03			9.83E-04						1.00E+00	1.00E+00	9.83E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Shrew: Rubble 86
Average Concentration

1,1,2,2-Tetrachloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	3.57E+00	8.90E-05	
Water	0.00E+00	0.00E+00	3.57E+00	0.00E+00	
Food	1.39E-03	5.08E-04	3.57E+00	1.42E-04	
Inhalation					
Air	0.00E+00	0.00E+00	3.57E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.57E+00	0.00E+00	
Total					2.31E-04

1,1,2-Trichloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.81E-03	6.16E-04	2.00E+02	3.08E-06	
Water	0.00E+00	0.00E+00	2.00E+02	0.00E+00	
Food	2.69E-03	9.83E-04	2.00E+02	4.91E-06	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+02	0.00E+00	
Total					7.99E-06

1,1-Dichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,2-Dichloroethene (total)	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000017

Shrew: Rubble 86
Average Concentration

1,1-Dichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	6.00E+00	3.53E-05	
Water	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Food	9.25E-04	3.38E-04	6.00E+00	5.64E-05	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Total					9.17E-05

1,2-Dichloroethene (total)	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	9.04E+00	3.52E-05	
Water	0.00E+00	0.00E+00	9.04E+00	0.00E+00	
Food	1.39E-03	5.08E-04	9.04E+00	5.61E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.04E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.04E+00	0.00E+00	
Total					9.13E-05

1,4-Dichlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

2-Butanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.15E-02							1.21E-03		1.00E+00	1.00E+00	1.21E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.30E-03			1.94E-03						1.00E+00	1.00E+00	1.94E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000019

Shrew: Rubble 86
Average Concentration

1,4-Dichlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.71E+01	0.00E+00	
Total					0.00E+00

2-Butanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.15E-02	1.21E-03	8.76E-01	1.39E-03	
Water	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Food	5.30E-03	1.94E-03	8.76E-01	2.21E-03	
Inhalation					
Air	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Total					3.60E-03

Shrew: Rubble 86
Averag ncentration

2-Methylnaphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.50E-02							4.77E-03		1.00E+00	1.00E+00	4.77E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.08E-02			7.61E-03						1.00E+00	1.00E+00	7.61E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

3,3'-Dichlorobenzidine	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.00E-01							1.06E-02		1.00E+00	1.00E+00	1.06E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.63E-02			1.69E-02						1.00E+00	1.00E+00	1.69E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000021

Shrew: Rubble 86
Average Concentration

2-Methylnaphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.50E-02	4.77E-03	8.00E+00	5.96E-04	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.08E-02	7.61E-03	8.00E+00	9.52E-04	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					1.55E-03

3,3'-Dichlorobenzidine	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.00E-01	1.06E-02	7.40E-01	1.43E-02	
Water	0.00E+00	0.00E+00	7.40E-01	0.00E+00	
Food	4.63E-02	1.69E-02	7.40E-01	2.29E-02	
Inhalation					
Air	0.00E+00	0.00E+00	7.40E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.40E-01	0.00E+00	
Total					3.72E-02

000022

Shrew: Rubble 86
Averag' ncentration

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.79E-02							4.02E-03		1.00E+00	1.00E+00	4.02E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.75E-02			6.41E-03						1.00E+00	1.00E+00	6.41E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Shrew: Rubble 86
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					0.00E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.79E-02	4.02E-03	1.60E-01	2.51E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.75E-02	6.41E-03	1.60E-01	4.01E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					6.52E-02

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.07E-01							1.13E-02		1.00E+00	1.00E+00	1.13E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.94E-02			1.81E-02						1.00E+00	1.00E+00	1.81E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.96E-03							7.38E-04		1.00E+00	1.00E+00	7.38E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.22E-03			1.18E-03						1.00E+00	1.00E+00	1.18E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000025

Shrew: Rubble 86
Average Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.07E-01	1.13E-02	1.60E-01	7.08E-02	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	4.94E-02	1.81E-02	1.60E-01	1.13E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					1.84E-01

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.96E-03	7.38E-04	5.00E+00	1.48E-04	
Water	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Food	3.22E-03	1.18E-03	5.00E+00	2.36E-04	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E+00	0.00E+00	
Total					3.83E-04

Acenaphthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.10E-01							4.35E-02		1.00E+00	1.00E+00	4.35E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.90E-01			6.94E-02						1.00E+00	1.00E+00	6.94E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Acenaphthylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.16E-01							5.47E-02		1.00E+00	1.00E+00	5.47E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.39E-01			8.73E-02						1.00E+00	1.00E+00	8.73E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Shrew: Rubble 86
Average Concentration

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.10E-01	4.35E-02	3.50E+00	1.24E-02	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Food	1.90E-01	6.94E-02	3.50E+00	1.98E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					3.22E-02

Acenaphthylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.16E-01	5.47E-02	3.50E+00	1.56E-02	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Food	2.39E-01	8.73E-02	3.50E+00	2.49E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					4.06E-02

Acetone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.72E-02							6.06E-03		1.00E+00	1.00E+00	6.06E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.65E-02			9.68E-03						1.00E+00	1.00E+00	9.68E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Shrew: Rubble 86
Average Concentration

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.72E-02	6.06E-03	2.00E+00	3.03E-03	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	2.65E-02	9.68E-03	2.00E+00	4.84E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					7.87E-03

Aldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-02	0.00E+00	
Total					0.00E+00

Shrew: Rubble 86
Averag ncentration

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.35E-03							5.67E-04		1.00E+00	1.00E+00	5.67E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.48E-03			9.05E-04						1.00E+00	1.00E+00	9.05E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

Shrew: Rubble 86
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.35E-03	5.67E-04	9.16E-01	6.19E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	2.48E-03	9.05E-04	9.16E-01	9.88E-04	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					1.61E-03

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					0.00E+00

Shrew: Rubble 86
Averag[illegible]ncentration

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	8.80E-01							9.33E-02		1.00E+00	1.00E+00	9.33E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.07E-01			1.49E-01						1.00E+00	1.00E+00	1.49E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.36E+00							5.68E-01		1.00E+00	1.00E+00	5.68E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.07E+00			3.92E-01						1.00E+00	1.00E+00	3.92E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.80E-01	9.33E-02	2.00E+01	4.66E-03	
Water	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Food	4.07E-01	1.49E-01	2.00E+01	7.45E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+01	0.00E+00	
Total					1.21E-02

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.36E+00	5.68E-01	1.00E-02	5.68E+01	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	1.07E+00	3.92E-01	1.00E-02	3.92E+01	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					9.60E+01

Aroclor-1260	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Arsenic	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.25E+01							4.51E+00		1.00E+00	1.00E+00	4.51E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.50E+00			3.11E+00						1.00E+00	1.00E+00	3.11E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000035

Aroclor-1260	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Water	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Food	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.40E-02	0.00E+00	
Total					0.00E+00

Arsenic	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.25E+01	4.51E+00	5.04E-02	8.94E+01	
Water	0.00E+00	0.00E+00	5.04E-02	0.00E+00	
Food	8.50E+00	3.11E+00	5.04E-02	6.17E+01	
Inhalation					
Air	0.00E+00	0.00E+00	5.04E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.04E-02	0.00E+00	
Total					1.51E+02

Shrew: Rubble 86
Average ›centration

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.23E+01							4.48E+00		1.00E+00	1.00E+00	4.48E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.46E+00			3.09E+00						1.00E+00	1.00E+00	3.09E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000037

Shrew: Rubble 86
Average Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.23E+01	4.48E+00	1.01E+00	4.43E+00	
Water	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Food	8.46E+00	3.09E+00	1.01E+00	3.06E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Total					7.49E+00

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	1.05E+01	2.01E-05	
Water	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Food	9.25E-04	3.38E-04	1.05E+01	3.21E-05	
Inhalation					
Air	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.05E+01	0.00E+00	
Total					5.22E-05

Shrew: Rubble 86
Averag[illegible]centration

Benzo(a)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.25E+00							4.51E-01		1.00E+00	1.00E+00	4.51E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.97E+00			7.19E-01						1.00E+00	1.00E+00	7.19E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzo(a)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.53E+00							4.80E-01		1.00E+00	1.00E+00	4.80E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.09E+00			7.66E-01						1.00E+00	1.00E+00	7.66E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000039

Shrew: Rubble 86
Average Concentration

Benzo(a)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.25E+00	4.51E-01	4.00E-01	1.13E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	1.97E+00	7.19E-01	4.00E-01	1.80E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					2.93E+00

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.53E+00	4.80E-01	4.00E-01	1.20E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	2.09E+00	7.66E-01	4.00E-01	1.92E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					3.12E+00

000040

Benzo(b)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.68E+00							4.96E-01		1.00E+00	1.00E+00	4.96E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.17E+00			7.92E-01						1.00E+00	1.00E+00	7.92E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzo(g,h,i)perylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.27E+00							2.40E-01		1.00E+00	1.00E+00	2.40E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.05E+00			3.84E-01						1.00E+00	1.00E+00	3.84E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000041

