N00129.AR.000501
NSB NEW LONDON
5090.3a

Revision 1
March 1997

Phase II Remedial Investigation for Naval Submarine Base New London

Groton, Connecticut

Volume X - Appendix I.5

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

SITE 3 - AREA A DOWNSTREAM WATERCOURSES/OBDA

APPENDIX I.5

SITE 3 - AREA A DOWNSTREAM WATERCOURSES/OBDA

UPPER POND

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR THE SHREW
BASED ON ACUTE DOSES AND MAXIMUM AND AVERAGE EXPOSURE CONCENTRATIONS
AREA A DOWNSTREAM WATER COURSES/OBDA
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'-DDD	2.10E+02	1.60E-01	3.36E+01	7.97E+01	4.22E-01
4,4'-DDE	2.10E+01	1.60E-01	1.31E+02	7.97E+01	4.22E-02
4,4'-DDT	1.20E+03	1.60E-01	1.92E+02	7.97E+01	2.41E+00
Heptachlor epoxide	1.70E+02	1.18E-06	2.00E-04	3.00E-04	6.69E-01

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'-DDD	3.10E+01	1.60E-01	4.96E+00	7.97E+01	6.22E-02
4,4'-DDE	3.70E+00	1.60E-01	5.92E-01	7.97E+01	7.43E-03
4,4'-DDT	1.80E+02	1.60E-01	2.88E+01	7.97E+01	3.61E-01
Heptachlor epoxide	1.70E+02	1.18E-06	2.01E-04	3.00E-04	6.69E-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 AREA A DOWNSTREAM WATER COURSES/OBDA 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'-DDD	1.10E+04	1.12E-04	1.23E+00	3.04E+01	4.05E-02
4,4'-DDE	1.10E+03	1.12E-04	1.23E-01	3.41E+00	3.61E-02
4,4'-DDT	6.20E+04	1.12E-04	6.94E+00	2.12E+01	3.28E-01
Heptachlor epoxide	3.20E+00	5.92E-07	1.89E-06	3.00E-05	6.31E-02

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'-DDD	1.50E+03	1.12E-04	1.68E-01	3.04E+01	5.53E-03
4,4'-DDE	1.80E+02	1.12E-04	2.02E-02	3.41E+00	5.91E-03
4,4'-DDT	9.00E+03	1.12E-04	1.01E+00	2.12E+01	4.75E-02
Heptachlor epoxide	3.20E+00	5.92E-07	1.89E-06	3.00E-05	6.31E-02

for Heptachlor epoxide, used original chronic, less serious endpoint on large test animal (dog), with 0.1X factor for inter-class application

00002

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR THE RACCOON (ALL AREAS)
BASED ON ACUTE DOSES AND MAXIMUM AND AVERAGE EXPOSURE CONCENTRATIONS
AREA A DOWNSTREAM WATER COURSES/OBDA
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	Area with HI > 1
4,4'-DDD	1.80E+01	1.60E-01	2.88E+00	5.54E+00	5.20E-01	N/A
4,4'-DDE	6.50E+00	1.60E-01	1.04E+00	5.54E+00	1.88E-01	N/A
4,4'-DDT	2.00E+00	1.60E-01	3.20E-01	5.54E+00	5.78E-02	N/A
Aluminum	1.20E+01	1.00E+01	1.20E+02	1.55E+02	7.74E-01	N/A
Antimony	4.50E+01	1.00E-02	4.50E-01	5.50E+00	8.18E-02	N/A
Barium	2.30E+00	1.01E+00	2.32E+00	1.40E+02	1.66E-02	N/A
Lead	1.50E+00	1.60E+00	2.40E+00	5.00E+01	4.80E-02	N/A
OCDD	9.30E+01	2.00E-07	1.86E-05	6.00E-04	3.10E-02	N/A
Vanadium	3.60E+00	8.40E-02	3.02E-01	2.87E+00	1.05E-01	N/A
HpCDD	8.60E+00	2.00E-07	1.72E-06	6.00E-04	2.87E-03	N/A

Chemical	Highest Average Chronic HI	Derived NOAEL (mg/kg/d)	Acute Dose (mg/kg/d)	Acute Threshold (mg/kg/d)	Highest Average Acute HI	Area with HI > 1
4,4'-DDD	5.80E+00	1.60E-01	9.28E-01	5.54E+00	1.68E-01	N/A
4,4'-DDE	9.80E-01	1.60E-01	1.57E-01	5.54E+00	2.83E-02	N/A
4,4'-DDT	2.00E+00	1.60E-01	3.20E-01	5.54E+00	5.78E-02	N/A
Aluminum	1.00E+01	1.00E+01	1.00E+02	1.55E+02	6.45E-01	N/A
Antimony	4.50E+01	1.00E-02	4.50E-01	5.50E+00	8.18E-02	N/A
Barium	1.00E+00	1.01E+00	1.01E+00	1.40E+02	7.21E-03	N/A
Lead	0.00E+00	1.60E+00	0.00E+00	5.00E+01	0.00E+00	N/A
OCDD	5.20E+01	2.00E-07	1.04E-05	6.00E-04	1.73E-02	N/A
Vanadium	2.00E+00	8.40E-02	1.68E-01	2.87E+00	5.85E-02	N/A
HpCDD	5.50E+00	2.00E-07	1.10E-06	6.00E-04	1.83E-03	N/A

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR THE MALLARD (ALL AREAS)
BASED ON ACUTE DOSES AND MAXIMUM AND AVERAGE EXPOSURE CONCENTRATIONS
AREA A DOWNSTREAM WATER COURSES/OBDA
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	Area with HI > 1
4,4'-DDD	1.40E+05	1.12E-04	1.57E+01	2.55E+01	6.15E-01	N/A
4,4'-DDE	4.40E+04	1.12E-04	4.93E+00	2.87E+00	1.72E+00	OBDA Pond
4,4'-DDT	9.80E+03	1.12E-04	1.10E+00	1.78E+01	6.17E-02	N/A
Aluminum	1.30E+01	2.23E+01	2.90E+02	5.00E+03	5.80E-02	N/A
OCDD	3.10E+01	2.80E-06	8.68E-05	1.00E-01	8.68E-04	N/A
HpCDD	4.00E+01	2.80E-06	1.12E-04	1.00E-01	1.12E-03	N/A

Chemical	Highest Average Chronic HI	Derived NOAEL (mg/kg/d)	Acute Dose (mg/kg/d)	Acute Threshold (mg/kg/d)	Highest Average Acute HI	Area with HI > 1
4,4'-DDD	4.40E+04	1.12E-04	4.93E+00	2.55E+01	1.93E-01	N/A
4,4'-DDE	6.60E+03	1.12E-04	7.39E-01	2.87E+00	2.58E-01	N/A
4,4'-DDT	3.50E+03	1.12E-04	3.92E-01	1.78E+01	2.20E-02	N/A
Aluminum	1.20E+01	2.23E+01	2.68E+02	5.00E+03	5.36E-02	N/A
OCDD	1.80E+01	2.80E-06	5.04E-05	1.00E-01	5.04E-04	N/A
HpCDD	1.90E+00	2.80E-06	5.32E-06	1.00E-01	5.32E-05	N/A

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER
UPPER POND
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	5.08E-1	1.07E-01	X	8.70E-2	X	5.8E+0
Barium	6.15E-2	2.16E-2	X	3.90E-3	X	1.6E+1
Boron	1.47E-1	7.35E-3	X	0.00E+0	X	--
Calcium	2.58E+1	6.93E+0	X			
Cobalt	3.30E-3	5.00E-4	X	3.00E-3	X	1.1E+0
Copper	1.26E-2	5.00E-4	X	4.80E-3	X	2.6E+0
Cyanide	1.13E-2	5.00E-3	X	5.20E-3	X	2.2E+0
Iron	6.56E+0	2.08E-1	X	1.00E+0	X	6.6E+0
Lead	5.60E-3	5.00E-4	X	2.01E-3	X	2.8E+0
Magnesium	1.09E+1	2.14E+0	X			
Manganese	4.59E-1	3.53E-2	X	8.00E-2	X	5.7E+0
Nickel	6.40E-3	5.00E-4	X	1.32E-1		
Potassium	1.42E+1	1.34E+0	X			
Sodium	1.38E+2	1.88E+1	X			
Zinc	6.69E-2	9.10E-3	X	1.23E-2	X	5.4E+0

000001

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER UPPER POND 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	2.30E-4	1.00E-6	X	2.3E+2
Methylene chloride	6.00E-3	2.16E+1		

000002

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER UPPER POND 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	2.91E-1	1.07E-1	X	8.70E-2	X	3.3E+0
Barium	4.21E-2	2.16E-2	X	3.90E-3	X	1.1E+1
Boron	1.14E-1	7.35E-3	X	0.00E+0	X	
Calcium	1.82E+1	6.93E+0	X			
Cobalt	2.70E-3	5.00E-4	X	3.00E-3		
Copper	5.75E-3	5.00E-4	X	4.80E-3	X	1.2E+0
Cyanide	5.43E-3	5.00E-3	X	5.20E-3	X	1.0E+0
Iron	3.41E+0	2.08E-1	X	1.00E+0	X	3.4E+0
Lead	2.37E-3	5.00E-4	X	2.01E-3	X	1.2E+0
Magnesium	6.42E+0	2.14E+0	X			
Manganese	3.14E-1	3.53E-2	X	8.00E-2	X	3.9E+0
Nickel	4.73E-3	5.00E-4	X	1.32E-1		
Potassium	9.58E+0	1.34E+0	X			
Sodium	1.06E+2	1.88E+1	X			
Zinc	3.37E-2	9.10E-3	X	1.23E-2	X	2.7E+0

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER
UPPER POND
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	1.05E-4	1.00E-6	X	1.1E+2
Methylene chloride	4.00E-3	2.16E+1		

000004

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SEDIMENTS
UPPER POND
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	3.31E+4	1.95E+4	X	2.70E+4	X	1.2E+0
Antimony	6.10E+0	2.15E+0	X	6.40E+1		
Arsenic	1.77E+1	2.75E+0	X	6.00E+0	X	3.0E+0
Barium	6.35E+2	2.42E+2	X	2.00E+1	X	3.2E+1
Beryllium	5.60E+0	3.20E+0	X	0.00E+0	X	---
Boron	2.38E+1	8.90E+0	X	0.00E+0	X	---
Cadmium	1.38E+1	1.40E+0	X	6.00E-1	X	2.3E+1
Calcium	1.12E+4	5.18E+3	X			
Chromium	4.89E+1	3.61E+1	X	2.60E+1	X	1.9E+0
Cobalt	2.67E+1	1.46E+1	X	5.00E+1		
Copper	9.43E+1	3.10E+1	X	1.60E+1	X	5.9E+0
Cyanide	2.14E+1	1.75E+0	X	1.00E-1	X	2.1E+2
Iron	6.39E+5	3.39E+4	X	2.00E+6		
Lead	8.20E+1	1.22E+2		3.10E+1	X	
Magnesium	2.98E+3	3.41E+3				
Manganese	1.30E+3	5.29E+2	X	4.60E+2	X	2.8E+0
Nickel	4.67E+1	2.73E+1	X	1.60E+1	X	2.9E+0
Potassium	1.61E+3	1.27E+3	X			
Selenium	1.78E+1	9.10E+0	X	1.00E-1	X	1.8E+2
Sodium	1.93E+3	1.35E+2	X			
Vanadium	5.67E+1	6.04E+1		0.00E+0	X	
Zinc	6.17E+2	2.19E+2	X	1.20E+2	X	5.1E+0

000005

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

Compound	Maximum Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
2-Nitroaniline	3.10E+0	4.34E-1	X	7.1E+0
4,4'-DDD	1.10E+2	1.56E-2	X	7.1E+3
4,4'-DDE	6.30E+0	7.90E-3	X	8.0E+2
4,4'-DDT	2.20E+0	2.45E-2	X	9.0E+1
4,6-Dinitro-2-methylphenol	6.20E+0	1.66E+0	X	3.7E+0
Alpha-Chlordane	3.10E-1	2.03E+2		
Benzo(b)fluoranthene	1.60E-1	1.74E+2		
Carbon disulfide	4.00E-3	1.41E+1		
Endrin	8.40E-2	1.48E-2	X	5.7E+0
Gamma-Chlordane	1.80E-1	4.68E-5	X	3.8E+3
Heptachlor	4.60E-2	1.62E-3	X	2.8E+1
Methylene chloride	7.00E-2	7.38E+0		
Pyrene	1.40E-1	8.22E+1		
Trichloroethene	3.00E-3	2.16E+0		

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
UPPER POND
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	2.92E+4	1.95E+4	X	2.70E+4	X	1.1E+0
Antimony	6.10E+0	2.15E+0	X	6.40E+1		
Arsenic	1.01E+1	2.75E+0	X	6.00E+0	X	1.7E+0
Barium	2.82E+2	2.42E+2	X	2.00E+1	X	1.4E+1
Beryllium	5.03E+0	3.20E+0	X	0.00E+0	X	---
Boron	2.38E+1	8.90E+0	X	0.00E+0	X	---
Cadmium	1.31E+1	1.40E+0	X	6.00E-1	X	2.2E+1
Calcium	5.18E+3	5.18E+3				
Chromium	4.32E+1	3.61E+1	X	2.60E+1	X	1.7E+0
Cobalt	1.51E+1	1.46E+1	X	5.00E+1		
Copper	8.11E+1	3.10E+1	X	1.60E+1	X	5.1E+0
Cyanide	8.47E+0	1.75E+0	X	1.00E-1	X	8.5E+1
Iron	2.40E+5	3.39E+4	X	2.00E+6		
Lead	6.12E+1	1.22E+2		3.10E+1	X	
Magnesium	2.71E+3	3.41E+3				
Manganese	5.53E+2	5.29E+2	X	4.60E+2	X	1.2E+0
Nickel	3.37E+1	2.73E+1	X	1.60E+1	X	2.1E+0
Potassium	1.61E+3	1.27E+3	X			
Selenium	6.14E+0	9.10E+0		1.00E-1	X	
Sodium	1.13E+3	1.35E+2	X			
Vanadium	4.82E+1	6.04E+1		0.00E+0	X	
Zinc	4.75E+2	2.19E+2	X	1.20E+2	X	4.0E+0