Shrew: Rubble 86
Average Concentration

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.68E+00	4.96E-01	4.00E-01	1.24E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	2.17E+00	7.92E-01	4.00E-01	1.98E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					3.22E+00

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.27E+00	2.40E-01	4.00E-01	6.01E-01	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	1.05E+00	3.84E-01	4.00E-01	9.59E-01	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					1.56E+00

Benzo(k)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.13E+00							5.44E-01		1.00E+00	1.00E+00	5.44E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.37E+00			8.68E-01						1.00E+00	1.00E+00	8.68E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzoic acid	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.90E-01							3.07E-02		1.00E+00	1.00E+00	3.07E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.34E-01			4.91E-02						1.00E+00	1.00E+00	4.91E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000043

Shrew: Rubble 86
Average Concentration

Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.13E+00	5.44E-01	4.00E-01	1.36E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	2.37E+00	8.68E-01	4.00E-01	2.17E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					3.53E+00

Benzoic acid	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.07E-02	1.60E+01	1.92E-03	
Water	0.00E+00	0.00E+00	1.60E+01	0.00E+00	
Food	1.34E-01	4.91E-02	1.60E+01	3.07E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+01	0.00E+00	
Total					4.99E-03

Beryllium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Bis(2-ethylexyl)phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.20E-01							1.27E-02		1.00E+00	1.00E+00	1.27E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.55E-02			2.03E-02						1.00E+00	1.00E+00	2.03E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000045

Shrew: Rubble 86
Average Concentration

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Water	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Food	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.64E-02	0.00E+00	
Total					0.00E+00

Bis(2-ethylexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.20E-01	1.27E-02	3.66E+00	3.48E-03	
Water	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Food	5.55E-02	2.03E-02	3.66E+00	5.55E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Total					9.02E-03

000046

Shrew: Rubble 86
Averag centration

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	8.31E+00							8.81E-01		1.00E+00	1.00E+00	8.81E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.66E+00			6.08E-01						1.00E+00	1.00E+00	6.08E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000047

Shrew: Rubble 86
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.31E+00	8.81E-01	3.50E+00	2.52E-01	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Food	1.66E+00	6.08E-01	3.50E+00	1.74E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
Total					4.25E-01

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	7.16E-01	4.44E-04	
Water	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Food	1.39E-03	5.08E-04	7.16E-01	7.09E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.16E-01	0.00E+00	
Total					1.15E-03

000048

Shrew: Rubble 86
Averag[illegible]ncentration

Bromomethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Butyl benzyl phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000049

Shrew: Rubble 86
Average Concentration

Bromomethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	2.80E-02	1.14E-02	
Water	0.00E+00	0.00E+00	2.80E-02	0.00E+00	
Food	1.39E-03	5.08E-04	2.80E-02	1.81E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-02	0.00E+00	
Total					2.95E-02

Butyl benzyl phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Water	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Food	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.18E+00	0.00E+00	
Total					0.00E+00

Shrew: Rubble 86
Averag centration

Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.91E-01							6.26E-02		1.00E+00	1.00E+00	6.26E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.73E-01			9.99E-02						1.00E+00	1.00E+00	9.99E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Shrew: Rubble 86
Average Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.01E-01	0.00E+00	
Total					0.00E+00

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.91E-01	6.26E-02	4.00E-01	1.57E-01	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	2.73E-01	9.99E-02	4.00E-01	2.50E-01	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					4.06E-01

000052

Carbon disulfide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000053

Shrew: Rubble86
Average Concentration

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.20E+00	0.00E+00	
Total					0.00E+00

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	5.45E-01	5.83E-04	
Water	0.00E+00	0.00E+00	5.45E-01	0.00E+00	
Food	1.39E-03	5.08E-04	5.45E-01	9.31E-04	
Inhalation					
Air	0.00E+00	0.00E+00	5.45E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.45E-01	0.00E+00	
Total					1.51E-03

000054

Shrew: Rubble86
Average centration

Chloroform	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	8.23E-03							8.72E-04		1.00E+00	1.00E+00	8.72E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.81E-03			1.39E-03						1.00E+00	1.00E+00	1.39E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000055

Shrew: Rubble86
Average Concentration

Chloroform	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	3.00E+00	7.07E-05	
Water	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Food	9.25E-04	3.38E-04	3.00E+00	1.13E-04	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Total					1.83E-04

Chloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.23E-03	8.72E-04	6.72E-01	1.30E-03	
Water	0.00E+00	0.00E+00	6.72E-01	0.00E+00	
Food	3.81E-03	1.39E-03	6.72E-01	2.07E-03	
Inhalation					
Air	0.00E+00	0.00E+00	6.72E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.72E-01	0.00E+00	
Total					3.37E-03

Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	7.03E+00							7.45E-01		1.00E+00	1.00E+00	7.45E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.25E+00			1.19E+00						1.00E+00	1.00E+00	1.19E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000057

Shrew: Rubble86
Average Concentration

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.84E-01	0.00E+00	
Total					0.00E+00

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.03E+00	7.45E-01	4.00E-01	1.86E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	3.25E+00	1.19E+00	4.00E-01	2.97E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					4.84E+00

Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.58E-03							5.91E-04		1.00E+00	1.00E+00	5.91E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.58E-03			9.44E-04						1.00E+00	1.00E+00	9.44E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000059

Shrew: Rubble86
Average Concentration

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.58E-03	5.91E-04	6.00E-02	9.85E-03	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	2.58E-03	9.44E-04	6.00E-02	1.57E-02	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					2.56E-02

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Total					0.00E+00

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.81E+01							1.92E+00		1.00E+00	1.00E+00	1.92E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.37E+00			1.23E+00						1.00E+00	1.00E+00	1.23E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000061

Shrew: Rubble86
Average Concentration

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.81E+01	1.92E+00	1.32E+01	1.45E-01	
Water	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Food	3.37E+00	1.23E+00	1.32E+01	9.33E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E+01	0.00E+00	
Total					2.39E-01

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.75E+00	0.00E+00	
Total					0.00E+00

Di-n-butylphthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

Dibenzo(a,h)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.29E+00							1.36E-01		1.00E+00	1.00E+00	1.36E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.96E-01			2.18E-01						1.00E+00	1.00E+00	2.18E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000093

Shrew: Rubble86
Average Concentration

Di-n-butylphthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Water	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Food	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Total					0.00E+00

Dibenzo(a,h)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.29E+00	1.36E-01	4.00E-01	3.41E-01	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	5.96E-01	2.18E-01	4.00E-01	5.45E-01	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					8.86E-01

Shrew: Rubble86
Averag[illegible]centration

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	7.00E-02							7.42E-03		1.00E+00	1.00E+00	7.42E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.24E-02			1.18E-02						1.00E+00	1.00E+00	1.18E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	8.30E-03							8.79E-04		1.00E+00	1.00E+00	8.79E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.84E-03			1.40E-03						1.00E+00	1.00E+00	1.40E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000065

Shrew: Rubble86
Average Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	7.42E-03	4.00E-01	1.86E-02	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	3.24E-02	1.18E-02	4.00E-01	2.96E-02	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					4.82E-02

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.30E-03	8.79E-04	8.00E-03	1.10E-01	
Water	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Food	3.84E-03	1.40E-03	8.00E-03	1.75E-01	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-03	0.00E+00	
Total					2.85E-01

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.26E-02							1.33E-03		1.00E+00	1.00E+00	1.33E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.81E-03			2.12E-03						1.00E+00	1.00E+00	2.12E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000067

Shrew: Rubble86
Average Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.26E-02	1.33E-03	3.00E-02	4.44E-02	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	5.81E-03	2.12E-03	3.00E-02	7.08E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.15E-01

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					0.00E+00

000068

Endrin aldehyde	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.80E-03							6.15E-04		1.00E+00	1.00E+00	6.15E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.68E-03			9.81E-04						1.00E+00	1.00E+00	9.81E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Endrin ketone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.76E-03							2.93E-04		1.00E+00	1.00E+00	2.93E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.28E-03			4.67E-04						1.00E+00	1.00E+00	4.67E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Endrin aldehyde	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.80E-03	6.15E-04	3.68E-02	1.67E-02	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	2.68E-03	9.81E-04	3.68E-02	2.67E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					4.34E-02

Endrin ketone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.76E-03	2.93E-04	3.68E-02	7.95E-03	
Water	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Food	1.28E-03	4.67E-04	3.68E-02	1.27E-02	
Inhalation					
Air	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.68E-02	0.00E+00	
Total					2.06E-02

Shrew: Rubble86
Averag' ncentration

Ethylbenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.11E+01							1.17E+00		1.00E+00	1.00E+00	1.17E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.12E+00			1.87E+00						1.00E+00	1.00E+00	1.87E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000071

Shrew: Rubble86
Average Concentration

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	1.63E+00	1.30E-04	
Water	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Food	9.25E-04	3.38E-04	1.63E+00	2.07E-04	
Inhalation					
Air	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.63E+00	0.00E+00	
Total					3.37E-04

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.11E+01	1.17E+00	2.50E+00	4.69E-01	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	5.12E+00	1.87E+00	2.50E+00	7.48E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					1.22E+00

Shrew: Rubble86
Averag ncentration

Fluorene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.05E-01							4.29E-02		1.00E+00	1.00E+00	4.29E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.87E-01			6.85E-02						1.00E+00	1.00E+00	6.85E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Gamma-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.88E-03							5.17E-04		1.00E+00	1.00E+00	5.17E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.26E-03			8.25E-04						1.00E+00	1.00E+00	8.25E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Shrew: Rubble86
Average Concentration

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.05E-01	4.29E-02	2.50E+00	1.72E-02	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	1.87E-01	6.85E-02	2.50E+00	2.74E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					4.46E-02

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.88E-03	5.17E-04	9.16E-01	5.64E-04	
Water	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Food	2.26E-03	8.25E-04	9.16E-01	9.00E-04	
Inhalation					
Air	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.16E-01	0.00E+00	
Total					1.46E-03

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.40E-03							2.54E-04		1.00E+00	1.00E+00	2.54E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.11E-03			4.06E-04						1.00E+00	1.00E+00	4.06E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.50E-03							2.65E-04		1.00E+00	1.00E+00	2.65E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-03			4.23E-04						1.00E+00	1.00E+00	4.23E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000075

Shrew: Rubble86
Average Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E-03	2.54E-04	1.60E-01	1.59E-03	
Water	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Food	1.11E-03	4.06E-04	1.60E-01	2.54E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E-01	0.00E+00	
Total					4.13E-03

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.50E-03	2.65E-04	1.18E-06	2.24E+02	
Water	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Food	1.16E-03	4.23E-04	1.18E-06	3.57E+02	
Inhalation					
Air	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.18E-06	0.00E+00	
Total					5.81E+02

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.24E+00							2.38E-01		1.00E+00	1.00E+00	2.38E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.04E+00			3.79E-01						1.00E+00	1.00E+00	3.79E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000077

Shrew: Rubble86
Average Concentration

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.24E+00	2.38E-01	4.00E-01	5.94E-01	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	1.04E+00	3.79E-01	4.00E-01	9.48E-01	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					1.54E+00

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	0.00E+00	N/A	
Water	0.00E+00	0.00E+00	0.00E+00	N/A	
Food	0.00E+00	0.00E+00	0.00E+00	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	0.00E+00	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	0.00E+00	N/A	
Total					0.00E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.02E+01							5.32E+00		1.00E+00	1.00E+00	5.32E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.24E+01			4.55E+00						1.00E+00	1.00E+00	4.55E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.89E+02							2.00E+01		1.00E+00	1.00E+00	2.00E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.78E+01			1.38E+01						1.00E+00	1.00E+00	1.38E+01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000079

Shrew: Rubble86
Average Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.02E+01	5.32E+00	1.60E+00	3.33E+00	
Water	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Food	1.24E+01	4.55E+00	1.60E+00	2.85E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.60E+00	0.00E+00	
Total					6.17E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.89E+02	2.00E+01	1.76E+01	1.14E+00	
Water	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Food	3.78E+01	1.38E+01	1.76E+01	7.85E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.76E+01	0.00E+00	
Total					1.92E+00

Shrew: Rubble86
Averag centration

Mercury	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	7.02E-02							7.44E-03		1.00E+00	1.00E+00	7.44E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.40E-02			5.13E-03						1.00E+00	1.00E+00	5.13E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Methoxychlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000081

Shrew: Rubble86
Average Concentration

Mercury	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.02E-02	7.44E-03	2.64E+00	2.82E-03	
Water	0.00E+00	0.00E+00	2.64E+00	0.00E+00	
Food	1.40E-02	5.13E-03	2.64E+00	1.94E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.64E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.64E+00	0.00E+00	
Total					4.76E-03

Methoxychlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-01	0.00E+00	
Total					0.00E+00

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.31E-02							1.39E-03		1.00E+00	1.00E+00	1.39E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.05E-03			2.21E-03						1.00E+00	1.00E+00	2.21E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.00E-02							5.30E-03		1.00E+00	1.00E+00	5.30E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.31E-02			8.46E-03						1.00E+00	1.00E+00	8.46E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000083

Shrew: Rubble86
Average Concentration

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.31E-02	1.39E-03	1.17E+00	1.18E-03	
Water	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Food	6.05E-03	2.21E-03	1.17E+00	1.89E-03	
Inhalation					
Air	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
Total					3.08E-03

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-02	5.30E-03	8.00E+00	6.63E-04	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.31E-02	8.46E-03	8.00E+00	1.06E-03	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					1.72E-03

Nickel	Predicted Concent.	Weight kg	From Food mg/day	Intakc from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.31E+01							1.39E+00		1.00E+00	1.00E+00	1.39E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.62E+00			9.58E-01						1.00E+00	1.00E+00	9.58E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000085

Shrew: Rubble86
Average Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.31E+01	1.39E+00	8.00E+00	1.74E-01	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.62E+00	9.58E-01	8.00E+00	1.20E-01	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					2.93E-01

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Total					0.00E+00

000086

Phenanthrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.63E+00							5.97E-01		1.00E+00	1.00E+00	5.97E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.61E+00			9.53E-01						1.00E+00	1.00E+00	9.53E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.26E+01							1.34E+00		1.00E+00	1.00E+00	1.34E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.83E+00			2.13E+00						1.00E+00	1.00E+00	2.13E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000087

Shrew: Rubble86
Average Concentration

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.63E+00	5.97E-01	1.03E-01	5.82E+00	
Water	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Food	2.61E+00	9.53E-01	1.03E-01	9.28E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.03E-01	0.00E+00	
Total					1.51E+01

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.26E+01	1.34E+00	1.50E+00	8.90E-01	
Water	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Food	5.83E+00	2.13E+00	1.50E+00	1.42E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Total					2.31E+00

Styrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Tetrachloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.81E-03							4.04E-04		1.00E+00	1.00E+00	4.04E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.76E-03			6.44E-04						1.00E+00	1.00E+00	6.44E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000089

Shrew: Rubble86
Average Concentration

Styrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	4.00E+00	5.30E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	9.25E-04	3.38E-04	4.00E+00	8.46E-05	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					1.38E-04

Tetrachloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.81E-03	4.04E-04	2.80E-01	1.44E-03	
Water	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Food	1.76E-03	6.44E-04	2.80E-01	2.30E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Total					3.74E-03

Shrew: Rubble86
Averag[illegible]centration

Thallium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Toluene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.00E-03							3.18E-04		1.00E+00	1.00E+00	3.18E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			5.08E-04						1.00E+00	1.00E+00	5.08E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000091

Shrew: Rubble86
Average Concentration

Thallium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Water	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Food	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.96E-03	0.00E+00	
Total					0.00E+00

Toluene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.18E-04	1.04E+01	3.06E-05	
Water	0.00E+00	0.00E+00	1.04E+01	0.00E+00	
Food	1.39E-03	5.08E-04	1.04E+01	4.88E-05	
Inhalation					
Air	0.00E+00	0.00E+00	1.04E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.04E+01	0.00E+00	
Total					7.94E-05

Shrew: Rubble86
Average Concentration

Trans-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	4.00E-03							4.24E-04		1.00E+00	1.00E+00	4.24E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.85E-03			6.77E-04						1.00E+00	1.00E+00	6.77E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Trichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	2.00E-03							2.12E-04		1.00E+00	1.00E+00	2.12E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.25E-04			3.38E-04						1.00E+00	1.00E+00	3.38E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000093

Shrew: Rubble86
Average Concentration

Trans-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	4.24E-04	6.00E-02	7.07E-03	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	1.85E-03	6.77E-04	6.00E-02	1.13E-02	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					1.83E-02

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.12E-04	2.80E-01	7.57E-04	
Water	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Food	9.25E-04	3.38E-04	2.80E-01	1.21E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-01	0.00E+00	
Total					1.97E-03

000094

Shrew: Rubble86
Average [illegible]centration

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	3.71E+01							3.93E+00		1.00E+00	1.00E+00	3.93E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.42E+00			2.71E+00						1.00E+00	1.00E+00	2.71E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	6.65E-03							7.05E-04		1.00E+00	1.00E+00	7.05E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.08E-03			1.13E-03						1.00E+00	1.00E+00	1.13E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000095

Shrew: Rubble86
Average Concentration

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.71E+01	3.93E+00	8.40E-02	4.68E+01	
Water	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Food	7.42E+00	2.71E+00	8.40E-02	3.23E+01	
Inhalation					
Air	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.40E-02	0.00E+00	
Total					7.91E+01