000007

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

Compound	Average Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
2-Nitroaniline	3.10E+0	4.34E-1	X	7.1E+0
4,4'-DDD	6.80E+1	1.56E-2	X	4.4E+3
4,4'-DDE	2.87E+0	7.90E-3	X	3.6E+2
4,4'-DDT	1.03E+0	2.45E-2	X	4.2E+1
4,6-Dinitro-2-methylphenol	6.20E+0	1.66E+0	X	3.7E+0
Alpha-Chlordane	2.08E-1	2.03E+2		
Benzo(b)fluoranthene	1.60E-1	1.74E+2		
Carbon disulfide	4.00E-3	1.41E+1		
Endrin	8.40E-2	1.48E-2	X	5.7E+0
Gamma-Chlordane	1.80E-1	4.68E-5	X	3.8E+3
Heptachlor	4.60E-2	1.62E-3	X	2.8E+1
Methylene chloride	3.73E-2	7.38E+0		
Pyrene	1.40E-1	8.22E+1		
Trichloroethene	3.00E-3	2.16E+0		

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER
UPPER POND
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	5.08E-1	1.07E-01	X	7.50E-1	X	6.8E-1
Barium	6.15E-2	2.16E-2	X	6.91E-2	X	8.9E-1
Cobalt	3.30E-3	5.00E-4	X	3.00E-2	X	1.1E-1
Copper	1.26E-2	5.00E-4	X	4.80E-3	X	2.6E+0
Cyanide	1.13E-2	5.00E-3	X	2.20E-2	X	5.1E-1
Iron	6.56E+0	2.08E-1	X	1.00E+1	X	6.6E-1
Lead	5.60E-3	5.00E-4	X	5.17E-2	X	1.1E-1
Manganese	4.59E-1	3.53E-2	X	1.47E+0	X	3.1E-1
Zinc	6.69E-2	9.10E-3	X	3.53E-2	X	1.9E+0

000009

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER
UPPER POND
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	2.30E-4	5.50E-4	X	4.2E-1

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SURFACE WATER
UPPER POND
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	2.91E-1	1.07E-1	X	7.50E-1	X	3.9E-1
Barium	4.21E-2	2.16E-2	X	6.91E-2	X	6.1E-1
Copper	5.75E-3	5.00E-4	X	1.43E-2	X	4.0E-1
Cyanide	5.43E-3	5.00E-3	X	2.20E-2	X	2.5E-1
Iron	3.41E+0	2.08E-1	X	1.00E+1	X	3.4E-1
Lead	2.37E-3	5.00E-4	X	5.17E-2	X	4.6E-2
Manganese	3.14E-1	3.53E-2	X	1.47E+0	X	2.1E-1
Zinc	3.37E-2	9.10E-3	X	3.53E-2	X	9.5E-1

000011

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SURFACE WATER
UPPER POND
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	1.05E-4	5.50E-4	X	1.9E-1

000012

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS
UPPER POND
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				
2-Nitroaniline	3.10E+0	1.54E+2	X	2.0E-2
4,4'-DDD	1.10E+2	8.57E+0	X	1.3E+1
4,4'-DDE	6.30E+0	4.35E+0	X	1.4E+0
4,4'-DDT	2.20E+0	1.35E+1	X	1.6E-1
4,6-Dinitro-2-methylphenol	6.20E+0	8.56E+1	X	7.2E-2
Endrin	8.40E-2	1.16E+0	X	7.2E-2
Gamma-Chlordane	1.80E-1	2.61E-2	X	6.9E+0
Heptachlor	4.60E-2	2.22E-1	X	2.1E-1

000013

foc(%): 2.01

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS
UPPER POND
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						
Aluminum	3.31E+4	1.95E+4	X	2.70E+5	X	1.2E+0
Arsenic	1.77E+1	2.75E+0	X	3.30E+1	X	5.4E-1
Barium	6.35E+2	2.42E+2	X	6.00E+1	X	3.2E+1
Cadmium	1.38E+1	1.40E+0	X	1.00E+1	X	2.3E+1
Chromium	4.89E+1	3.61E+1	X	1.10E+2	X	1.9E+0
Copper	9.43E+1	3.10E+1	X	1.10E+2	X	5.9E+0
Cyanide	2.14E+1	1.75E+0	X	2.50E-1	X	8.6E+1
Manganese	1.30E+3	5.29E+2	X	1.10E+3	X	2.8E+0
Nickel	4.67E+1	2.73E+1	X	7.50E+1	X	2.9E+0
Selenium	1.78E+1	9.10E+0	X	1.00E+0	X	1.8E+2
Zinc	6.17E+2	2.19E+2	X	8.20E+2	X	5.1E+0

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SEDIMENTS
UPPER POND
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						
Aluminum	2.92E+4	1.95E+4	X	2.70E+5	X	1.1E-1
Arsenic	1.01E+1	2.75E+0	X	3.30E+1	X	3.1E-1
Barium	2.82E+2	2.42E+2	X	6.00E+1	X	4.7E+0
Cadmium	1.31E+1	1.40E+0	X	1.00E+1	X	1.3E+0
Chromium	4.32E+1	3.61E+1	X	1.10E+2	X	3.9E-1
Copper	8.11E+1	3.10E+1	X	1.10E+2	X	7.4E-1
Cyanide	8.47E+0	1.75E+0	X	2.50E-1	X	3.4E+1
Manganese	5.53E+2	5.29E+2	X	1.10E+3	X	5.0E-1
Nickel	3.37E+1	2.73E+1	X	7.50E+1	X	4.5E-1
Zinc	4.75E+2	2.19E+2	X	8.20E+2	X	5.8E-1

000015

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SEDIMENTS
UPPER POND
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				
2-Nitroaniline	3.10E+0	1.54E+2	X	2.0E-2
4,4'-DDD	6.80E+1	8.57E+0	X	7.9E+0
4,4'-DDE	2.87E+0	4.35E+0	X	6.6E-1
4,4'-DDT	1.03E+0	1.35E+1	X	7.6E-2
4,6-Dinitro-2-methylphenol	6.20E+0	8.56E+1	X	7.2E-2
Endrin	8.40E-2	1.16E+0	X	7.2E-2
Gamma-Chlordane	1.80E-1	2.61E-2	X	6.9E+0
Heptachlor	4.60E-2	2.22E-1	X	2.1E-1

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Upper Pond
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: Upper Pond
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
%D[illegible]ght: 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: Upper Pond
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: Upper Pond
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
%Ea[illegible]rm Lipid Content: 8.00
%D[illegible]ght: 20.00

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

000020

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: Upper Pond
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: Upper Pond
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
%Ear[illegible]rm Lipid Content: 8.00
%Dr[illegible]ht: 20.00

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

AREA A DOWNSTREAM WATER COURSES/OBDA: UPPER POND

MAXIMUM EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

MALLARD

Predicted Chemical Concentration by Media

Downstream: Upper Pond

Chemical	mg/kg Sediment	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	1.10E+02	2.30E-04	3.31E+01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	6.30E+00	0.00E+00	1.90E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.20E+00	0.00E+00	6.62E-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	3.10E-01	0.00E+00	9.33E-02	0.00E+00	0.00E+00	0.00E+00
Aluminum	3.31E+04	5.08E-01	6.62E+03	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	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	6.35E+02	6.15E-02	1.27E+02	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	1.60E-01	0.00E+00	4.81E-02	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	5.60E+00	0.00E+00	1.12E+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	2.38E+01	0.00E+00	4.76E+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	1.38E+01	0.00E+00	5.52E+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: Upper Pond

Chemical	mg/Kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/Kg Food-Veget.	Inhalation mg/m³ Air	Dermal mg/Kg Soil
Carbon disulfide	4.00E-03	0.00E+00	1.20E-03	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	4.89E+01	0.00E+00	9.78E+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	2.67E+01	0.00E+00	5.34E+00	0.00E+00	0.00E+00	0.00E+00
Copper	9.43E+01	0.00E+00	1.75E+01	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	0.00E+00	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	8.40E-02	0.00E+00	2.53E-02	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	1.80E-01	0.00E+00	5.42E-02	0.00E+00	0.00E+00	0.00E+00
Heptachlor	4.60E-02	0.00E+00	1.38E-02	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	6.39E+05	6.56E+00	1.28E+05	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	1.30E+03	4.59E-01	2.60E+02	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	7.00E-02	6.00E-03	2.11E-02	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	4.67E+01	0.00E+00	9.34E+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	1.40E-01	0.00E+00	4.21E-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

Downstream: Upper Pond

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	3.00E-03	0.00E+00	9.03E-04	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	6.17E+02	6.69E-02	2.84E+02	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
2-Nitroaniline	3.10E+00	0.00E+00	9.33E-01	0.00E+00	0.00E+00	0.00E+00
4,6-Dinitro-2-methylphenol	3.20E+00	0.00E+00	9.63E-01	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			1.13E+03
4,4'-DDE			6.45E+01
4,4'-DDT			2.25E+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			4.15E-03
Aluminum			1.70E+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			8.74E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			9.17E-04
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			4.86E-01
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			1.56E-02
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			1.09E-01
Carbazole			0.00E+00
TOTAL			1.22E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			4.17E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			5.61E-02
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			6.12E-01
Copper			1.63E-02
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			3.21E-04
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			2.41E-03
Heptachlor			6.59E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			1.69E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.37E-04
Naphthalene			0.00E+00
Nickel			6.92E-04
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			2.14E-04
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			8.39E-01

Mallard: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.46E-05
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			1.18E-01
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
2-Nitroaniline			2.84E-03
4,6-Dinitro-2-methylphenol			3.67E-02
TOTAL			1.57E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			1.14E-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			1.27E-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			4.11E-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			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			1.20E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.90E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			5.70E-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			3.47E-03

Mallard: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			6.20E-04
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
2-Nitroaniline			0.00E+00
4,6-Dinitro-2-methylphenol			0.00E+00
TOTAL			6.20E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			1.13E+04
4,4'-DDE			6.45E+02
4,4'-DDT			2.25E+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			4.15E-02
Aluminum			1.13E+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			5.81E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			9.18E-03
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			3.24E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			1.04E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			1.45E+00
Carbazole			0.00E+00
TOTAL			1.22E+04

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			4.17E-05
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			3.73E-01
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			4.07E+00
Copper			1.01E-01
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			3.21E-03
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			2.41E-02
Heptachlor			6.60E-03
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			1.13E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.37E-03
Naphthalene			0.00E+00
Nickel			4.60E-03
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			2.14E-03
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			5.71E+00

Mallard: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.46E-04
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			1.80E+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
2-Nitroaniline			2.85E-02
4,6-Dinitro-2-methylphenol			3.67E-01
TOTAL			2.20E+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		1.04E+00	5.98E+04									
Soil	1.10E+02							1.26E-01		1.00E+00	1.00E+00	1.26E-01
Water	2.30E-04					1.28E-05				1.00E+00	1.00E+00	1.28E-05
Food-an.	3.31E+01			1.26E+00						1.00E+00	1.00E+00	1.26E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+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		1.04E+00	5.98E+04									
Soil	6.30E+00							7.22E-03		1.00E+00	1.00E+00	7.22E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.90E+00			7.23E-02						1.00E+00	1.00E+00	7.23E-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	1.10E+02	1.26E-01	1.12E-04	1.13E+03	
Water	2.30E-04	1.28E-05	1.12E-04	1.14E-01	
Food	3.31E+01	1.26E+00	1.12E-04	1.13E+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					1.24E+04

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.30E+00	7.22E-03	1.12E-04	6.45E+01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.90E+00	7.23E-02	1.12E-04	6.45E+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					7.10E+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		1.04E+00	5.98E+04									
Soil	2.20E+00							2.52E-03		1.00E+00	1.00E+00	2.52E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.62E-01			2.52E-02						1.00E+00	1.00E+00	2.52E-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	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		1.04E+00	5.98E+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

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.20E+00	2.52E-03	1.12E-04	2.25E+01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	6.62E-01	2.52E-02	1.12E-04	2.25E+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					2.48E+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	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

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		1.04E+00	5.98E+04									
Soil	3.10E-01							3.55E-04		1.00E+00	1.00E+00	3.55E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.33E-02			3.56E-03						1.00E+00	1.00E+00	3.56E-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		1.04E+00	5.98E+04									
Soil	3.31E+04							3.80E+01		1.00E+00	1.00E+00	3.80E+01
Water	5.08E-01					2.82E-02				1.00E+00	1.00E+00	2.82E-02
Food-an.	6.62E+03			2.52E+02						1.00E+00	1.00E+00	2.52E+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-03	0.00E+00

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E-01	3.55E-04	8.56E-02	4.15E-03	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	9.33E-02	3.56E-03	8.56E-02	4.15E-02	
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					4.57E-02

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.31E+04	3.80E+01	2.23E+01	1.70E+00	
Water	5.08E-01	2.82E-02	2.23E+01	1.27E-03	
Food	6.62E+03	2.52E+02	2.23E+01	1.13E+01	
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					1.30E+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		1.04E+00	5.98E+04									
Soil	6.35E+02							7.28E-01		1.00E+00	1.00E+00	7.28E-01
Water	6.15E-02					3.42E-03				1.00E+00	1.00E+00	3.42E-03
Food-an.	1.27E+02			4.84E+00						1.00E+00	1.00E+00	4.84E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+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		1.04E+00	5.98E+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

000021

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.35E+02	7.28E-01	8.33E-01	8.74E-01	
Water	6.15E-02	3.42E-03	8.33E-01	4.11E-03	
Food	1.27E+02	4.84E+00	8.33E-01	5.81E+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					6.69E+00

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

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		1.04E+00	5.98E+04									
Soil	1.60E-01							1.83E-04		1.00E+00	1.00E+00	1.83E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.81E-02			1.84E-03						1.00E+00	1.00E+00	1.84E-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

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		1.04E+00	5.98E+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

000023

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-01	1.83E-04	2.00E-01	9.17E-04	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	4.81E-02	1.84E-03	2.00E-01	9.18E-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					1.01E-02

Benzo(g,h,i)perylene	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

000024

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		1.04E+00	5.98E+04									
Soil	5.60E+00							6.42E-03		1.00E+00	1.00E+00	6.42E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.12E+00			4.27E-02						1.00E+00	1.00E+00	4.27E-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

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		1.04E+00	5.98E+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

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.60E+00	6.42E-03	1.32E-02	4.86E-01	
Water	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Food	1.12E+00	4.27E-02	1.32E-02	3.24E+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					3.72E+00

Bis(2-ethylexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
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					0.00E+00

000026

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		1.04E+00	5.98E+04									
Soil	2.38E+01							2.73E-02		1.00E+00	1.00E+00	2.73E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.76E+00			1.81E-01						1.00E+00	1.00E+00	1.81E-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	1.50E-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		1.04E+00	5.98E+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

000027

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.38E+01	2.73E-02	1.75E+00	1.56E-02	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	4.76E+00	1.81E-01	1.75E+00	1.04E-01	
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					1.19E-01

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

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		1.04E+00	5.98E+04									
Soil	1.38E+01							1.58E-02		1.00E+00	1.00E+00	1.58E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.52E+00			2.10E-01						1.00E+00	1.00E+00	2.10E-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-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		1.04E+00	5.98E+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

000029

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.38E+01	1.58E-02	1.45E-01	1.09E-01	
Water	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Food	5.52E+00	2.10E-01	1.45E-01	1.45E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Total					1.56E+00

Carbazole	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

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		1.04E+00	5.98E+04									
Soil	4.00E-03							4.59E-06		1.00E+00	1.00E+00	4.59E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.20E-03			4.59E-05						1.00E+00	1.00E+00	4.59E-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

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		1.04E+00	5.98E+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

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	4.59E-06	1.10E+00	4.17E-06	
Water	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Food	1.20E-03	4.59E-05	1.10E+00	4.17E-05	
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					4.59E-05

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
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					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 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		1.04E+00	5.98E+04									
Soil	4.89E+01							5.61E-02		1.00E+00	1.00E+00	5.61E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.78E+00			3.73E-01						1.00E+00	1.00E+00	3.73E-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

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		1.04E+00	5.98E+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

00003

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.89E+01	5.61E-02	1.00E+00	5.61E-02	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	9.78E+00	3.73E-01	1.00E+00	3.73E-01	
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					4.29E-01

Chrysene	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

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	2.67E+01							3.06E-02		1.00E+00	1.00E+00	3.06E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.34E+00			2.04E-01						1.00E+00	1.00E+00	2.04E-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

Cis-1,3-dichloropropene	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	0.00E+00	0.00E+00	3.00E-02	0.00E+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					0.00E+00

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.67E+01	3.06E-02	5.00E-02	6.12E-01	
Water	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Food	5.34E+00	2.04E-01	5.00E-02	4.07E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Total					4.68E+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		1.04E+00	5.98E+04									
Soil	9.43E+01							1.08E-01		1.00E+00	1.00E+00	1.08E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.75E+01			6.69E-01						1.00E+00	1.00E+00	6.69E-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		1.04E+00	5.98E+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

000037

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.43E+01	1.08E-01	6.64E+00	1.63E-02	
Water	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Food	1.75E+01	6.69E-01	6.64E+00	1.01E-01	
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					1.17E-01

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

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	8.40E-02							9.63E-05		1.00E+00	1.00E+00	9.63E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.53E-02			9.64E-04						1.00E+00	1.00E+00	9.64E-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-03	0.00E+00

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
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					0.00E+00

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.40E-02	9.63E-05	3.00E-01	3.21E-04	
Water	0.00E+00	0.00E+00	3.00E-01	0.00E+00	
Food	2.53E-02	9.64E-04	3.00E-01	3.21E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-01	0.00E+00	
Total					3.53E-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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	1.80E-01							2.06E-04		1.00E+00	1.00E+00	2.06E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.42E-02			2.07E-03						1.00E+00	1.00E+00	2.07E-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

000041

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
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					0.00E+00

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	2.06E-04	8.56E-02	2.41E-03	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	5.42E-02	2.07E-03	8.56E-02	2.41E-02	
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					2.65E-02

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		1.04E+00	5.98E+04									
Soil	4.60E-02							5.27E-05		1.00E+00	1.00E+00	5.27E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.38E-02			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

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		1.04E+00	5.98E+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

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.60E-02	5.27E-05	8.00E-02	6.59E-04	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	1.38E-02	5.28E-04	8.00E-02	6.60E-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					7.26E-03

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
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					0.00E+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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	6.39E+05							7.33E+02		1.00E+00	1.00E+00	7.33E+02
Water	6.56E+00					3.65E-01				1.00E+00	1.00E+00	3.65E-01
Food-an.	1.28E+05			4.87E+03						1.00E+00	1.00E+00	4.87E+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

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	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

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.39E+05	7.33E+02	#DIV/0!	N/A	
Water	6.56E+00	3.65E-01	#DIV/0!	N/A	
Food	1.28E+05	4.87E+03	#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		1.04E+00	5.98E+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		1.04E+00	5.98E+04									
Soil	1.30E+03							1.49E+00		1.00E+00	1.00E+00	1.49E+00
Water	4.59E-01					2.55E-02				1.00E+00	1.00E+00	2.55E-02
Food-an.	2.60E+02			9.91E+00						1.00E+00	1.00E+00	9.91E+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	1.50E-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	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	1.30E+03	1.49E+00	8.80E+00	1.69E-01	
Water	4.59E-01	2.55E-02	8.80E+00	2.90E-03	
Food	2.60E+02	9.91E+00	8.80E+00	1.13E+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					1.30E+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		1.04E+00	5.98E+04									
Soil	7.00E-02							8.03E-05		1.00E+00	1.00E+00	8.03E-05
Water	6.00E-03					3.34E-04				1.00E+00	1.00E+00	3.34E-04
Food-an.	2.11E-02			8.03E-04						1.00E+00	1.00E+00	8.03E-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

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		1.04E+00	5.98E+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

000049

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	8.03E-05	5.85E-01	1.37E-04	
Water	6.00E-03	3.34E-04	5.85E-01	5.70E-04	
Food	2.11E-02	8.03E-04	5.85E-01	1.37E-03	
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					2.08E-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

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		1.04E+00	5.98E+04									
Soil	4.67E+01							5.36E-02		1.00E+00	1.00E+00	5.36E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.34E+00			3.56E-01						1.00E+00	1.00E+00	3.56E-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		1.04E+00	5.98E+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

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.67E+01	5.36E-02	7.74E+01	6.92E-04	
Water	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Food	9.34E+00	3.56E-01	7.74E+01	4.60E-03	
Inhalation					
Air	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Total					5.29E-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

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	1.40E-01							1.61E-04		1.00E+00	1.00E+00	1.61E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.21E-02			1.61E-03						1.00E+00	1.00E+00	1.61E-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-02	0.00E+00

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Water	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Food	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
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					0.00E+00

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-01	1.61E-04	7.50E-01	2.14E-04	
Water	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Food	4.21E-02	1.61E-03	7.50E-01	2.14E-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					2.36E-03

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	3.00E-03							3.44E-06		1.00E+00	1.00E+00	3.44E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.03E-04			3.44E-05						1.00E+00	1.00E+00	3.44E-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

000055

Trans-1,3-dichloropropene	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	0.00E+00	0.00E+00	3.00E-02	0.00E+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					0.00E+00

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.44E-06	1.40E-01	2.46E-05	
Water	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Food	9.03E-04	3.44E-05	1.40E-01	2.46E-04	
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					2.70E-04

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	6.17E+02							7.08E-01		1.00E+00	1.00E+00	7.08E-01
Water	6.69E-02					3.72E-03				1.00E+00	1.00E+00	3.72E-03
Food-an.	2.84E+02			1.08E+01						1.00E+00	1.00E+00	1.08E+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	1.00E-02	0.00E+00

000057

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
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					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.17E+02	7.08E-01	6.00E+00	1.18E-01	
Water	6.69E-02	3.72E-03	6.00E+00	6.20E-04	
Food	2.84E+02	1.08E+01	6.00E+00	1.80E+00	
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					1.92E+00

Pentachlorophenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+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-Nitroaniline	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.10E+00							3.55E-03		1.00E+00	1.00E+00	3.55E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.33E-01			3.56E-02						1.00E+00	1.00E+00	3.56E-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-03	0.00E+00

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

2-Nitroaniline	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E+00	3.55E-03	1.25E+00	2.84E-03	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	9.33E-01	3.56E-02	1.25E+00	2.85E-02	
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					3.13E-02

4,6-Dinitro-2-methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.20E+00							3.67E-03		1.00E+00	1.00E+00	3.67E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.63E-01			3.67E-02						1.00E+00	1.00E+00	3.67E-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	0.00E+00	0.00E+00

4,6-Dinitro-2-methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E+00	3.67E-03	1.00E-01	3.67E-02	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	9.63E-01	3.67E-02	1.00E-01	3.67E-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					4.04E-01

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

RACCOON

Predicted Chemical Concentration by Media

Downstream: Upper Pond

Chemical	mg/kg Sediment	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	1.10E+02	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	6.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.20E+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	3.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	3.31E+04	5.08E-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	6.35E+02	6.15E-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	1.60E-01	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	5.60E+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	2.38E+01	0.00E+00	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	1.38E+01	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: Upper Pond

Chemical	mg/kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	ng/m³ Inhalation Air	mg/kg Dermal Soil
Carbon disulfide	4.00E-03	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	4.89E+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	2.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	9.43E+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	0.00E+00	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	8.40E-02	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	1.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	4.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor epoxide	0.00E+00	0.00E+00	Frog	0.00E+00	0.00E+00	0.00E+00
Indeno(1,2,3-Cd)pyrene	0.00E+00	0.00E+00	Frog	0.00E+00	0.00E+00	0.00E+00
Iron	6.39E+05	6.56E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	1.30E+03	4.59E-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	7.00E-02	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	4.67E+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	1.40E-01	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: Upper Pond

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	3.00E-03	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	6.17E+02	6.69E-02	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
2-Nitroaniline	3.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,6-Dinitro-2-methylphenol	3.20E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
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			2.39E+00
4,4'-DDE			1.37E-01
4,4'-DDT			4.78E-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			1.18E-03
Aluminum			1.15E+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			2.18E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			1.39E-03
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			7.37E-01
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			4.72E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			4.75E-01
Carbazole			0.00E+00
TOTAL			1.75E+01

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

CHEMICAL			HAZARD QUOTIEN
Carbon disulfide			6.31E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			9.23E-01
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			9.27E-01
Copper			2.48E-02
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			7.93E-03
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			6.82E-04
Heptachlor			9.99E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			2.57E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			2.08E-04
Naphthalene			0.00E+00
Nickel			2.03E-02
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			3.24E-04
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			2.16E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
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			3.72E-05
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			6.70E-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
2-Nitroaniline			4.31E-03
4,6-Dinitro-2-methylphenol			5.56E-02
TOTAL			1.27E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			3.25E-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			1.15E-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			1.37E-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			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			2.56E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			5.90E-04
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.16E-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			7.06E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			4.73E-05
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
2-Nitroaniline			0.00E+00
4,6-Dinitro-2-methylphenol			0.00E+00
TOTAL			4.73E-05

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: UPPER POND
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: UPPER POND
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			N/A
Indeno(1,2,3-Cd)pyrene			N/A
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: UPPER POND
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
2-Nitroaniline			0.00E+00
4,6-Dinitro-2-methylphenol			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	1.10E+02							3.82E-01		1.00E+00	1.00E+00	3.82E-01
Water	2.30E-04					5.20E-06				1.00E+00	1.00E+00	5.20E-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	6.30E+00							2.19E-02		1.00E+00	1.00E+00	2.19E-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

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.10E+02	3.82E-01	1.60E-01	2.39E+00	
Water	2.30E-04	5.20E-06	1.60E-01	3.25E-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					2.39E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.30E+00	2.19E-02	1.60E-01	1.37E-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					1.37E-01

Raccoon: Upper Pond
Maximu[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 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	2.20E+00							7.64E-03		1.00E+00	1.00E+00	7.64E-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	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: Upper Pond
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.20E+00	7.64E-03	1.60E-01	4.78E-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					4.78E-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

000148

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	3.10E-01							1.08E-03		1.00E+00	1.00E+00	1.08E-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	3.31E+04							1.15E+02		1.00E+00	1.00E+00	1.15E+02
Water	5.08E-01					1.15E-02				1.00E+00	1.00E+00	1.15E-02
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: Upper Pond
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E-01	1.08E-03	9.16E-01	1.18E-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					1.18E-03

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.31E+04	1.15E+02	1.00E+01	1.15E+01	
Water	5.08E-01	1.15E-02	1.00E+01	1.15E-03	
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					1.16E+01

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 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

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

000022

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	6.35E+02							2.21E+00		1.00E+00	1.00E+00	2.21E+00
Water	6.15E-02					1.39E-03				1.00E+00	1.00E+00	1.39E-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: Upper Pond
Maximum Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.35E+02	2.21E+00	1.01E+00	2.18E+00	
Water	6.15E-02	1.39E-03	1.01E+00	1.37E-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					2.26E+00

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

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 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	1.60E-01							5.56E-04		1.00E+00	1.00E+00	5.56E-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

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 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

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-01	5.56E-04	4.00E-01	1.39E-03	
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					1.39E-03

Benzo(g,h,i)perylene	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

000426

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 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	5.60E+00							1.94E-02		1.00E+00	1.00E+00	1.94E-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

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 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

Raccoon: Upper Pond
Maximum Concentration

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.60E+00	1.94E-02	2.64E-02	7.37E-01	
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					7.37E-01

Bis(2-ethylexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Water	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Food	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
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					0.00E+00

Raccoon: Upper Pond
Maximur 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 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	2.38E+01							8.27E-02		1.00E+00	1.00E+00	8.27E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
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: Upper Pond
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.38E+01	8.27E-02	1.75E+01	4.72E-03	
Water	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
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					4.28E-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