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.65E-03	7.05E-04	9.54E+01	7.39E-06	
Water	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Food	3.08E-03	1.13E-03	9.54E+01	1.18E-05	
Inhalation					
Air	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.54E+01	0.00E+00	
Total					1.92E-05

Shrew: Rubble86
Average [illegible]centration

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	5.00E-03							5.30E-04		1.00E+00	1.00E+00	5.30E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.31E-03			8.46E-04						1.00E+00	1.00E+00	8.46E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.50E-02	7.95E+03									
Soil	1.10E+02							1.17E+01		1.00E+00	1.00E+00	1.17E+01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.06E+01			1.85E+01						1.00E+00	1.00E+00	1.85E+01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000097

Shrew: Rubble86
Average Concentration

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-03	5.30E-04	4.12E-01	1.29E-03	
Water	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Food	2.31E-03	8.46E-04	4.12E-01	2.05E-03	
Inhalation					
Air	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.12E-01	0.00E+00	
Total					3.34E-03

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.10E+02	1.17E+01	3.20E+01	3.64E-01	
Water	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Food	5.06E+01	1.85E+01	3.20E+01	5.78E-01	
Inhalation					
Air	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.20E+01	0.00E+00	
Total					9.43E-01

AREA A RUBBLE FILL

AVERAGE EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media (mg/kg except air, which is ng/m3)

Rubble Fill Area at Bunker A86

Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
1,1,2,2-Tetrachloroethane	3.00E-03	0.00E+00	9.59E-09	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	5.81E-03	0.00E+00	1.12E-08	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethene	2.00E-03	0.00E+00	7.88E-10	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloroethene (total)	3.00E-03	0.00E+00	1.18E-09	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	1.15E-02	0.00E+00	2.72E-10	0.00E+00	0.00E+00	0.00E+00
2-Methylnaphthalene	4.50E-02	0.00E+00	4.25E-06	0.00E+00	0.00E+00	0.00E+00
3,3'-Dichlorobenzidine	1.00E-01	0.00E+00	4.21E-06	0.00E+00	0.00E+00	0.00E+00
4,4'-DDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	3.79E-02	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.07E-01	0.00E+00	1.11E-02	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	6.96E-03	0.00E+00	1.12E-09	0.00E+00	0.00E+00	0.00E+00
Acenaphthene	4.10E-01	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00
Acenaphthylene	5.16E-01	0.00E+00	7.91E-05	0.00E+00	0.00E+00	0.00E+00
Acetone	5.72E-02	0.00E+00	4.29E-10	0.00E+00	0.00E+00	0.00E+00
Aldrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Alpha-Chlordane	5.35E-03	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Anthracene	8.80E-01	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00
Antimony	5.36E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00
Aroclor-1248	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1254	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aroclor-1260	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Arsenic	4.25E+01	0.00E+00	2.87E-02	0.00E+00	0.00E+00	0.00E+00
Barium	4.23E+01	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00
Benzene	2.00E-03	0.00E+00	3.52E-10	0.00E+00	0.00E+00	0.00E+00
Benzo(a)anthracene	4.25E+00	0.00E+00	2.26E-02	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	4.53E+00	0.00E+00	5.64E-02	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	4.68E+00	0.00E+00	2.27E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	2.27E+00	0.00E+00	5.02E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	5.13E+00	0.00E+00	4.63E-01	0.00E+00	0.00E+00	0.00E+00
Benzoic acid	2.90E-01	0.00E+00	2.03E-07	0.00E+00	0.00E+00	0.00E+00
Beryllium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bis(2-ethylexyl)phthalate	1.20E-01	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00
Boron	8.31E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	3.00E-03	0.00E+00	2.97E-09	0.00E+00	0.00E+00	0.00E+00
Bromomethane	3.00E-03	0.00E+00	4.93E-10	0.00E+00	0.00E+00	0.00E+00
Butyl benzyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cadmium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbazole	5.91E-01	0.00E+00	1.50E-05	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill Area at Bunker A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Carbon disulfide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chlorobenzene	3.00E-03	0.00E+00	2.71E-08	0.00E+00	0.00E+00	0.00E+00
Chloroform	2.00E-03	0.00E+00	2.43E-09	0.00E+00	0.00E+00	0.00E+00
Chloromethane	8.23E-03	0.00E+00	8.73E-10	0.00E+00	0.00E+00	0.00E+00
Chromium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chrysene	7.03E+00	0.00E+00	3.74E-02	0.00E+00	0.00E+00	0.00E+00
Cis-1,3-dichloropropene	5.58E-03	0.00E+00	1.87E-09	0.00E+00	0.00E+00	0.00E+00
Cobalt	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	1.81E+01	0.00E+00	5.94E-02	0.00E+00	0.00E+00	0.00E+00
Cyanide	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-n-butylphthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibenzo(a,h)anthracene	1.29E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00
Dibenzofuran	7.00E-02	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00
Dieldrin	8.30E-03	0.00E+00	1.33E-06	0.00E+00	0.00E+00	0.00E+00
Diethyl phthalate	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan ii	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endosulfan sulfate	1.26E-02	0.00E+00	7.31E-07	0.00E+00	0.00E+00	0.00E+00
Endrin	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Endrin aldehyde	5.80E-03	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00
Endrin ketone	2.76E-03	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	2.00E-03	0.00E+00	3.68E-08	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	1.11E+01	0.00E+00	3.08E-02	0.00E+00	0.00E+00	0.00E+00
Fluorene	4.05E-01	0.00E+00	7.99E-05	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	4.88E-03	0.00E+00	3.83E-08	0.00E+00	0.00E+00	0.00E+00
Heptachlor	2.40E-03	0.00E+00	7.86E-07	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	2.50E-03	0.00E+00	1.46E-07	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	2.24E+00	0.00E+00	1.34E+00	0.00E+00	0.00E+00	0.00E+00
Iron	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Lead	5.02E+01	0.00E+00	7.45E-03	0.00E+00	0.00E+00	0.00E+00
Manganese	1.89E+02	0.00E+00	1.72E+00	0.00E+00	0.00E+00	0.00E+00
Mercury	7.02E-02	0.00E+00	5.96E-10	0.00E+00	0.00E+00	0.00E+00
Methoxychlor	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	1.31E-02	0.00E+00	3.03E-09	0.00E+00	0.00E+00	0.00E+00
Naphthalene	5.00E-02	0.00E+00	1.53E-06	0.00E+00	0.00E+00	0.00E+00
Nickel	1.31E+01	0.00E+00	2.66E-02	0.00E+00	0.00E+00	0.00E+00
OCDD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	5.63E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00
Pyrene	1.26E+01	0.00E+00	2.49E-02	0.00E+00	0.00E+00	0.00E+00
Selenium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Silver	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Predicted Chemical Concentration by Media (mg/kg) except air (ng/m3) and water (mg/L)						
Rubble Fill Area at Bunker A86						
Chemical	Ingestion				Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	Soil
Styrene	2.00E-03	0.00E+00	3.76E-08	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	3.81E-03	0.00E+00	1.68E-08	0.00E+00	0.00E+00	0.00E+00
Thallium	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	3.00E-03	0.00E+00	1.92E-08	0.00E+00	0.00E+00	0.00E+00
Trans-1,3-dichloropropene	4.00E-03	0.00E+00	1.34E-09	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	2.00E-03	0.00E+00	8.84E-09	0.00E+00	0.00E+00	0.00E+00
Vanadium	3.71E+01	0.00E+00	3.13E-02	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	6.65E-03	0.00E+00	1.73E-10	0.00E+00	0.00E+00	0.00E+00
Xylenes, total	5.00E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00
Zinc	1.10E+02	0.00E+00	5.69E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			2.29E-06
1,1,2-Trichloroethane			7.93E-08
1,1-Dichloroethene			9.10E-07
1,2-Dichloroethene (total)			9.06E-07
1,4-Dichlorobenzene			0.00E+00
2-Butanone			3.57E-05
2-Methylnaphthalene			1.54E-05
3,3'-Dichlorobenzidine			3.69E-04
4,4'-DDD			0.00E+00
4,4'-DDE			4.62E-01
4,4'-DDT			1.30E+00
4-Methyl-2-pentanone			3.80E-06
Acenaphthene			3.20E-04
Acenaphthylene			4.03E-04
Acetone			7.81E-05
Aldrin			0.00E+00
Alpha-Chlordane			8.53E-05
Aluminum			0.00E+00
Anthracene			1.20E-04
Antimony			1.46E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			2.82E-02
Barium			6.93E-02
Benzene			5.18E-07
Benzo(a)anthracene			2.90E-02
Benzo(a)pyrene			3.09E-02
Benzo(b)fluoranthene			3.20E-02
Benzo(g,h,i)perylene			1.55E-02
Benzo(k)fluoranthene			3.50E-02
Benzoic acid			4.95E-05
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			7.38E-04
Boron			6.48E-03
Bromodichloromethane			1.14E-05
Bromomethane			2.93E-04
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			4.03E-03
TOTAL			3.48E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			1.50E-05
Chloroform			1.82E-06
Chloromethane			3.34E-05
Chromium			0.00E+00
Chrysene			4.80E-02
Cis-1,3-dichloropropene			2.54E-04
Cobalt			0.00E+00
Copper			3.72E-03
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			8.79E-03
Dibenzofuran			4.78E-04
Dieldrin			1.47E-04
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			8.57E-06
Endrin			0.00E+00
Endrin aldehyde			1.32E-04
Endrin ketone			6.28E-05
Ethylbenzene			3.35E-06
Fluoranthene			1.21E-03
Fluorene			4.42E-04
Gamma-Chlordane			7.77E-05
Heptachlor			4.10E-05
Heptachlor epoxide			5.76E+00
Indeno(1,2,3-Cd)pyrene			1.53E-02
Iron			N/A
Lead			8.90E-02
Manganese			2.93E-02
Mercury			3.74E-02
Methoxychlor			0.00E+00
Methylene chloride			3.05E-05
Naphthalene			1.71E-05
Nickel			1.16E-03
OCDD			0.00E+00
Phenanthrene			1.50E-01
Pyrene			2.29E-02
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			6.17E+00

Owl: Rubble 86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			1.37E-06
Tetrachloroethene			3.71E-05
Thallium			0.00E+00
Toluene			7.88E-07
Trans-1,3-dichloropropene			1.82E-04
Trichloroethene			1.95E-05
Vanadium			2.23E-02
Vinyl acetate			1.90E-07
Xylenes, total			3.31E-05
Zinc			1.25E-01
TOTAL			1.48E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			0.00E+00
1,1,2-Trichloroethane			0.00E+00
1,1-Dichloroethene			0.00E+00
1,2-Dichloroethene (total)			0.00E+00
1,4-Dichlorobenzene			0.00E+00
2-Butanone			0.00E+00
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			0.00E+00
4,4'-DDE			0.00E+00
4,4'-DDT			0.00E+00
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			0.00E+00
Acenaphthylene			0.00E+00
Acetone			0.00E+00
Aldrin			0.00E+00
Alpha-Chlordane			0.00E+00
Aluminum			0.00E+00
Anthracene			0.00E+00
Antimony			0.00E+00
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			0.00E+00
Barium			0.00E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			0.00E+00
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			0.00E+00
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			0.00E+00
TOTAL			0.00E+00

Owl: Rubble86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium.			0.00E+00
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			0.00E+00
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			0.00E+00
Dieldrin			0.00E+00
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			0.00E+00
Endrin			0.00E+00
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			0.00E+00
Heptachlor			0.00E+00
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			0.00E+00
Naphthalene			0.00E+00
Nickel			0.00E+00
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			0.00E+00
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			0.00E+00

Owl: Rubble 86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			0.00E+00
Tetrachloroethene			0.00E+00
Thallium			0.00E+00
Toluene			0.00E+00
Trans-1,3-dichloropropene			0.00E+00
Trichloroethene			0.00E+00
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			0.00E+00
TOTAL			0.00E+00

Owl: Rubble86
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
1,1,2,2-Tetrachloroethane			3.59E-10
1,1,2-Trichloroethane			7.50E-12
1,1-Dichloroethene			1.76E-11
1,2-Dichloroethene (total)			1.75E-11
1,4-Dichlorobenzene			0.00E+00
2-Butanone			4.15E-11
2-Methylnaphthalene			7.11E-08
3,3'-Dichlorobenzidine			7.62E-07
4,4'-DDD			0.00E+00
4,4'-DDE			2.35E+00
4,4'-DDT			6.62E+00
4-Methyl-2-pentanone			2.99E-11
Acenaphthene			1.70E-06
Acenaphthylene			3.02E-06
Acetone			2.87E-11
Aldrin			0.00E+00
Alpha-Chlordane			5.33E-05
Aluminum			0.00E+00
Anthracene			2.16E-06
Antimony			2.42E-02
Aroclor-1248			0.00E+00
Aroclor-1254			0.00E+00
Aroclor-1260			0.00E+00
Arsenic			9.36E-04
Barium			1.72E-04
Benzene			4.47E-12
Benzo(a)anthracene			7.56E-03
Benzo(a)pyrene			1.89E-02
Benzo(b)fluoranthene			7.59E-02
Benzo(g,h,i)perylene			1.68E-01
Benzo(k)fluoranthene			1.55E-01
Benzoic acid			1.70E-09
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			9.41E-05
Boron			8.59E-05
Bromodichloromethane			5.55E-10
Bromomethane			2.36E-09
Butyl benzyl phthalate			0.00E+00
Cadmium			0.00E+00
Carbazole			5.02E-06
TOTAL			9.42E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			0.00E+00
Chlorobenzene			6.64E-09
Chloroform			1.09E-10
Chloromethane			1.74E-10
Chromium			0.00E+00
Chrysene			1.25E-02
Cis-1,3-dichloropropene			4.17E-09
Cobalt			0.00E+00
Copper			5.98E-04
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			5.24E-03
Dibenzofuran			4.03E-06
Dieldrin			1.16E-06
Diethyl phthalate			0.00E+00
Endosulfan ii			0.00E+00
Endosulfan sulfate			2.45E-08
Endrin			0.00E+00
Endrin aldehyde			3.36E-05
Endrin ketone			1.60E-05
Ethylbenzene			3.02E-09
Fluoranthene			1.65E-04
Fluorene			4.28E-06
Gamma-Chlordane			2.99E-08
Heptachlor			6.57E-07
Heptachlor epoxide			1.65E-02
Indeno(1,2,3-Cd)pyrene			4.47E-01
Iron			N/A
Lead			6.47E-04
Manganese			1.31E-02
Mercury			1.56E-08
Methoxychlor			0.00E+00
Methylene chloride			3.47E-10
Naphthalene			2.56E-08
Nickel			1.15E-04
OCDD			0.00E+00
Phenanthrene			2.76E-03
Pyrene			2.22E-03
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			5.01E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
RUBBLE FILL AREA AT BUNKER A86
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: BARRED OWL

CHEMICAL			HAZARD QUOTIENT
Styrene			1.26E-09
Tetrachloroethene			8.04E-09
Thallium			0.00E+00
Toluene			2.47E-10
Trans-1,3-dichloropropene			2.99E-09
Trichloroethene			4.22E-09
Vanadium			9.21E-04
Vinyl acetate			2.43E-13
Xylenes, total			4.53E-04
Zinc			3.17E-01
TOTAL			3.19E-01

Owl: Rubble86
Average Concentration

1,1,2,2-Tetrachloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.59E-09			6.41E-10						1.00E+00	1.00E+00	6.41E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,1,2-Trichloroethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.81E-03							7.93E-06		1.00E+00	1.00E+00	7.93E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.12E-08			7.50E-10						1.00E+00	1.00E+00	7.50E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,1,2,2-Tetrachloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	1.79E+00	2.29E-06	
Water	0.00E+00	0.00E+00	1.79E+00	0.00E+00	
Food	9.59E-09	6.41E-10	1.79E+00	3.59E-10	
Inhalation					
Air	0.00E+00	0.00E+00	1.79E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.79E+00	0.00E+00	
Total					2.29E-06

1,1,2-Trichloroethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.81E-03	7.93E-06	1.00E+02	7.93E-08	
Water	0.00E+00	0.00E+00	1.00E+02	0.00E+00	
Food	1.12E-08	7.50E-10	1.00E+02	7.50E-12	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+02	0.00E+00	
Total					7.93E-08

000016

Owl: Rubble86
Averag centration

1,1-Dichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.88E-10			5.27E-11						1.00E+00	1.00E+00	5.27E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

1,2-Dichloroethene (total)	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.18E-09			7.90E-11						1.00E+00	1.00E+00	7.90E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000017

Owl: Rubble86
Average Concentration

1,1-Dichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	3.00E+00	9.10E-07	
Water	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Food	7.88E-10	5.27E-11	3.00E+00	1.76E-11	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E+00	0.00E+00	
Total					9.10E-07

1,2-Dichloroethene (total)	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	4.52E+00	9.06E-07	
Water	0.00E+00	0.00E+00	4.52E+00	0.00E+00	
Food	1.18E-09	7.90E-11	4.52E+00	1.75E-11	
Inhalation					
Air	0.00E+00	0.00E+00	4.52E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.52E+00	0.00E+00	
Total					9.06E-07

1,4-Dichlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

2-Butanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.15E-02							1.56E-05		1.00E+00	1.00E+00	1.56E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.72E-10			1.82E-11						1.00E+00	1.00E+00	1.82E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000019

Owl: Rubble86
Average Concentration

1,4-Dichlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Water	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Food	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.57E+00	0.00E+00	
Total					0.00E+00