00030

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	1.38E+01							4.79E-02		1.00E+00	1.00E+00	4.79E-02
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

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.38E+01	4.79E-02	1.01E-01	4.75E-01	
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					5.63E-01

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: Upper Pond
Maximur ncentration

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		3.67E+00	1.36E+05									
Soil	4.00E-03							1.39E-05		1.00E+00	1.00E+00	1.39E-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

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		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: Upper Pond
Maximum Concentration

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	1.39E-05	2.20E+00	6.31E-06	
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					6.31E-06

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Total					0.00E+00

000034

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	4.89E+01							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.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+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

Raccoon: Upper Pond
Maximum Concentration

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.89E+01	1.70E-01	1.84E-01	9.23E-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					9.23E-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

Raccoon: Upper Pond
Maximu[illegible]ncentration

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	2.67E+01							9.27E-02		1.00E+00	1.00E+00	9.27E-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	2.67E+01	9.27E-02	1.00E-01	9.27E-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					9.27E-01

00038

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	9.43E+01							3.28E-01		1.00E+00	1.00E+00	3.28E-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 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	9.43E+01	3.28E-01	1.32E+01	2.48E-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					4.19E-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

Raccoon: Upper Pond
Maximur 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		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

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		3.67E+00	1.36E+05									
Soil	8.40E-02							2.92E-04		1.00E+00	1.00E+00	2.92E-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-03	0.00E+00

Raccoon: Upper Pond
Maximum Concentration

Endosulfan sulfate	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	0.00E+00	0.00E+00	3.00E-02	0.00E+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					0.00E+00

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.40E-02	2.92E-04	3.68E-02	7.93E-03	
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					7.93E-03

Raccoon: Upper Pond
Maximur 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 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

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 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-01							6.25E-04		1.00E+00	1.00E+00	6.25E-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: Upper Pond
Maximum Concentration

Fluorene	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

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	6.25E-04	9.16E-01	6.82E-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					6.82E-04

Raccoon: Upper Pond
Maximur 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		3.67E+00	1.36E+05									
Soil	4.60E-02							1.60E-04		1.00E+00	1.00E+00	1.60E-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

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		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: Upper Pond
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.60E-02	1.60E-04	1.60E-01	9.99E-04	
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					9.99E-04

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Total					0.00E+00

Raccoon: Upper Pond
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 Uptake from 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	6.39E+05							2.22E+03		1.00E+00	1.00E+00	2.22E+03
Water	6.56E+00					1.48E-01				1.00E+00	1.00E+00	1.48E-01
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

000047

Raccoon: Upper Pond
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	6.39E+05	2.22E+03	0.00E+00	N/A	
Water	6.56E+00	1.48E-01	0.00E+00	N/A	
Food	1.92E+02	3.08E+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

000048

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	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.	2.70E+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	1.30E+03							4.52E+00		1.00E+00	1.00E+00	4.52E+00
Water	4.59E-01					1.04E-02				1.00E+00	1.00E+00	1.04E-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: Upper Pond
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	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					2.72E-02

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E+03	4.52E+00	1.76E+01	2.57E-01	
Water	4.59E-01	1.04E-02	1.76E+01	5.90E-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					2.66E-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 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	7.00E-02							2.43E-04		1.00E+00	1.00E+00	2.43E-04
Water	6.00E-03					1.36E-04				1.00E+00	1.00E+00	1.36E-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

Raccoon: Upper Pond
Maximum Concentration

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-02	2.43E-04	1.17E+00	2.08E-04	
Water	6.00E-03	1.36E-04	1.17E+00	1.16E-04	
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					3.24E-04

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

00452

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	4.67E+01							1.62E-01		1.00E+00	1.00E+00	1.62E-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 Uptake from 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: Upper Pond
Maximum Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.67E+01	1.62E-01	8.00E+00	2.03E-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					2.03E-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

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	1.40E-01							4.86E-04		1.00E+00	1.00E+00	4.86E-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: Upper Pond
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	1.40E-01	4.86E-04	1.50E+00	3.24E-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					3.24E-04

Raccoon: Upper Pond
Maximum Concentration

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

Raccoon: Upper Pond
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: Upper Pond
Maximu[illegible]ncentration

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 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

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 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	3.00E-03							1.04E-05		1.00E+00	1.00E+00	1.04E-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

Raccoon: Upper Pond
Maximum Concentration

Trans-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

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	1.04E-05	2.80E-01	3.72E-05	
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					3.72E-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 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	6.17E+02							2.14E+00		1.00E+00	1.00E+00	2.14E+00
Water	6.69E-02					1.51E-03				1.00E+00	1.00E+00	1.51E-03
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: Upper Pond
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	6.17E+02	2.14E+00	3.20E+01	6.70E-02	
Water	6.69E-02	1.51E-03	3.20E+01	4.73E-05	
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					8.66E-02

Raccoon Upper Pond
Maximum Concentration

000132

Pentachlorophenol	Predicted Concent.	Weight 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

2-Nitroaniline	Predicted Concent.	Weight 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	3.10E+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-03	0.00E+00

Raccoon: Upper Pond
Maximum Concentration

Pentachlorophenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Total					0.00E+00

2-Nitroaniline	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E+00	1.08E-02	2.50E+00	4.31E-03	
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					4.31E-03

Raccoon: Upper Pond
Maximum Concentration

4,6-Dinitro-2-methylphenol	Predicted Concent.	Weight 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.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+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

Raccoon: Upper Pond
Maximum Concentration

4,6-Dinitro-2-methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E+00	1.11E-02	2.00E-01	5.56E-02	
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					5.56E-02

Raccoon: Upper Pond
Maximu ncentration

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

Downstream: Upper Pond

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	2.30E-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	5.08E-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	6.15E-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	0.00E+00	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: Upper Pond

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	6.56E+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	4.59E-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: Upper Pond

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	6.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
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

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
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

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
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
DOWNSTREAM: UPPER POND
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			2.14E-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			7.55E-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			9.03E-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			1.68E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			3.88E-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			4.64E-01

Shrew: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			3.11E-02
TOTAL			3.11E-02

Shrew: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: UPPER POND
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: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: UPPER POND
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: UPPER POND
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: Upper Pond
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	2.30E-04					3.42E-03				1.00E+00	1.00E+00	3.42E-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

Shrew: Upper Pond
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	2.30E-04	3.42E-03	1.60E-01	2.14E-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: Upper Pond
Maximu[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	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: Upper Pond
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: Upper Pond
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	5.08E-01					7.55E+00				1.00E+00	1.00E+00	7.55E+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

Shrew: Upper Pond
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	5.08E-01	7.55E+00	1.00E+01	7.55E-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					7.55E-01

Shrew: Upper Pond
Maximu 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: Upper Pond
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: Upper Pond
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	6.15E-02					9.14E-01				1.00E+00	1.00E+00	9.14E-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: Upper Pond
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	6.15E-02	9.14E-01	1.01E+00	9.03E-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					9.03E 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: Upper Pond
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		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

000025

Shrew: Upper Pond
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

000026

Shrew: Upper Pond
Maximum Concentration

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

000027

Shrew: Upper Pond
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

Shrew: Upper Pond
Maximur 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

Shrew: Upper Pond
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: Upper Pond
Maximu[illegible]ncentration

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	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		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.56E+00					9.75E+01				1.00E+00	1.00E+00	9.75E+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-02	0.00E+00

000031

Shrew: Upper Pond
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	0.00E+00	0.00E+00	0.00E+00	N/A	
Water	6.56E+00	9.75E+01	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

Shrew: Upper Pond
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		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	4.59E-01					6.82E+00				1.00E+00	1.00E+00	6.82E+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: Upper Pond
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	4.59E-01	6.82E+00	1.76E+01	3.88E-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					3.88E-01

Shrew: Upper Pond
Maximur ncentration

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

Shrew: Upper Pond
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

Shrew: Upper Pond
Maximu 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		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

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	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.69E-02					9.95E-01				1.00E+00	1.00E+00	9.95E-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-02	0.00E+00

000037

Shrew: Upper Pond
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	6.69E-02	9.95E-01	3.20E+01	3.11E-02	
Food	0.00E+00	0.00E+00	3.20E+01	0.00E+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					3.11E-02

Shrew: Upper Pond
Maximum Concentration

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

Downstream: Upper Pond

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	2.30E-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	5.08E-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	6.15E-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	0.00E+00	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: Upper Pond

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	6.56E+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	4.59E-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

Owl: Upper Pond
Maximum Concentration

Predicted Chemical Concentration by Media

Downstream: Upper Pond

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	6.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
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: UPPER POND
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: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: UPPER POND
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: Upper Pond
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			2.24E-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			2.49E-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			8.05E-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			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			2.35E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			5.69E-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			6.81E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: UPPER POND
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			6.08E-03
TOTAL			6.08E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: UPPER POND
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: UPPER POND
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: UPPER POND
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: Upper Pond
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	2.30E-04					2.51E-05				1.00E+00	1.00E+00	2.51E-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: Upper Pond
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	2.30E-04	2.51E-05	1.12E-04	2.24E-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: Up· ·nd
Maximu 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	1.40E+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: Upper Pond
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

Owl: Upr ond
Maximu 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 Uptake from 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	5.08E-01					5.54E-02				1.00E+00	1.00E+00	5.54E-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: Upper Pond
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	5.08E-01	5.54E-02	2.23E+01	2.49E-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					2.49E-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

Owl: Upper Pond
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	6.15E-02					6.71E-03				1.00E+00	1.00E+00	6.71E-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

Owl: Upper Pond
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	6.15E-02	6.71E-03	8.33E-01	8.05E-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					8.05E-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

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

000025

Owl: Upper Pond
Maximum Concentration

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

000026

Owl: Upper Pond
Maximu[illegible] [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

000027

Owl: Upper Pond
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

000028

Owl: Upper Pond
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: Upper Pond
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: Upper Pond
Maximu[illegible]ncentration

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	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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.56E+00					7.16E-01				1.00E+00	1.00E+00	7.16E-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-02	0.00E+00

000031

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	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

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	6.56E+00	7.16E-01	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

Owl: Upper Pond
Maximu[illegible]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	4.59E-01					5.01E-02				1.00E+00	1.00E+00	5.01E-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: Upper Pond
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	4.59E-01	5.01E-02	8.80E+00	5.69E-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					5.69E-03

Owl: Upper Pond
Maximum Concentration

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	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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	6.69E-02					7.30E-03				1.00E+00	1.00E+00	7.30E-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-02	0.00E+00

000035

Owl: Upper Pond
Maximum Concentration

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
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					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Water	6.69E-02	7.30E-03	1.20E+00	6.08E-03	
Food	0.00E+00	0.00E+00	1.20E+00	0.00E+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					6.08E-03

Owl: Upper Pond
Maxim[illegible]oncentration

AREA A DOWNSTREAM WATER COURSES/OBDA: UPPER POND

AVERAGE EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

MALLARD

Predicted Chemical Concentration by Media

Upper Pond

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	6.80E+01	1.05E-04	2.05E+01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	2.87E+00	0.00E+00	8.64E-01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.03E+00	0.00E+00	3.09E-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	2.08E-01	0.00E+00	6.25E-02	0.00E+00	0.00E+00	0.00E+00
Aluminum	2.92E+04	2.91E-01	5.84E+03	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	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	2.82E+02	4.21E-02	5.64E+01	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	1.60E-01	0.00E+00	4.81E-02	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	5.03E+00	0.00E+00	1.01E+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	2.38E+01	0.00E+00	4.76E+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	1.40E+00	0.00E+00	5.60E-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

Upper Pond

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	4.00E-03	0.00E+00	1.20E-03	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	4.32E+01	0.00E+00	8.64E+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	1.51E+01	0.00E+00	3.02E+00	0.00E+00	0.00E+00	0.00E+00
Copper	8.11E+01	0.00E+00	1.51E+01	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	0.00E+00	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	8.40E-02	0.00E+00	2.53E-02	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	1.80E-01	0.00E+00	5.42E-02	0.00E+00	0.00E+00	0.00E+00
Heptachlor	4.60E-02	0.00E+00	1.38E-02	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	2.40E+05	3.41E+00	4.80E+04	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	5.53E+02	3.14E-01	1.11E+02	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	3.73E-02	4.00E-03	1.12E-02	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	3.37E+01	0.00E+00	6.74E+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	1.40E-01	0.00E+00	4.21E-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

Upper Pond

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	3.00E-03	0.00E+00	9.03E-04	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	4.75E+02	3.37E-02	2.19E+02	0.00E+00	0.00E+00	0.00E+00
2,4,- Dimethylphenol	0.00E+00	3.37E-02	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
2-Nitroaniline	3.10E+00	0.00E+00	9.33E-01	0.00E+00	0.00E+00	0.00E+00
4,6-Dinitro-2-methylphenol	3.20E+00	0.00E+00	9.63E-01	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			6.96E+02
4,4'-DDE			2.94E+01
4,4'-DDT			1.05E+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			2.78E-03
Aluminum			1.50E+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			3.88E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			9.17E-04
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			4.37E-01
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			1.56E-02
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			1.11E-02
Carbazole			0.00E+00
TOTAL			7.38E+02

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			4.17E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			4.95E-02
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			3.46E-01
Copper			1.40E-02
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			3.21E-04
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			2.41E-03
Heptachlor			6.59E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			7.21E-02
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			7.32E-05
Naphthalene			0.00E+00
Nickel			4.99E-04
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			2.14E-04
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			4.86E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.46E-05
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			9.08E-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
2-Nitroaniline			2.84E-03
4,6-Dinitro-2-methylphenol			3.67E-02
TOTAL			1.30E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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-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			7.26E-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			2.81E-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			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			5.57E-02