2-Butanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.15E-02	1.56E-05	4.38E-01	3.57E-05	
Water	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Food	2.72E-10	1.82E-11	4.38E-01	4.15E-11	
Inhalation					
Air	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Total					3.57E-05

000020

Owl: Rubble86
Average [illegible]centration

2-Methylnaphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.50E-02							6.14E-05		1.00E+00	1.00E+00	6.14E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.25E-06			2.84E-07						1.00E+00	1.00E+00	2.84E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

3,3'-Dichlorobenzidine	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.00E-01							1.37E-04		1.00E+00	1.00E+00	1.37E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.21E-06			2.82E-07						1.00E+00	1.00E+00	2.82E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

2-Methylnaphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.50E-02	6.14E-05	4.00E+00	1.54E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	4.25E-06	2.84E-07	4.00E+00	7.11E-08	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					1.54E-05

3,3'-Dichlorobenzidine	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.00E-01	1.37E-04	3.70E-01	3.69E-04	
Water	0.00E+00	0.00E+00	3.70E-01	0.00E+00	
Food	4.21E-06	2.82E-07	3.70E-01	7.62E-07	
Inhalation					
Air	0.00E+00	0.00E+00	3.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.70E-01	0.00E+00	
Total					3.70E-04

4,4'-DDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

4,4'-DDE	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.79E-02							5.17E-05		1.00E+00	1.00E+00	5.17E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.94E-03			2.63E-04						1.00E+00	1.00E+00	2.63E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Owl: Rubble86
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					0.00E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.79E-02	5.17E-05	1.12E-04	4.62E-01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	3.94E-03	2.63E-04	1.12E-04	2.35E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					2.81E+00

000024

Owl: Rubble86
Averagr ·centration

4,4'-DDT	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.07E-01							1.46E-04		1.00E+00	1.00E+00	1.46E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.11E-02			7.42E-04						1.00E+00	1.00E+00	7.42E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

4-Methyl-2-pentanone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.96E-03							9.50E-06		1.00E+00	1.00E+00	9.50E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.12E-09			7.47E-11						1.00E+00	1.00E+00	7.47E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000025

Owl: Rubble86
Average Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.07E-01	1.46E-04	1.12E-04	1.30E+00	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.11E-02	7.42E-04	1.12E-04	6.62E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Total					7.93E+00

4-Methyl-2-pentanone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.96E-03	9.50E-06	2.50E+00	3.80E-06	
Water	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Food	1.12E-09	7.47E-11	2.50E+00	2.99E-11	
Inhalation					
Air	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.50E+00	0.00E+00	
Total					3.80E-06

000026

Acenaphthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.10E-01							5.60E-04		1.00E+00	1.00E+00	5.60E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.45E-05			2.98E-06						1.00E+00	1.00E+00	2.98E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Acenaphthylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.16E-01							7.04E-04		1.00E+00	1.00E+00	7.04E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.91E-05			5.29E-06						1.00E+00	1.00E+00	5.29E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000027

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.10E-01	5.60E-04	1.75E+00	3.20E-04	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	4.45E-05	2.98E-06	1.75E+00	1.70E-06	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					3.22E-04

Acenaphthylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.16E-01	7.04E-04	1.75E+00	4.03E-04	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	7.91E-05	5.29E-06	1.75E+00	3.02E-06	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					4.06E-04

Acetone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.72E-02							7.81E-05		1.00E+00	1.00E+00	7.81E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.29E-10			2.87E-11						1.00E+00	1.00E+00	2.87E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000029

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.72E-02	7.81E-05	1.00E+00	7.81E-05	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	4.29E-10	2.87E-11	1.00E+00	2.87E-11	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Total					7.81E-05

Aldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-02	0.00E+00	
Total					0.00E+00

Alpha-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.35E-03							7.30E-06		1.00E+00	1.00E+00	7.30E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.82E-05			4.56E-06						1.00E+00	1.00E+00	4.56E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aluminum	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000031

Owl: Rubble86
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.35E-03	7.30E-06	8.56E-02	8.53E-05	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	6.82E-05	4.56E-06	8.56E-02	5.33E-05	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					1.39E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Water	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Food	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.23E+01	0.00E+00	
Total					0.00E+00

Anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	8.80E-01							1.20E-03		1.00E+00	1.00E+00	1.20E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.24E-04			2.16E-05						1.00E+00	1.00E+00	2.16E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Antimony	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.36E+00							7.32E-03		1.00E+00	1.00E+00	7.32E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.81E-03			1.21E-04						1.00E+00	1.00E+00	1.21E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.80E-01	1.20E-03	1.00E+01	1.20E-04	
Water	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Food	3.24E-04	2.16E-05	1.00E+01	2.16E-06	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Total					1.22E-04

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.36E+00	7.32E-03	5.00E-03	1.46E+00	
Water	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Food	1.81E-03	1.21E-04	5.00E-03	2.42E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Total					1.49E+00

Aroclor-1260	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Arsenic	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.25E+01							5.80E-02		1.00E+00	1.00E+00	5.80E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.87E-02			1.92E-03						1.00E+00	1.00E+00	1.92E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Aroclor-1260	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Water	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Food	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.20E-02	0.00E+00	
Total					0.00E+00

Arsenic	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.25E+01	5.80E-02	2.05E+00	2.82E-02	
Water	0.00E+00	0.00E+00	2.05E+00	0.00E+00	
Food	2.87E-02	1.92E-03	2.05E+00	9.36E-04	
Inhalation					
Air	0.00E+00	0.00E+00	2.05E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.05E+00	0.00E+00	
Total					2.92E-02

Barium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.23E+01							5.77E-02		1.00E+00	1.00E+00	5.77E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.14E-03			1.43E-04						1.00E+00	1.00E+00	1.43E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.52E-10			2.36E-11						1.00E+00	1.00E+00	2.36E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.23E+01	5.77E-02	8.33E-01	6.93E-02	
Water	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Food	2.14E-03	1.43E-04	8.33E-01	1.72E-04	
Inhalation					
Air	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.33E-01	0.00E+00	
Total					6.95E-02

Benzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	5.27E+00	5.18E-07	
Water	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Food	3.52E-10	2.36E-11	5.27E+00	4.47E-12	
Inhalation					
Air	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.27E+00	0.00E+00	
Total					5.18E-07

Benzo(a)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.25E+00							5.80E-03		1.00E+00	1.00E+00	5.80E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.26E-02			1.51E-03						1.00E+00	1.00E+00	1.51E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzo(a)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.53E+00							6.18E-03		1.00E+00	1.00E+00	6.18E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.64E-02			3.77E-03						1.00E+00	1.00E+00	3.77E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000039

Owl: Rubble86
Average Concentration

Benzo(a)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.25E+00	5.80E-03	2.00E-01	2.90E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.26E-02	1.51E-03	2.00E-01	7.56E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					3.66E-02

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.53E+00	6.18E-03	2.00E-01	3.09E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	5.64E-02	3.77E-03	2.00E-01	1.89E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					4.98E-02

Benzo(b)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.68E+00							6.39E-03		1.00E+00	1.00E+00	6.39E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.27E-01			1.52E-02						1.00E+00	1.00E+00	1.52E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Benzo(g,h,i)perylene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.27E+00							3.10E-03		1.00E+00	1.00E+00	3.10E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.02E-01			3.36E-02						1.00E+00	1.00E+00	3.36E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.68E+00	6.39E-03	2.00E-01	3.20E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.27E-01	1.52E-02	2.00E-01	7.59E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.08E-01

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.27E+00	3.10E-03	2.00E-01	1.55E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	5.02E-01	3.36E-02	2.00E-01	1.68E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.83E-01

Benzo(k)fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.13E+00							7.00E-03		1.00E+00	1.00E+00	7.00E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.63E-01			3.10E-02						1.00E+00	1.00E+00	3.10E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Benzoic acid	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.90E-01							3.96E-04		1.00E+00	1.00E+00	3.96E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.03E-07			1.36E-08						1.00E+00	1.00E+00	1.36E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

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Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.13E+00	7.00E-03	2.00E-01	3.50E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	4.63E-01	3.10E-02	2.00E-01	1.55E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.90E-01

Benzoic acid	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.96E-04	8.00E+00	4.95E-05	
Water	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Food	2.03E-07	1.36E-08	8.00E+00	1.70E-09	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E+00	0.00E+00	
Total					4.95E-05

000044

Owl: Rubble86
Averag[illegible]centration

Beryllium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Bis(2-ethylexyl)phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.20E-01							1.64E-04		1.00E+00	1.00E+00	1.64E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.12E-04			2.09E-05						1.00E+00	1.00E+00	2.09E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000045

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Food	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Total					0.00E+00

Bis(2-ethylexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.20E-01	1.64E-04	2.22E-01	7.38E-04	
Water	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Food	3.12E-04	2.09E-05	2.22E-01	9.41E-05	
Inhalation					
Air	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Total					8.32E-04