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			1.98E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			3.80E-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			2.36E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			3.12E-04
2,4,- Dimethylphenol			3.75E-03
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
2-Nitroaniline			0.00E+00
4,6-Dinitro-2-methylphenol			0.00E+00
TOTAL			4.06E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			6.97E+03
4,4'-DDE			2.94E+02
4,4'-DDT			1.05E+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			2.79E-02
Aluminum			9.99E+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			2.58E+00
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			9.18E-03
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			2.91E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			1.04E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			1.47E-01
Carbazole			0.00E+00
TOTAL			7.38E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			4.17E-05
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			3.29E-01
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			2.30E+00
Copper			8.66E-02
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			3.21E-03
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			2.41E-02
Heptachlor			6.60E-03
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			4.79E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			7.32E-04
Naphthalene			0.00E+00
Nickel			3.32E-03
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			2.14E-03
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.24E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
BACKGROUND
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.46E-04
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			1.39E+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
2-Nitroaniline			2.85E-02
4,6-Dinitro-2-methylphenol			3.67E-01
TOTAL			1.78E+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		1.04E+00	5.98E+04									
Soil	6.80E+01							7.80E-02		1.00E+00	1.00E+00	7.80E-02
Water	1.05E-04					5.84E-06				1.00E+00	1.00E+00	5.84E-06
Food-an.	2.05E+01			7.80E-01						1.00E+00	1.00E+00	7.80E-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		1.04E+00	5.98E+04									
Soil	2.87E+00							3.29E-03		1.00E+00	1.00E+00	3.29E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.64E-01			3.29E-02						1.00E+00	1.00E+00	3.29E-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	6.80E+01	7.80E-02	1.12E-04	6.96E+02	
Water	1.05E-04	5.84E-06	1.12E-04	5.21E-02	
Food	2.05E+01	7.80E-01	1.12E-04	6.97E+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					7.66E+03

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.87E+00	3.29E-03	1.12E-04	2.94E+01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	8.64E-01	3.29E-02	1.12E-04	2.94E+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					3.23E+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		1.04E+00	5.98E+04									
Soil	1.03E+00							1.18E-03		1.00E+00	1.00E+00	1.18E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.09E-01			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	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		1.04E+00	5.98E+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

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.03E+00	1.18E-03	1.12E-04	1.05E+01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	3.09E-01	1.18E-02	1.12E-04	1.05E+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					1.16E+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	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		1.04E+00	5.98E+04									
Soil	2.08E-01							2.38E-04		1.00E+00	1.00E+00	2.38E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.25E-02			2.38E-03						1.00E+00	1.00E+00	2.38E-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		1.04E+00	5.98E+04									
Soil	2.92E+04							3.35E+01		1.00E+00	1.00E+00	3.35E+01
Water	2.91E-01					1.62E-02				1.00E+00	1.00E+00	1.62E-02
Food-an.	5.84E+03			2.23E+02						1.00E+00	1.00E+00	2.23E+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-03	0.00E+00

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.08E-01	2.38E-04	8.56E-02	2.78E-03	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	6.25E-02	2.38E-03	8.56E-02	2.79E-02	
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					3.06E-02

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.92E+04	3.35E+01	2.23E+01	1.50E+00	
Water	2.91E-01	1.62E-02	2.23E+01	7.26E-04	
Food	5.84E+03	2.23E+02	2.23E+01	9.99E+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					1.15E+01

000020

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		1.04E+00	5.98E+04									
Soil	2.82E+02							3.23E-01		1.00E+00	1.00E+00	3.23E-01
Water	4.21E-02					2.34E-03				1.00E+00	1.00E+00	2.34E-03
Food-an.	5.64E+01			2.15E+00						1.00E+00	1.00E+00	2.15E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+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		1.04E+00	5.98E+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

000021

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.82E+02	3.23E-01	8.33E-01	3.88E-01	
Water	4.21E-02	2.34E-03	8.33E-01	2.81E-03	
Food	5.64E+01	2.15E+00	8.33E-01	2.58E+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					2.97E+00

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

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		1.04E+00	5.98E+04									
Soil	1.60E-01							1.83E-04		1.00E+00	1.00E+00	1.83E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.81E-02			1.84E-03						1.00E+00	1.00E+00	1.84E-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

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		1.04E+00	5.98E+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

00023

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-01	1.83E-04	2.00E-01	9.17E-04	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	4.81E-02	1.84E-03	2.00E-01	9.18E-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					1.01E-02

Benzo(g,h,i)perylene	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

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		1.04E+00	5.98E+04									
Soil	5.03E+00							5.77E-03		1.00E+00	1.00E+00	5.77E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.01E+00			3.84E-02						1.00E+00	1.00E+00	3.84E-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

Bis(2-ethylhexyl)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		1.04E+00	5.98E+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

000025

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.03E+00	5.77E-03	1.32E-02	4.37E-01	
Water	0.00E+00	0.00E+00	1.32E-02	0.00E+00	
Food	1.01E+00	3.84E-02	1.32E-02	2.91E+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					3.34E+00

Bis(2-ethylhexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.22E-01	0.00E+00	
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					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		1.04E+00	5.98E+04									
Soil	2.38E+01							2.73E-02		1.00E+00	1.00E+00	2.73E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.76E+00			1.81E-01						1.00E+00	1.00E+00	1.81E-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	1.50E-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		1.04E+00	5.98E+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

000027

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.38E+01	2.73E-02	1.75E+00	1.56E-02	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	4.76E+00	1.81E-01	1.75E+00	1.04E-01	
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					1.19E-01

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

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		1.04E+00	5.98E+04									
Soil	1.40E+00							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.	5.60E-01			2.14E-02						1.00E+00	1.00E+00	2.14E-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

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		1.04E+00	5.98E+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

000029

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	1.61E-03	1.45E-01	1.11E-02	
Water	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Food	5.60E-01	2.14E-02	1.45E-01	1.47E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Total					1.58E-01

Carbazole	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

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		1.04E+00	5.98E+04									
Soil	4.00E-03							4.59E-06		1.00E+00	1.00E+00	4.59E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.20E-03			4.59E-05						1.00E+00	1.00E+00	4.59E-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

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		1.04E+00	5.98E+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

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	4.59E-06	1.10E+00	4.17E-06	
Water	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Food	1.20E-03	4.59E-05	1.10E+00	4.17E-05	
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					4.59E-05

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
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					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 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		1.04E+00	5.98E+04									
Soil	4.32E+01							4.95E-02		1.00E+00	1.00E+00	4.95E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	8.64E+00			3.29E-01						1.00E+00	1.00E+00	3.29E-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	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		1.04E+00	5.98E+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

000033

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.32E+01	4.95E-02	1.00E+00	4.95E-02	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	8.64E+00	3.29E-01	1.00E+00	3.29E-01	
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					3.79E-01

Chrysene	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

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	1.51E+01							1.73E-02		1.00E+00	1.00E+00	1.73E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.02E+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	1.00E-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	3.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.00E-02	0.00E+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					0.00E+00

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.51E+01	1.73E-02	5.00E-02	3.46E-01	
Water	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Food	3.02E+00	1.15E-01	5.00E-02	2.30E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Total					2.65E+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		1.04E+00	5.98E+04									
Soil	8.11E+01							9.30E-02		1.00E+00	1.00E+00	9.30E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.51E+01			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	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		1.04E+00	5.98E+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

000037

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.11E+01	9.30E-02	6.64E+00	1.40E-02	
Water	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Food	1.51E+01	5.75E-01	6.64E+00	8.66E-02	
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					1.01E-01

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

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	8.40E-02							9.63E-05		1.00E+00	1.00E+00	9.63E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.53E-02			9.64E-04						1.00E+00	1.00E+00	9.64E-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-03	0.00E+00

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
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					0.00E+00

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.40E-02	9.63E-05	3.00E-01	3.21E-04	
Water	0.00E+00	0.00E+00	3.00E-01	0.00E+00	
Food	2.53E-02	9.64E-04	3.00E-01	3.21E-03	
Inhalation					
Air	0.00E+00	0.00E+00	3.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	3.00E-01	0.00E+00	
Total					3.53E-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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	1.80E-01							2.06E-04		1.00E+00	1.00E+00	2.06E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.42E-02			2.07E-03						1.00E+00	1.00E+00	2.07E-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

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
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					0.00E+00

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	2.06E-04	8.56E-02	2.41E-03	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	5.42E-02	2.07E-03	8.56E-02	2.41E-02	
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					2.65E-02

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		1.04E+00	5.98E+04									
Soil	4.60E-02							5.27E-05		1.00E+00	1.00E+00	5.27E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.38E-02			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

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		1.04E+00	5.98E+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

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.60E-02	5.27E-05	8.00E-02	6.59E-04	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	1.38E-02	5.28E-04	8.00E-02	6.60E-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					7.26E-03

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
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					0.00E+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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	2.40E+05							2.75E+02		1.00E+00	1.00E+00	2.75E+02
Water	3.41E+00					1.90E-01				1.00E+00	1.00E+00	1.90E-01
Food-an.	4.80E+04			1.83E+03						1.00E+00	1.00E+00	1.83E+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

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	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

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.40E+05	2.75E+02	#DIV/0!	N/A	
Water	3.41E+00	1.90E-01	#DIV/0!	N/A	
Food	4.80E+04	1.83E+03	#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		1.04E+00	5.98E+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		1.04E+00	5.98E+04									
Soil	5.53E+02							6.34E-01		1.00E+00	1.00E+00	6.34E-01
Water	3.14E-01					1.75E-02				1.00E+00	1.00E+00	1.75E-02
Food-an.	1.11E+02			4.22E+00						1.00E+00	1.00E+00	4.22E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								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

000047

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	5.53E+02	6.34E-01	8.80E+00	7.21E-02	
Water	3.14E-01	1.75E-02	8.80E+00	1.98E-03	
Food	1.11E+02	4.22E+00	8.80E+00	4.79E-01	
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					5.53E-01

000048

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		1.04E+00	5.98E+04									
Soil	3.73E-02							4.28E-05		1.00E+00	1.00E+00	4.28E-05
Water	4.00E-03					2.22E-04				1.00E+00	1.00E+00	2.22E-04
Food-an.	1.12E-02			4.28E-04						1.00E+00	1.00E+00	4.28E-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

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		1.04E+00	5.98E+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

000049

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.73E-02	4.28E-05	5.85E-01	7.32E-05	
Water	4.00E-03	2.22E-04	5.85E-01	3.80E-04	
Food	1.12E-02	4.28E-04	5.85E-01	7.32E-04	
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					1.19E-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

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		1.04E+00	5.98E+04									
Soil	3.37E+01							3.86E-02		1.00E+00	1.00E+00	3.86E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.74E+00			2.57E-01						1.00E+00	1.00E+00	2.57E-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		1.04E+00	5.98E+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

000051

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.37E+01	3.86E-02	7.74E+01	4.99E-04	
Water	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Food	6.74E+00	2.57E-01	7.74E+01	3.32E-03	
Inhalation					
Air	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Total					3.82E-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

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	1.40E-01							1.61E-04		1.00E+00	1.00E+00	1.61E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	4.21E-02			1.61E-03						1.00E+00	1.00E+00	1.61E-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-02	0.00E+00

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Water	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Food	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
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					0.00E+00

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-01	1.61E-04	7.50E-01	2.14E-04	
Water	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Food	4.21E-02	1.61E-03	7.50E-01	2.14E-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					2.36E-03

000054

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	3.00E-03							3.44E-06		1.00E+00	1.00E+00	3.44E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.03E-04			3.44E-05						1.00E+00	1.00E+00	3.44E-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

Trans-1,3-dichloropropene	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	0.00E+00	0.00E+00	3.00E-02	0.00E+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					0.00E+00

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.44E-06	1.40E-01	2.46E-05	
Water	0.00E+00	0.00E+00	1.40E-01	0.00E+00	
Food	9.03E-04	3.44E-05	1.40E-01	2.46E-04	
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					2.70E-04

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	4.75E+02							5.45E-01		1.00E+00	1.00E+00	5.45E-01
Water	3.37E-02					1.87E-03				1.00E+00	1.00E+00	1.87E-03
Food-an.	2.19E+02			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

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
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					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.75E+02	5.45E-01	6.00E+00	9.08E-02	
Water	3.37E-02	1.87E-03	6.00E+00	3.12E-04	
Food	2.19E+02	8.33E+00	6.00E+00	1.39E+00	
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					1.48E+00

2,4,- Dimethylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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		1.04E+00	5.98E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.37E-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	3.00E-02	0.00E+00

4-Methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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		1.04E+00	5.98E+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

000059

2,4,- Dimethylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Water	3.37E-02	1.87E-03	5.00E-01	3.75E-03	
Food	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Total					3.75E-03

4-Methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
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					0.00E+00

Pentachlorophenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+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-Nitroaniline	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.10E+00							3.55E-03		1.00E+00	1.00E+00	3.55E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.33E-01			3.56E-02						1.00E+00	1.00E+00	3.56E-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-03	0.00E+00

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

2-Nitroaniline	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E+00	3.55E-03	1.25E+00	2.84E-03	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	9.33E-01	3.56E-02	1.25E+00	2.85E-02	
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					3.13E-02

4,6-Dinitro-2-methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.20E+00							3.67E-03		1.00E+00	1.00E+00	3.67E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.63E-01			3.67E-02						1.00E+00	1.00E+00	3.67E-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	0.00E+00	0.00E+00

4,6-Dinitro-2-methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E+00	3.67E-03	1.00E-01	3.67E-02	
Water	0.00E+00	0.00E+00	1.00E-01	0.00E+00	
Food	9.63E-01	3.67E-02	1.00E-01	3.67E-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					4.04E-01

000064

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

RACCOON

Predicted Chemical Concentration by Media

Upper Pond

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	6.80E+01	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	2.87E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.03E+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	2.08E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	2.92E+04	2.91E-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	2.82E+02	4.21E-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	1.60E-01	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	5.03E+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	2.38E+01	0.00E+00	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	1.40E+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

Upper Pond

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	4.00E-03	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	4.32E+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	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	8.11E+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	0.00E+00	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	8.40E-02	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	1.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	4.60E-02	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	2.40E+05	3.41E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	5.53E+02	3.14E-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	3.73E-02	4.00E-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	3.37E+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	1.40E-01	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 Upper Pond					mg/m³	mg/kg
Chemical	mg/kg	mg/L	Ingestion mg/kg	mg/kg	Inhalation	Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	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	3.00E-03	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	4.75E+02	3.37E-02	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
2-Nitroaniline	3.10E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,6-Dinitro-2-methylphenol	3.20E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Raccoon: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
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			1.48E+00
4,4'-DDE			6.23E-02
4,4'-DDT			2.23E-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			7.88E-04
Aluminum			1.01E+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			9.68E-01
Benzene			0.00E+00
Benzo(a)anthracene			0.00E+00
Benzo(a)pyrene			0.00E+00
Benzo(b)fluoranthene			1.39E-03
Benzo(g,h,i)perylene			0.00E+00
Benzo(k)fluoranthene			0.00E+00
Benzoic acid			0.00E+00
Beryllium			6.62E-01
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			4.72E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			4.82E-02
Carbazole			0.00E+00
TOTAL			1.34E+01

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

CHEMICAL			HAZARD QUOTIEN
Carbon disulfide			6.31E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			8.15E-01
Chrysene			0.00E+00
Cis-1,3-dichloropropene			0.00E+00
Cobalt			5.24E-01
Copper			2.13E-02
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			7.93E-03
Endrin aldehyde			0.00E+00
Endrin ketone			0.00E+00
Ethylbenzene			0.00E+00
Fluoranthene			0.00E+00
Fluorene			0.00E+00
Gamma-Chlordane			6.82E-04
Heptachlor			9.99E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			0.00E+00
Iron			N/A
Lead			0.00E+00
Manganese			1.09E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.11E-04
Naphthalene			0.00E+00
Nickel			1.46E-02
OCDD			0.00E+00
Phenanthrene			0.00E+00
Pyrene			3.24E-04
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.50E+00

Raccoon: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
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			3.72E-05
Vanadium			0.00E+00
Vinyl acetate			0.00E+00
Xylenes, total			0.00E+00
Zinc			5.16E-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
2-Nitroaniline			4.31E-03
4,6-Dinitro-2-methylphenol			5.56E-02
TOTAL			1.11E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			1.48E-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			6.58E-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			9.41E-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			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			1.61E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			4.03E-04
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			7.73E-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			4.81E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			2.38E-05
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
2-Nitroaniline			0.00E+00
4,6-Dinitro-2-methylphenol			0.00E+00
TOTAL			2.38E-05

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
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: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
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
UPPER POND
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
2-Nitroaniline			0.00E+00
4,6-Dinitro-2-methylphenol			0.00E+00
TOTAL			1.96E-02

Raccoon: Upper Pond
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	6.80E+01							2.36E-01		1.00E+00	1.00E+00	2.36E-01
Water	1.05E-04					2.37E-06				1.00E+00	1.00E+00	2.37E-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	2.87E+00							9.97E-03		1.00E+00	1.00E+00	9.97E-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: Upper Pond
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.80E+01	2.36E-01	1.60E-01	1.48E+00	
Water	1.05E-04	2.37E-06	1.60E-01	1.48E-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					1.48E+00

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.87E+00	9.97E-03	1.60E-01	6.23E-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					6.23E-02

Raccoon: Upper Pond
Averag[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		3.67E+00	1.36E+05									
Soil	1.03E+00							3.56E-03		1.00E+00	1.00E+00	3.56E-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 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: Upper Pond
Average Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.03E+00	3.56E-03	1.60E-01	2.23E-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					2.23E-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 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	2.08E-01							7.22E-04		1.00E+00	1.00E+00	7.22E-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

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	2.92E+04							1.01E+02		1.00E+00	1.00E+00	1.01E+02
Water	2.91E-01					6.58E-03				1.00E+00	1.00E+00	6.58E-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: Upper Pond
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.08E-01	7.22E-04	9.16E-01	7.88E-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					7.88E-04

Aluminum	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.92E+04	1.01E+02	1.00E+01	1.01E+01	
Water	2.91E-01	6.58E-03	1.00E+01	6.58E-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					1.03E+01

000420

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

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

000322

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	2.82E+02							9.79E-01		1.00E+00	1.00E+00	9.79E-01
Water	4.21E-02					9.52E-04				1.00E+00	1.00E+00	9.52E-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: Upper Pond
Average Concentration

Barium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.82E+02	9.79E-01	1.01E+00	9.68E-01	
Water	4.21E-02	9.52E-04	1.01E+00	9.41E-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					1.04E+00

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

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		3.67E+00	1.36E+05									
Soil	1.60E-01							5.56E-04		1.00E+00	1.00E+00	5.56E-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

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		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

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-01	5.56E-04	4.00E-01	1.39E-03	
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					1.39E-03

Benzo(g,h,i)perylene	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

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 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	5.03E+00							1.75E-02		1.00E+00	1.00E+00	1.75E-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

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 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

Beryllium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.03E+00	1.75E-02	2.64E-02	6.62E-01	
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					6.62E-01

Bis(2-ethylexyl)phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Water	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
Food	0.00E+00	0.00E+00	3.66E+00	0.00E+00	
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					0.00E+00

Raccoon: Upper Pond
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 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	2.38E+01							8.27E-02		1.00E+00	1.00E+00	8.27E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
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: Upper Pond
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.38E+01	8.27E-02	1.75E+01	4.72E-03	
Water	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
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					4.28E-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: Upper Pond
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 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	1.40E+00							4.86E-03		1.00E+00	1.00E+00	4.86E-03
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: Upper Pond
Average Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	4.86E-03	1.01E-01	4.82E-02	
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					1.36E-01

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: Upper Pond
Averagr centration

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 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-03							1.39E-05		1.00E+00	1.00E+00	1.39E-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

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 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: Upper Pond
Average Concentration

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	1.39E-05	2.20E+00	6.31E-06	
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					6.31E-06

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Total					0.00E+00

00034

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	4.32E+01							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.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+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

Raccoon: Upper Pond
Average Concentration

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.32E+01	1.50E-01	1.84E-01	8.15E-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					8.15E-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

Raccoon: Upper Pond
Averag[illegible]ncentration

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	1.51E+01							5.24E-02		1.00E+00	1.00E+00	5.24E-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: Upper Pond
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	1.51E+01	5.24E-02	1.00E-01	5.24E-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					5.24E-01

Raccoon: Upper Pond
Average centration

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	8.11E+01							2.82E-01		1.00E+00	1.00E+00	2.82E-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 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

Raccoon: Upper Pond
Average Concentration

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.11E+01	2.82E-01	1.32E+01	2.13E-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					3.84E-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

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 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

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 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	8.40E-02							2.92E-04		1.00E+00	1.00E+00	2.92E-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-03	0.00E+00

Raccoon: Upper Pond
Average Concentration

Endosulfan sulfate	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	0.00E+00	0.00E+00	3.00E-02	0.00E+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					0.00E+00

Endrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.40E-02	2.92E-04	3.68E-02	7.93E-03	
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					7.93E-03

Raccoon: Upper Pond
Average centration

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 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

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 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-01							6.25E-04		1.00E+00	1.00E+00	6.25E-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: Upper Pond
Average Concentration

Fluorene	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

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	6.25E-04	9.16E-01	6.82E-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					6.82E-04

000444

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 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	4.60E-02							1.60E-04		1.00E+00	1.00E+00	1.60E-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

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 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

000045

Raccoon: Upper Pond
Average Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.60E-02	1.60E-04	1.60E-01	9.99E-04	
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					9.99E-04

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Total					0.00E+00

Raccoon: Upper Pond
Average centration

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	2.40E+05							8.34E+02		1.00E+00	1.00E+00	8.34E+02
Water	3.41E+00					7.71E-02				1.00E+00	1.00E+00	7.71E-02
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: Upper Pond
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	2.40E+05	8.34E+02	#DIV/0!	N/A	
Water	3.41E+00	7.71E-02	#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

000048

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	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.	2.70E+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	5.53E+02							1.92E+00		1.00E+00	1.00E+00	1.92E+00
Water	3.14E-01					7.10E-03				1.00E+00	1.00E+00	7.10E-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: Upper Pond
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	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					2.72E-02

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.53E+02	1.92E+00	1.76E+01	1.09E-01	
Water	3.14E-01	7.10E-03	1.76E+01	4.03E-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					1.19E-01

Raccoon: Upper Pond
Average centration

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	3.73E-02							1.30E-04		1.00E+00	1.00E+00	1.30E-04
Water	4.00E-03					9.05E-05				1.00E+00	1.00E+00	9.05E-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 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

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.73E-02	1.30E-04	1.17E+00	1.11E-04	
Water	4.00E-03	9.05E-05	1.17E+00	7.73E-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					1.88E-04

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	3.37E+01							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.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								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: Upper Pond
Average Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.37E+01	1.17E-01	8.00E+00	1.46E-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					1.46E-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

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	1.40E-01							4.86E-04		1.00E+00	1.00E+00	4.86E-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: Upper Pond
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	1.40E-01	4.86E-04	1.50E+00	3.24E-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					3.24E-04

Raccoon: Upper Pond
Averagr 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 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

00037

Raccoon: Upper Pond
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

Raccoon: Upper Pond
Averag[illegible]centration

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		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

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		3.67E+00	1.36E+05									
Soil	3.00E-03							1.04E-05		1.00E+00	1.00E+00	1.04E-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

Trans-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

Trichloroethene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	1.04E-05	2.80E-01	3.72E-05	
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					3.72E-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 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	4.75E+02							1.65E+00		1.00E+00	1.00E+00	1.65E+00
Water	3.37E-02					7.62E-04				1.00E+00	1.00E+00	7.62E-04
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	4.75E+02	1.65E+00	3.20E+01	5.16E-02	
Water	3.37E-02	7.62E-04	3.20E+01	2.38E-05	
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					7.12E-02

000062

Pentachlorophenol	Predicted Concent.	Weight 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

2-Nitroaniline	Predicted Concent.	Weight 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	3.10E+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-03	0.00E+00

Raccoon: Upper Pond
Average Concentration

Pentachlorophenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Total					0.00E+00

2-Nitroaniline	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E+00	1.08E-02	2.50E+00	4.31E-03	
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					4.31E-03

030064

4,6-Dinitro-2-methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+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

Raccoon: Upper Pond
Average Concentration

4,6-Dinitro-2-methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E+00	1.11E-02	2.00E-01	5.56E-02	
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					5.56E-02

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

Upper Pond

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	1.05E-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	2.91E-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	4.21E-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	0.00E+00	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

Upper Pond

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	3.41E+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	3.14E-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	4.00E-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

Shrew: Upper Pond
Average Concnetration

Predicted Chemical Concentration by Media

Upper Pond

Chemical	mg/kg	mg/L	Ingestion mg/kg	mg/kg	Inhalation mg/m³	Dermal mg/kg
	Soil	Water	Food-Animal	Food-Veget.	Air	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	3.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Shrew: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
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

Shrew: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
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: Upper Pond
Average Concnetration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
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: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			9.76E-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			4.33E-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			6.18E-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			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			1.06E+00

Shrew: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			2.65E-01
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			5.08E-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			3.16E-01

Shrew: Upper Pond
Average Concnetration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			1.57E-02
TOTAL			1.57E-02

Shrew: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
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

Shrew: Upper Pond
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
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: Upper Pond
Average Concnetration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
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: Upper Pond
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	1.05E-04					1.56E-03				1.00E+00	1.00E+00	1.56E-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

Shrew: Upper Pond
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	1.05E-04	1.56E-03	1.60E-01	9.76E-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

Shrew: Upper Pond
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: Upper Pond
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

Shrew: Upper Pond
Averagr 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		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	2.91E-01					4.33E+00				1.00E+00	1.00E+00	4.33E+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: Upper Pond
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	2.91E-01	4.33E+00	1.00E+01	4.33E-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					4.33E-01

Shrew: Upper Pond
Averag[illegible]centration

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: Upper Pond
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

Shrew: Upper Pond
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 Uptake from 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	4.21E-02					6.26E-01				1.00E+00	1.00E+00	6.26E-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: Upper Pond
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	4.21E-02	6.26E-01	1.01E+00	6.18E-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					6.18E-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: Upper Pond
Averag 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

000025

Shrew: Upper Pond
Average Concnetration

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: Upper Pond
Averag ncnetration

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

000027

Shrew: Upper Pond
Average Concnetration

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: Upper Pond
Averag[illegible]cnetration

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

000029

Shrew: Upper Pond
Average Concnetration

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: Upper Pond
Average [illegible]netration

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	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		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.41E+00					5.07E+01				1.00E+00	1.00E+00	5.07E+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-02	0.00E+00

Shrew: Upper Pond
Average Concnetration

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	0.00E+00	0.00E+00	0.00E+00	N/A	
Water	3.41E+00	5.07E+01	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

Shrew: Upper Pond
Averag[illegible]:netration

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	3.14E-01					4.67E+00				1.00E+00	1.00E+00	4.67E+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: Upper Pond
Average Concnetration

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	3.14E-01	4.67E+00	1.76E+01	2.65E-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					2.65E-01

Shrew: Upper Pond
Averag[illegible]cnetration

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	4.00E-03					5.95E-02				1.00E+00	1.00E+00	5.95E-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: Upper Pond
Average Concnetration

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	4.00E-03	5.95E-02	1.17E+00	5.08E-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					5.08E-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

Shrew: Upper Pond
Averag cnetration

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	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		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.37E-02					5.01E-01				1.00E+00	1.00E+00	5.01E-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-02	0.00E+00

000037

Shrew: Upper Pond
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	3.37E-02	5.01E-01	3.20E+01	1.57E-02	
Food	0.00E+00	0.00E+00	3.20E+01	0.00E+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					1.57E-02

Shrew: Upper Pond
Averag[illegible]centration

AREA A DOWNSTREAM WATERCOURSES

UPPER POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

Upper Pond

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	3.48E+01	1.05E-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	2.91E-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	4.21E-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	0.00E+00	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

background

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	3.41E+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	3.14E-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	4.00E-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