Boron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	8.31E+00							1.13E-02		1.00E+00	1.00E+00	1.13E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.25E-03			1.50E-04						1.00E+00	1.00E+00	1.50E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Bromodichloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.97E-09			1.99E-10						1.00E+00	1.00E+00	1.99E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000047

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.31E+00	1.13E-02	1.75E+00	6.48E-03	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	2.25E-03	1.50E-04	1.75E+00	8.59E-05	
Inhalation					
Air	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Total					6.57E-03

Bromodichloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	3.58E-01	1.14E-05	
Water	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Food	2.97E-09	1.99E-10	3.58E-01	5.55E-10	
Inhalation					
Air	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.58E-01	0.00E+00	
Total					1.14E-05

Bromomethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.93E-10			3.30E-11						1.00E+00	1.00E+00	3.30E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Butyl benzyl phthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000049

Bromomethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	1.40E-02	2.93E-04	
Water	0.00E+00	0.00E+00	1.40E-02	0.00E+00	
Food	4.93E-10	3.30E-11	1.40E-02	2.36E-09	
Inhalation					
Air	0.00E+00	0.00E+00	1.40E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.40E-02	0.00E+00	
Total					2.93E-04

Butyl benzyl phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.59E+00	0.00E+00	
Total					0.00E+00

000050

Cadmium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Carbazole	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.91E-01							8.06E-04		1.00E+00	1.00E+00	8.06E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.50E-05			1.00E-06						1.00E+00	1.00E+00	1.00E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000051

Owl: Rubble86
Average Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.90E-01	0.00E+00	
Total					0.00E+00

Carbazole	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.91E-01	8.06E-04	2.00E-01	4.03E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.50E-05	1.00E-06	2.00E-01	5.02E-06	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					4.04E-03

Carbon disulfide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chlorobenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.71E-08			1.81E-09						1.00E+00	1.00E+00	1.81E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000053

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Total					0.00E+00

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	2.73E-01	1.50E-05	
Water	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Food	2.71E-08	1.81E-09	2.73E-01	6.64E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Total					1.50E-05

Chloroform	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.43E-09			1.63E-10						1.00E+00	1.00E+00	1.63E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chloromethane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	8.23E-03							1.12E-05		1.00E+00	1.00E+00	1.12E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.73E-10			5.84E-11						1.00E+00	1.00E+00	5.84E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000035

Chloroform	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	1.50E+00	1.82E-06	
Water	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Food	2.43E-09	1.63E-10	1.50E+00	1.09E-10	
Inhalation					
Air	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.50E+00	0.00E+00	
Total					1.82E-06

Chloromethane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.23E-03	1.12E-05	3.36E-01	3.34E-05	
Water	0.00E+00	0.00E+00	3.36E-01	0.00E+00	
Food	8.73E-10	5.84E-11	3.36E-01	1.74E-10	
Inhalation					
Air	0.00E+00	0.00E+00	3.36E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.36E-01	0.00E+00	
Total					3.34E-05

Chromium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Chrysene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	7.03E+00							9.60E-03		1.00E+00	1.00E+00	9.60E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.74E-02			2.50E-03						1.00E+00	1.00E+00	2.50E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000057

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					0.00E+00

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.03E+00	9.60E-03	2.00E-01	4.80E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	3.74E-02	2.50E-03	2.00E-01	1.25E-02	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					6.05E-02

Cis-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.58E-03							7.61E-06		1.00E+00	1.00E+00	7.61E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.87E-09			1.25E-10						1.00E+00	1.00E+00	1.25E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Cobalt	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000059

Cis-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.58E-03	7.61E-06	3.00E-02	2.54E-04	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	1.87E-09	1.25E-10	3.00E-02	4.17E-09	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					2.54E-04

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.00E-02	0.00E+00	
Total					0.00E+00

000060

Copper	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.81E+01							2.47E-02		1.00E+00	1.00E+00	2.47E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.94E-02			3.98E-03						1.00E+00	1.00E+00	3.98E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Cyanide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000061

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.81E+01	2.47E-02	6.64E+00	3.72E-03	
Water	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Food	5.94E-02	3.98E-03	6.64E+00	5.98E-04	
Inhalation					
Air	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Total					4.32E-03

Cyanide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.37E+00	0.00E+00	
Total					0.00E+00

Di-n-butylphthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	3.00E-02	0.00E+00

Dibenzo(a,h)anthracene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.29E+00							1.76E-03		1.00E+00	1.00E+00	1.76E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.57E-02			1.05E-03						1.00E+00	1.00E+00	1.05E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000063

Di-n-butylphthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Water	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Food	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.44E-02	0.00E+00	
Total					0.00E+00

Dibenzo(a,h)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.29E+00	1.76E-03	2.00E-01	8.79E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.57E-02	1.05E-03	2.00E-01	5.24E-03	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					1.40E-02

Dibenzofuran	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	7.00E-02							9.56E-05		1.00E+00	1.00E+00	9.56E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.20E-05			8.05E-07						1.00E+00	1.00E+00	8.05E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Dieldrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	8.30E-03							1.13E-05		1.00E+00	1.00E+00	1.13E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.33E-06			8.90E-08						1.00E+00	1.00E+00	8.90E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000065

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	9.56E-05	2.00E-01	4.78E-04	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.20E-05	8.05E-07	2.00E-01	4.03E-06	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					4.82E-04

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.30E-03	1.13E-05	7.70E-02	1.47E-04	
Water	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Food	1.33E-06	8.90E-08	7.70E-02	1.16E-06	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-02	0.00E+00	
Total					1.48E-04

000066

Owl: Rubble 86
Averag centration

Endosulfan sulfate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.26E-02							1.71E-05		1.00E+00	1.00E+00	1.71E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.31E-07			4.89E-08						1.00E+00	1.00E+00	4.89E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Endrin	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-03	0.00E+00

000067

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.26E-02	1.71E-05	2.00E+00	8.57E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	7.31E-07	4.89E-08	2.00E+00	2.45E-08	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					8.59E-06

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					0.00E+00

000068

Endrin aldehyde	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.80E-03							7.92E-06		1.00E+00	1.00E+00	7.92E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.01E-05			2.01E-06						1.00E+00	1.00E+00	2.01E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	0.00E+00	0.00E+00

Endrin ketone	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.76E-03							3.77E-06		1.00E+00	1.00E+00	3.77E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.43E-05			9.59E-07						1.00E+00	1.00E+00	9.59E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000069

Endrin aldehyde	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.80E-03	7.92E-06	6.00E-02	1.32E-04	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	3.01E-05	2.01E-06	6.00E-02	3.36E-05	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					1.66E-04

Endrin ketone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.76E-03	3.77E-06	6.00E-02	6.28E-05	
Water	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Food	1.43E-05	9.59E-07	6.00E-02	1.60E-05	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-02	0.00E+00	
Total					7.88E-05

000070

Ethylbenzene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.68E-08			2.46E-09						1.00E+00	1.00E+00	2.46E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Fluoranthene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.11E+01							1.51E-02		1.00E+00	1.00E+00	1.51E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.08E-02			2.06E-03						1.00E+00	1.00E+00	2.06E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000071

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	8.16E-01	3.35E-06	
Water	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Food	3.68E-08	2.46E-09	8.16E-01	3.02E-09	
Inhalation					
Air	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Total					3.35E-06

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.11E+01	1.51E-02	1.25E+01	1.21E-03	
Water	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Food	3.08E-02	2.06E-03	1.25E+01	1.65E-04	
Inhalation					
Air	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Total					1.37E-03

000072

Fluorene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.05E-01							5.53E-04		1.00E+00	1.00E+00	5.53E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.99E-05			5.35E-06						1.00E+00	1.00E+00	5.35E-06
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

Gamma-Chlordane	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.88E-03							6.65E-06		1.00E+00	1.00E+00	6.65E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.83E-08			2.56E-09						1.00E+00	1.00E+00	2.56E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000073

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.05E-01	5.53E-04	1.25E+00	4.42E-04	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	7.99E-05	5.35E-06	1.25E+00	4.28E-06	
Inhalation					
Air	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Total					4.46E-04

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.88E-03	6.65E-06	8.56E-02	7.77E-05	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	3.83E-08	2.56E-09	8.56E-02	2.99E-08	
Inhalation					
Air	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Total					7.78E-05

Heptachlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.40E-03							3.28E-06		1.00E+00	1.00E+00	3.28E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.86E-07			5.26E-08						1.00E+00	1.00E+00	5.26E-08
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Heptachlor epoxide	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.50E-03							3.41E-06		1.00E+00	1.00E+00	3.41E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.46E-07			9.74E-09						1.00E+00	1.00E+00	9.74E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000075

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E-03	3.28E-06	8.00E-02	4.10E-05	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	7.86E-07	5.26E-08	8.00E-02	6.57E-07	
Inhalation					
Air	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Total					4.16E-05

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.50E-03	3.41E-06	5.92E-07	5.76E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	1.46E-07	9.74E-09	5.92E-07	1.65E-02	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Total					5.78E+00

Indeno(1,2,3-Cd)pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.24E+00							3.06E-03		1.00E+00	1.00E+00	3.06E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.34E+00			8.94E-02						1.00E+00	1.00E+00	8.94E-02
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Iron	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000077

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.24E+00	3.06E-03	2.00E-01	1.53E-02	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.34E+00	8.94E-02	2.00E-01	4.47E-01	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Total					4.62E-01

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	0.00E+00	N/A	
Water	0.00E+00	0.00E+00	0.00E+00	N/A	
Food	0.00E+00	0.00E+00	0.00E+00	N/A	
Inhalation					
Air	0.00E+00	0.00E+00	0.00E+00	N/A	
Dermal					
Soil	0.00E+00	0.00E+00	0.00E+00	N/A	
Total					0.00E+00

Lead	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.02E+01							6.85E-02		1.00E+00	1.00E+00	6.85E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.45E-03			4.98E-04						1.00E+00	1.00E+00	4.98E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Manganese	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.89E+02							2.58E-01		1.00E+00	1.00E+00	2.58E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.72E+00			1.15E-01						1.00E+00	1.00E+00	1.15E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000079

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.02E+01	6.85E-02	7.70E-01	8.90E-02	
Water	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Food	7.45E-03	4.98E-04	7.70E-01	6.47E-04	
Inhalation					
Air	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Total					8.96E-02

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.89E+02	2.58E-01	8.80E+00	2.93E-02	
Water	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Food	1.72E+00	1.15E-01	8.80E+00	1.31E-02	
Inhalation					
Air	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	8.80E+00	0.00E+00	
Total					4.24E-02

000080

Owl: Rubble 86
Average ·centration

Mercury	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	7.02E-02							9.58E-05		1.00E+00	1.00E+00	9.58E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.96E-10			3.99E-11						1.00E+00	1.00E+00	3.99E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Methoxychlor	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000081

Mercury	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.02E-02	9.58E-05	2.56E-03	3.74E-02	
Water	0.00E+00	0.00E+00	2.56E-03	0.00E+00	
Food	5.96E-10	3.99E-11	2.56E-03	1.56E-08	
Inhalation					
Air	0.00E+00	0.00E+00	2.56E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.56E-03	0.00E+00	
Total					3.74E-02

Methoxychlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E-01	0.00E+00	
Total					0.00E+00

Methylene chloride	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.31E-02							1.79E-05		1.00E+00	1.00E+00	1.79E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.03E-09			2.03E-10						1.00E+00	1.00E+00	2.03E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Naphthalene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.00E-02							6.83E-05		1.00E+00	1.00E+00	6.83E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.53E-06			1.02E-07						1.00E+00	1.00E+00	1.02E-07
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

000083

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.31E-02	1.79E-05	5.85E-01	3.05E-05	
Water	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Food	3.03E-09	2.03E-10	5.85E-01	3.47E-10	
Inhalation					
Air	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Total					3.05E-05

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-02	6.83E-05	4.00E+00	1.71E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	1.53E-06	1.02E-07	4.00E+00	2.56E-08	
Inhalation					
Air	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Total					1.71E-05

000084

Nickel	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.31E+01							1.79E-02		1.00E+00	1.00E+00	1.79E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.66E-02			1.78E-03						1.00E+00	1.00E+00	1.78E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.50E-01	0.00E+00

OCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000085

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.31E+01	1.79E-02	1.55E+01	1.16E-03	
Water	0.00E+00	0.00E+00	1.55E+01	0.00E+00	
Food	2.66E-02	1.78E-03	1.55E+01	1.15E-04	
Inhalation					
Air	0.00E+00	0.00E+00	1.55E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.55E+01	0.00E+00	
Total					1.27E-03

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Water	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Food	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Total					0.00E+00

000086

Phenanthrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.63E+00							7.69E-03		1.00E+00	1.00E+00	7.69E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.12E-03			1.42E-04						1.00E+00	1.00E+00	1.42E-04
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Pyrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.26E+01							1.72E-02		1.00E+00	1.00E+00	1.72E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.49E-02			1.66E-03						1.00E+00	1.00E+00	1.66E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

000087

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.63E+00	7.69E-03	5.13E-02	1.50E-01	
Water	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Food	2.12E-03	1.42E-04	5.13E-02	2.76E-03	
Inhalation					
Air	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Total					1.53E-01

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.26E+01	1.72E-02	7.50E-01	2.29E-02	
Water	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Food	2.49E-02	1.66E-03	7.50E-01	2.22E-03	
Inhalation					
Air	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Total					2.51E-02

Styrene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.76E-08			2.51E-09						1.00E+00	1.00E+00	2.51E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Tetrachloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.81E-03							5.20E-06		1.00E+00	1.00E+00	5.20E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.68E-08			1.13E-09						1.00E+00	1.00E+00	1.13E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

680000

Owl: Rubble86
Average Concentration

Styrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	2.00E+00	1.37E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	3.76E-08	2.51E-09	2.00E+00	1.26E-09	
Inhalation					
Air	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Total					1.37E-06

Tetrachloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.81E-03	5.20E-06	1.40E-01	3.71E-05	
Water	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Food	1.68E-08	1.13E-09	1.40E-01	8.04E-09	
Inhalation					
Air	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Total					3.71E-05

Thallium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Toluene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.00E-03							4.10E-06		1.00E+00	1.00E+00	4.10E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.92E-08			1.28E-09						1.00E+00	1.00E+00	1.28E-09
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000091

Owl: Rubble86
Average Concentration

Thallium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Water	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Food	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.48E-03	0.00E+00	
Total					0.00E+00

Toluene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	4.10E-06	5.20E+00	7.88E-07	
Water	0.00E+00	0.00E+00	5.20E+00	0.00E+00	
Food	1.92E-08	1.28E-09	5.20E+00	2.47E-10	
Inhalation					
Air	0.00E+00	0.00E+00	5.20E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.20E+00	0.00E+00	
Total					7.88E-07

Trans-1,3-dichloropropene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	4.00E-03							5.46E-06		1.00E+00	1.00E+00	5.46E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.34E-09			8.97E-11						1.00E+00	1.00E+00	8.97E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Trichloroethene	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	2.00E-03							2.73E-06		1.00E+00	1.00E+00	2.73E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.84E-09			5.91E-10						1.00E+00	1.00E+00	5.91E-10
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000093

Owl: Rubble86
Average Concentration

Trans-1,3-dichloropropene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	5.46E-06	3.00E-02	1.82E-04	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	1.34E-09	8.97E-11	3.00E-02	2.99E-09	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Total					1.82E-04

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.73E-06	1.40E-01	1.95E-05	
Water	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Food	8.84E-09	5.91E-10	1.40E-01	4.22E-09	
Inhalation					
Air	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Total					1.95E-05

Vanadium	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	3.71E+01							5.06E-02		1.00E+00	1.00E+00	5.06E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.13E-02			2.10E-03						1.00E+00	1.00E+00	2.10E-03
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

Vinyl acetate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	6.65E-03							9.08E-06		1.00E+00	1.00E+00	9.08E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.73E-10			1.16E-11						1.00E+00	1.00E+00	1.16E-11
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-01	0.00E+00

000095

Owl: Rubble86
Average Concentration

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.71E+01	5.06E-02	2.28E+00	2.23E-02	
Water	0.00E+00	0.00E+00	2.28E+00	0.00E+00	
Food	3.13E-02	2.10E-03	2.28E+00	9.21E-04	
Inhalation					
Air	0.00E+00	0.00E+00	2.28E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.28E+00	0.00E+00	
Total					2.32E-02

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.65E-03	9.08E-06	4.77E+01	1.90E-07	
Water	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Food	1.73E-10	1.16E-11	4.77E+01	2.43E-13	
Inhalation					
Air	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Total					1.90E-07

Xylenes, total	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	5.00E-03							6.83E-06		1.00E+00	1.00E+00	6.83E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.39E-03			9.33E-05						1.00E+00	1.00E+00	9.33E-05
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

Zinc	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Uptake from Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		6.30E-01	4.30E+04									
Soil	1.10E+02							1.50E-01		1.00E+00	1.00E+00	1.50E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.69E+00			3.81E-01						1.00E+00	1.00E+00	3.81E-01
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+00	1.00E+00	0.00E+00
Dermal												
Soil	0.00E+00						0.00E+00			1.00E+00	1.00E-02	0.00E+00

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Owl: Rubble86
Average Concentration

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.00E-03	6.83E-06	2.06E-01	3.31E-05	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	1.39E-03	9.33E-05	2.06E-01	4.53E-04	
Inhalation					
Air	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Total					4.86E-04

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.10E+02	1.50E-01	1.20E+00	1.25E-01	
Water	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Food	5.69E+00	3.81E-01	1.20E+00	3.17E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Total					4.42E-01

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