Owl: Upper Pond
Average Concentration

Predicted Chemical Concentration by Media

Upper Pond

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	3.37E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
UPPER POND
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
UPPER POND
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
UPPER POND
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
UPPER POND
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			1.02E-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			1.42E-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			5.51E-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			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			1.09E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			3.89E-03
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			7.46E-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			4.64E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
UPPER POND
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			3.06E-03
TOTAL			3.06E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
UPPER POND
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
UPPER POND
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
UPPER POND
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	1.05E-04					1.15E-05				1.00E+00	1.00E+00	1.15E-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

Owl: Upper Pond
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	1.05E-04	1.15E-05	1.12E-04	1.02E-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: Upper Pond
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		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

000017

Owl: Upper Pond
Average Concentration

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: Up[illegible] Pond
Averag[illegible]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 Uptake from 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	2.91E-01					3.17E-02				1.00E+00	1.00E+00	3.17E-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: Upper Pond
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	2.91E-01	3.17E-02	2.23E+01	1.42E-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					1.42E-03

Owl: Upper Pond
Averagr centration

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: Upper Pond
Average 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: Upper Pond
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 Uptake from 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	4.21E-02					4.59E-03				1.00E+00	1.00E+00	4.59E-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: Upper Pond
Average 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	4.21E-02	4.59E-03	8.33E-01	5.51E-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					5.51E-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

Owl: Upper Pond
Averag 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

000025

Owl: Upper Pond
Average Concentration

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

000026

Owl: Upper Pond
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

000027

Owl: Upper Pond
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

Owl: Upper Pond
Averag 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

000029

Owl: Upper Pond
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

000030

Owl: Upper Pond
Averag centration

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	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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.41E+00					3.72E-01				1.00E+00	1.00E+00	3.72E-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-02	0.00E+00

Owl: Upper Pond
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	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

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	3.41E+00	3.72E-01	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	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	3.14E-01					3.42E-02				1.00E+00	1.00E+00	3.42E-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

Owl: Upper Pond
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	3.14E-01	3.42E-02	8.80E+00	3.89E-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					3.89E-03

Owl: Upper Pond
Averag centration

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	4.00E-03					4.36E-04				1.00E+00	1.00E+00	4.36E-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

Owl: Upper Pond
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	4.00E-03	4.36E-04	5.85E-01	7.46E-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					7.46E-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

000036

Owl: Upper Pond
Averag 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		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

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	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	3.37E-02					3.68E-03				1.00E+00	1.00E+00	3.68E-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-02	0.00E+00

000037

Owl: Upper Pond
Average Concentration

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
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					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Water	3.37E-02	3.68E-03	1.20E+00	3.06E-03	
Food	0.00E+00	0.00E+00	1.20E+00	0.00E+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					3.06E-03

APPENDIX I.5

SITE 3 - AREA A DOWNSTREAM WATERCOURSES/OBDA

OBDA POND

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER
OBDA POND
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						
Barium	5.36E-2	2.16E-2	X	3.90E-3	X	1.4E+1
Boron	1.13E-1	7.35E-3	X	0.00E+0	X	
Calcium	2.86E+1	6.93E+0	X			
Iron	5.22E+0	2.08E-1	X	1.00E+0	X	5.2E+0
Magnesium	1.32E+1	2.14E+0	X			
Manganese	1.12E+0	3.53E-2	X	8.00E-2	X	1.4E+1
Nickel	1.30E-3	5.00E-4	X	1.32E-1		
Potassium	8.30E+0	1.34E+0	X			
Sodium	1.27E+2	1.88E+1	X			
Zinc	2.32E-2	9.10E-3	X	1.23E-2	X	1.9E+0

000001

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON MAXIMUM CONCENTRATIONS IN SURFACE WATER
OBDA POND
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	8.50E-5	1.00E-6	X	8.5E+1

000002

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER
OBDA POND
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						
Barium	5.36E-2	2.16E-2	X	3.90E-3	X	1.4E+1
Boron	1.13E-1	7.35E-3	X	0.00E+0	X	--
Calcium	2.86E+1	6.93E+0	X			
Iron	5.22E+0	2.08E-1	X	1.00E+0	X	5.2E+0
Magnesium	1.32E+1	2.14E+0	X			
Manganese	1.12E+0	3.53E-2	X	8.00E-2	X	1.4E+1
Nickel	1.30E-3	5.00E-4	X	1.32E-1		
Potassium	8.30E+0	1.34E+0	X			
Sodium	1.27E+2	1.88E+1	X			
Zinc	2.32E-2	9.10E-3	X	1.23E-2	X	1.9E+0

000003

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SURFACE WATER
OBDA POND
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	5.88E-5	1.00E-6	X	5.9E+1

000004

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON MAXIMUM CONCENTRATIONS IN SEDIMENTS
OBDA POND
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	1.88E+4	1.95E+4		2.70E+4		
Arsenic	3.99E+1	2.75E+0	X	6.00E+0	X	6.7E+0
Barium	1.54E+2	2.42E+2		2.00E+1	X	
Beryllium	1.80E+0	3.20E+0		0.00E+0	X	
Boron	2.63E+1	8.90E+0	X	0.00E+0	X	---
Cadmium	3.01E+1	1.40E+0	X	6.00E-1	X	5.0E+1
Calcium	5.72E+3	5.18E+3	X			
Chromium	3.56E+1	3.61E+1		2.60E+1	X	
Cobalt	2.66E+1	1.46E+1	X	5.00E+1		
Copper	1.18E+2	3.10E+1	X	1.60E+1	X	7.4E+0
Cyanide	3.40E+0	1.75E+0	X	1.00E-1	X	3.4E+1
Iron	1.95E+5	3.39E+4	X	2.00E+6		
Lead	2.23E+2	1.22E+2	X	3.10E+1	X	7.2E+0
Magnesium	9.64E+3	3.41E+3	X			
Manganese	1.02E+3	5.29E+2	X	4.60E+2	X	2.2E+0
Mercury	3.30E-1	3.55E-1		2.00E-1	X	1.7E+0
Nickel	4.46E+1	2.73E+1	X	1.60E+1	X	2.8E+0
Potassium	2.85E+3	1.27E+3	X			
Selenium	3.20E+0	9.10E+0		1.00E-1	X	
Silver	4.30E+0	1.40E+0	X	4.50E+0		
Sodium	2.07E+3	1.35E+2	X			
Vanadium	6.49E+1	6.04E+1	X	0.00E+0	X	---
Zinc	2.72E+3	2.19E+2	X	1.20E+2	X	2.3E+1

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

Compound	Maximum Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
2-Butanone	6.60E-2	6.16E+0		
4,4'-DDD	3.00E-3	1.18E-2		
4,4'-DDE	3.00E+2	5.96E-3	X	5.0E+4
4,4'-DDT	1.50E+1	1.85E-2	X	8.1E+2
4-Methylphenol	2.30E-1	1.51E+0		
Acenaphthene	1.40E-1	2.49E+0		
Acetone	3.20E-1			
Alpha-Chlordane	3.70E+1	1.53E+2		
Anthracene	3.30E-1	4.54E+1		
Benzo(a)anthracene	8.50E-1	7.96E+1		
Benzo(a)pyrene	5.20E-1	1.61E+2		
Benzo(b)fluoranthene	7.50E-1	1.31E+2		
Benzo(g,h,i)perylene	2.60E-1	5.84E+2		
Benzo(k)fluoranthene	2.90E-1	8.05E+1		
Carbon disulfide	6.00E-3	1.07E+1		
Chrysene	7.00E-1	7.96E+1		
Di-N-octyl phthalate	8.10E-2	1.04E+6		
Dibenzofuran	1.00E-1	3.41E+0		
Dieldrin	2.90E-1	3.03E-4	X	9.6E+2
Endosulfan-I	3.70E-3	2.63E-3	X	1.4E+0
Ethylbenzene	2.00E-3	5.51E+0		

000007

foc(%): 1.52

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

Compound	Maximum Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Fluoranthene	1.40E+0	2.14E+1		
Fluorene	1.80E-1	7.62E-1		
Gamma-Chlordane	8.10E-2	3.53E-5	X	2.3E+3
Heptachlor	1.60E-2	1.22E-3	X	1.3E+1
Indeno(1,2,3-Cd)pyrene	3.60E-1	1.54E+3		
Methylene chloride	4.50E-2	5.57E+0		
Naphthalene	8.00E-2	7.50E-1		
Phenanthrene	1.30E+0	2.32E+0		
Pyrene	1.40E+0	6.20E+1		
Xylenes, total	4.00E-3	4.39E+2		

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON AVERAGE CONCENTRATIONS IN SEDIMENTS
OBDA POND
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	1.04E+4	1.95E+4		2.70E+4		
Arsenic	1.21E+1	2.75E+0	X	6.00E+0	X	2.0E+0
Barium	6.87E+1	2.42E+2		2.00E+1	X	
Beryllium	9.82E-1	3.20E+0		0.00E+0	X	
Boron	2.63E+1	8.90E+0	X	0.00E+0	X	---
Cadmium	1.07E+1	1.40E+0	X	6.00E-1	X	1.8E+1
Calcium	3.26E+3	5.18E+3				
Chromium	2.31E+1	3.61E+1		2.60E+1		
Cobalt	1.22E+1	1.46E+1		5.00E+1		
Copper	4.37E+1	3.10E+1	X	1.60E+1	X	2.7E+0
Cyanide	1.68E+0	1.75E+0		1.00E-1	X	1.7E+1
Iron	7.09E+4	3.39E+4	X	2.00E+6		
Lead	7.75E+1	1.22E+2		3.10E+1	X	
Magnesium	4.52E+3	3.41E+3	X			
Manganese	4.13E+2	5.29E+2		4.60E+2		
Mercury	1.46E-1	3.55E-1		2.00E-1		
Nickel	2.05E+1	2.73E+1		1.60E+1	X	
Potassium	1.14E+3	1.27E+3				
Selenium	1.29E+0	9.10E+0		1.00E-1	X	
Silver	2.14E+0	1.40E+0	X	4.50E+0		
Sodium	9.60E+2	1.35E+2	X			
Vanadium	3.69E+1	6.04E+1		0.00E+0	X	
Zinc	4.32E+2	2.19E+2	X	1.20E+2	X	3.6E+0

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

Compound	Average Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Organic Chemicals				
2-Butanone	2.57E-2	6.16E+0		
4,4'-DDD	3.00E-3	1.18E-2		
4,4'-DDE	4.53E+1	5.96E-3	X	7.6E+3
4,4'-DDT	2.46E+0	1.85E-2	X	1.3E+2
4-Methylphenol	2.30E-1	1.51E+0		
Acenaphthene	1.40E-1	2.49E+0		
Acetone	1.31E-1			
Alpha-Chlordane	5.04E+0	1.53E+2		
Anthracene	3.30E-1	4.54E+1		
Benzo(a)anthracene	8.50E-1	7.96E+1		
Benzo(a)pyrene	5.20E-1	1.61E+2		
Benzo(b)fluoranthene	7.50E-1	1.31E+2		
Benzo(g,h,i)perylene	2.60E-1	5.84E+2		
Benzo(k)fluoranthene	2.90E-1	8.05E+1		
Carbon disulfide	4.67E-3	1.07E+1		
Chrysene	7.00E-1	7.96E+1		
Di-N-octyl phthalate	8.10E-2	1.04E+6		
Dibenzofuran	1.00E-1	3.41E+0		
Dieldrin	2.90E-1	3.03E-4	X	9.6E+2
Endosulfan-I	3.70E-3	2.63E-3	X	1.4E+0
Ethylbenzene	2.00E-3	5.51E+0		

foc(%): 1.52

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

Compound	Average Exposure Point Concentration (mg/kg)	Benchmark Value (mg/kg)	Exceeds Benchmark Value	Exposure Point Hazard Quotient
Fluoranthene	8.98E-1	2.14E+1		
Fluorene	1.80E-1	7.62E-1		
Gamma-Chlordane	8.10E-2	3.53E-5	X	2.3E+3
Heptachlor	1.60E-2	1.22E-3	X	1.3E+1
Indeno(1,2,3-Cd)pyrene	3.60E-1	1.54E+3		
Methylene chloride	9.22E-3	5.57E+0		
Naphthalene	8.00E-2	7.50E-1		
Phenanthrene	1.30E+0	2.32E+0		
Pyrene	9.21E-1	6.20E+1		
Xylenes, total	4.00E-3	4.39E+2		

000012

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER
OBDA POND
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						
Barium	5.36E-2	2.16E-2	X	6.91E-2	X	7.8E-1
Iron	5.22E+0	2.08E-1	X	1.00E+1	X	5.2E-1
Manganese	1.12E+0	3.53E-2	X	1.47E+0	X	7.6E-1
Zinc	2.32E-2	9.10E-3	X	3.53E-2	X	6.6E-1

000013

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SURFACE WATER
OBDA POND
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	8.50E-5	5.50E-4	X	1.5E-1

000014

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SURFACE WATER
OBDA POND
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						
Barium	5.36E-2	2.16E-2	X	6.91E-2	X	7.8E-1
Iron	5.22E+0	2.08E-1	X	1.00E+1	X	5.2E-1
Manganese	1.12E+0	3.53E-2	X	1.47E+0	X	7.6E-1
Zinc	2.32E-2	9.10E-3	X	3.53E-2	X	6.6E-1

000013

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE AVERAGE CONCENTRATIONS IN SURFACE WATER
OBDA POND
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	5.88E-5	5.50E-4	X	1.1E-1

000016

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS
OBDA POND
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	3.99E+1	2.75E+0	X	3.30E+1	X	1.2E+0
Cadmium	3.01E+1	1.40E+0	X	1.00E+1	X	3.0E+0
Copper	1.18E+2	3.10E+1	X	1.10E+2	X	1.1E+0
Cyanide	3.40E+0	1.75E+0	X	2.50E-1	X	1.4E+1
Lead	2.23E+2	1.22E+2	X	3.50E+2	X	6.4E-1
Manganese	1.02E+3	5.29E+2	X	1.10E+3	X	9.3E-1
Mercury	3.30E-1	3.55E-1		2.00E+0	X	1.7E-1
Nickel	4.46E+1	2.73E+1	X	7.50E+1	X	5.9E-1
Zinc	2.72E+3	2.19E+2	X	8.20E+2	X	3.3E+0

000017

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON ACUTE EXPOSURE TO MAXIMUM CONCENTRATIONS IN SEDIMENTS
OBDA POND
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'-DDE	3.00E+2	3.28E+0	X	9.1E+1
4,4'-DDT	1.50E+1	1.02E+1	X	1.5E+0
Dieldrin	2.90E-1	3.99E+0	X	7.3E-2
Endosulfan-I	3.70E-3	1.03E-1	X	3.6E-2
Gamma-Chlordane	8.10E-2	1.97E-2	X	4.1E+0
Heptachlor	1.60E-2	1.67E-1	X	9.6E-2

000018

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA
BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SEDIMENTS
OBDA POND
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						
Arsenic	1.21E+1	2.75E+0	X	3.30E+1	X	3.7E-1
Cadmium	1.07E+1	1.40E+0	X	1.00E+1	X	1.1E+0
Copper	4.37E+1	3.10E+1	X	1.10E+2	X	4.0E-1
Cyanide	1.68E+0	1.75E+0		2.50E-1	X	6.7E+0
Zinc	4.32E+2	2.19E+2	X	8.20E+2	X	5.3E-1

000019

IDENTIFICATION OF CONTRIBUTORS TO RISK FOR AQUATIC BIOTA BASED ON ACUTE EXPOSURE TO AVERAGE CONCENTRATIONS IN SEDIMENTS
OBDA POND
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'-DDE	4.53E+1	3.28E+0	X	1.4E+1
4,4'-DDT	2.46E+0	1.02E+1	X	2.4E-1
Dieldrin	2.90E-1	3.99E+0	X	7.3E-2
Endosulfan-I	3.70E-3	1.03E-1	X	3.6E-2
Gamma-Chlordane	8.10E-2	1.97E-2	X	4.1E+0
Heptachlor	1.60E-2	1.67E-1	X	9.6E-2

000020

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: OBDA
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: OBDA
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
%Ea[illegible]rm Lipid Content: 8.00
%D[illegible]ght: 20.00

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

000022

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: OBDA
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

000023

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: OBDA
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
%Ea[illegible]rm Lipid Content: 8.00
%D[illegible]ght: 20.00

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

000024

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: OBDA
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

000025

Earthworm Hazard Quotient; Bioaccumulation Spreadsheet
Downstream: OBDA
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
%Ea[illegible]m Lipid Content: 8.00
%Dr[illegible]ght: 20.00

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

AREA A DOWNSTREAM WATER COURSES/OBDA: OBDA POND

MAXIMUM EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

MALLARD

Predicted Chemical Concentration by Media

Downstream: OBDA

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	6.60E-02	0.00E+00	2.63E-02	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	3.00E-03	8.50E-05	1.20E-03	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	3.00E+02	0.00E+00	1.20E+02	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.50E+01	0.00E+00	5.98E+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	1.40E-01	0.00E+00	5.58E-02	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	3.20E-01	0.00E+00	1.28E-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	3.70E+01	0.00E+00	1.48E+01	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	3.30E-01	0.00E+00	1.32E-01	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	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	0.00E+00	5.36E-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	8.50E-01	0.00E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	5.20E-01	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	7.50E-01	0.00E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	2.60E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	2.90E-01	0.00E+00	1.16E-01	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	2.63E+01	0.00E+00	5.26E+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	3.01E+01	0.00E+00	1.20E+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

Mallard: OBDA
Maximum Concentration

Predicted Chemical Concentration by Media

Downstream: OBDA

Chemical	mg/kg Sediment	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation ng/m³ Air	Dermal mg/kg Soil
Carbon disulfide	6.00E-03	0.00E+00	2.39E-03	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	7.00E-01	0.00E+00	2.79E-01	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	2.66E+01	0.00E+00	5.32E+00	0.00E+00	0.00E+00	0.00E+00
Copper	1.18E+02	0.00E+00	2.19E+01	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	1.00E-01	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00
Dieldrin	2.90E-01	0.00E+00	1.16E-01	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	2.00E-03	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	1.40E+00	0.00E+00	5.58E-01	0.00E+00	0.00E+00	0.00E+00
Fluorene	1.80E-01	0.00E+00	7.18E-02	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	8.10E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	0.00E+00
Heptachlor	1.60E-02	0.00E+00	6.38E-03	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	3.60E-01	0.00E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00
Iron	1.95E+05	5.22E+00	3.90E+04	0.00E+00	0.00E+00	0.00E+00
Lead	2.23E+02	0.00E+00	5.53E+01	0.00E+00	0.00E+00	0.00E+00
Manganese	1.02E+02	1.12E+00	2.04E+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	4.50E-02	0.00E+00	1.79E-02	0.00E+00	0.00E+00	0.00E+00
Naphthalene	8.00E-02	0.00E+00	3.19E-02	0.00E+00	0.00E+00	0.00E+00
Nickel	4.46E+01	0.00E+00	8.92E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	5.37E-03	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	1.30E+00	0.00E+00	5.18E-01	0.00E+00	0.00E+00	0.00E+00
Pyrene	1.40E+00	0.00E+00	5.58E-01	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: OBDA

Chemical	mg/kg Sediment	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	6.49E+01	0.00E+00	1.30E+01	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	4.00E-03	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00
Zinc	2.19E+02	2.32E-02	1.01E+02	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	2.30E-01	0.00E+00	9.17E-02	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	3.70E-03	0.00E+00	1.48E-03	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
1,2,3,4,6,7,8-HPCDD	4.94E-04	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00
Di-N-Octylphthalate	8.10E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	0.00E+00
OCDF	5.52E-04	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			1.73E-04
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			3.07E-02
4,4'-DDE			3.07E+03
4,4'-DDT			1.54E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			9.17E-05
Acenaphthylene			0.00E+00
Acetone			3.67E-04
Aldrin			0.00E+00
Alpha-Chlordane			4.96E-01
Aluminum			0.00E+00
Anthracene			3.78E-05
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			4.87E-03
Benzo(a)pyrene			2.98E-03
Benzo(b)fluoranthene			4.30E-03
Benzo(g,h,i)perylene			1.49E-03
Benzo(k)fluoranthene			1.66E-03
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			1.72E-02
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			2.38E-01
Carbazole			0.00E+00
TOTAL			3.23E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			6.25E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			4.01E-03
Cis-1,3-dichloropropene			0.00E+00
Cobalt			6.10E-01
Copper			2.04E-02
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			5.73E-04
Dieldrin			2.16E-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			2.81E-06
Fluoranthene			1.28E-04
Fluorene			1.65E-04
Gamma-Chlordane			1.09E-03
Heptachlor			2.29E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			2.06E-03
Iron			N/A
Lead			3.32E-01
Manganese			1.33E-02
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			8.82E-05
Naphthalene			2.29E-05
Nickel			6.61E-04
OCDD			2.20E+00
Phenanthrene			2.90E-02
Pyrene			2.14E-03
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.24E+00

Mallard: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			6.54E-03
Vinyl acetate			0.00E+00
Xylenes, total			2.23E-05
Zinc			4.19E-02
2,4,- Dimethylphenol			0.00E+00
4-Methylphenol			4.40E-05
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			2.12E-06
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
1,2,3,4,6,7,8-HPCDD			2.83E+00
Di-N-Octylphthalate			8.44E-07
OCDF			6.59E-05
TOTAL			2.88E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			4.22E-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			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			3.58E-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			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			4.58E-02

Mallard: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			7.08E-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			7.08E-03

Mallard: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.15E-04
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
1,2,3,4,6,7,8-HPCDD			0.00E+00
Di-N-Octylphthalate			0.00E+00
OCDF			0.00E+00
TOTAL			2.15E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.29E-03
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			4.07E-01
4,4'-DDE			4.07E+04
4,4'-DDT			2.04E+03
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			1.22E-03
Acenaphthylene			0.00E+00
Acetone			4.86E-03
Aldrin			0.00E+00
Alpha-Chlordane			6.57E+00
Aluminum			0.00E+00
Anthracene			5.02E-04
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			6.46E-02
Benzo(a)pyrene			3.95E-02
Benzo(b)fluoranthene			5.70E-02
Benzo(g,h,i)perylene			1.98E-02
Benzo(k)fluoranthene			2.20E-02
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			1.15E-01
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			3.17E+00
Carbazole			0.00E+00
TOTAL			4.28E+04

Mallard: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			8.29E-05
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			5.32E-02
Cis-1,3-dichloropropene			0.00E+00
Cobalt			4.06E+00
Copper			1.26E-01
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			7.60E-03
Dieldrin			2.86E-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			3.73E-05
Fluoranthene			1.70E-03
Fluorene			2.19E-03
Gamma-Chlordane			1.44E-02
Heptachlor			3.04E-03
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			2.74E-02
Iron			N/A
Lead			2.74E+00
Manganese			8.84E-02
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.17E-03
Naphthalene			3.04E-04
Nickel			4.39E-03
OCDD			2.91E+01
Phenanthrene			3.85E-01
Pyrene			2.84E-02
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			3.70E+01

Mallard: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			4.35E-02
Vinyl acetate			0.00E+00
Xylenes, total			2.95E-04
Zinc			6.40E-01
2,4,- Dimethylphenol			0.00E+00
4-Methylphenol			5.83E-04
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			2.81E-05
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
1,2,3,4,6,7,8-HPCDD			3.75E+01
Di-N-Octylphthalate			1.12E-05
OCDF			8.74E-04
TOTAL			3.82E+01

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		1.04E+00	5.98E+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		1.04E+00	5.98E+04									
Soil	6.60E-02							7.57E-05		1.00E+00	1.00E+00	7.57E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.63E-02			1.00E-03						1.00E+00	1.00E+00	1.00E-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

Mallard: OBDA
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	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	6.60E-02	7.57E-05	4.38E-01	1.73E-04	
Water	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Food	2.63E-02	1.00E-03	4.38E-01	2.29E-03	
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					2.46E-03

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		1.04E+00	5.98E+04									
Soil	3.00E-03							3.44E-06		1.00E+00	1.00E+00	3.44E-06
Water	8.50E-05					4.73E-06				1.00E+00	1.00E+00	4.73E-06
Food-an.	1.20E-03			4.56E-05						1.00E+00	1.00E+00	4.56E-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

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		1.04E+00	5.98E+04									
Soil	3.00E+02							3.44E-01		1.00E+00	1.00E+00	3.44E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.20E+02			4.56E+00						1.00E+00	1.00E+00	4.56E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+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

Mallard: OBDA
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.44E-06	1.12E-04	3.07E-02	
Water	8.50E-05	4.73E-06	1.12E-04	4.22E-02	
Food	1.20E-03	4.56E-05	1.12E-04	4.07E-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					4.80E-01

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E+02	3.44E-01	1.12E-04	3.07E+03	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.20E+02	4.56E+00	1.12E-04	4.07E+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					4.38E+04

Mallard: OBDA
Maximu[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		1.04E+00	5.98E+04									
Soil	1.50E+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.	5.98E+00			2.28E-01						1.00E+00	1.00E+00	2.28E-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	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		1.04E+00	5.98E+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

Mallard: OBDA
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+01	1.72E-02	1.12E-04	1.54E+02	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	5.98E+00	2.28E-01	1.12E-04	2.04E+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					2.19E+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

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		1.04E+00	5.98E+04									
Soil	1.40E-01							1.61E-04		1.00E+00	1.00E+00	1.61E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.58E-02			2.13E-03						1.00E+00	1.00E+00	2.13E-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

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		1.04E+00	5.98E+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

000021

Mallard: OBDA
Maximum Concentration

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-01	1.61E-04	1.75E+00	9.17E-05	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	5.58E-02	2.13E-03	1.75E+00	1.22E-03	
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					1.31E-03

Acenaphthylene	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	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
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					0.00E+00

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		1.04E+00	5.98E+04									
Soil	3.20E-01							3.67E-04		1.00E+00	1.00E+00	3.67E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.28E-01			4.86E-03						1.00E+00	1.00E+00	4.86E-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-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		1.04E+00	5.98E+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

Mallard: OBDA
Maximum Concentration

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E-01	3.67E-04	1.00E+00	3.67E-04	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	1.28E-01	4.86E-03	1.00E+00	4.86E-03	
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					5.23E-03

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

000024

Mallard: OBDA
Maximu 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		1.04E+00	5.98E+04									
Soil	3.70E+01							4.24E-02		1.00E+00	1.00E+00	4.24E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.48E+01			5.62E-01						1.00E+00	1.00E+00	5.62E-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

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		1.04E+00	5.98E+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

Mallard: OBDA
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.70E+01	4.24E-02	8.56E-02	4.96E-01	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	1.48E+01	5.62E-01	8.56E-02	6.57E+00	
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					7.07E+00

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		1.04E+00	5.98E+04									
Soil	3.30E-01							3.78E-04		1.00E+00	1.00E+00	3.78E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.32E-01			5.02E-03						1.00E+00	1.00E+00	5.02E-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	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		1.04E+00	5.98E+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

000027

Mallard: OBDA
Maximum Concentration

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.30E-01	3.78E-04	1.00E+01	3.78E-05	
Water	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Food	1.32E-01	5.02E-03	1.00E+01	5.02E-04	
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					5.40E-04

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
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					0.00E+00

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		1.04E+00	5.98E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.36E-02					2.98E-03				1.00E+00	1.00E+00	2.98E-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		1.04E+00	5.98E+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

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	5.36E-02	2.98E-03	8.33E-01	3.58E-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					3.58E-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

000030

Mallard: OBDA
Maximum Concentration

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		1.04E+00	5.98E+04									
Soil	8.50E-01							9.75E-04		1.00E+00	1.00E+00	9.75E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.39E-01			1.29E-02						1.00E+00	1.00E+00	1.29E-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

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		1.04E+00	5.98E+04									
Soil	5.20E-01							5.96E-04		1.00E+00	1.00E+00	5.96E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.07E-01			7.91E-03						1.00E+00	1.00E+00	7.91E-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)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.50E-01	9.75E-04	2.00E-01	4.87E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	3.39E-01	1.29E-02	2.00E-01	6.46E-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					6.95E-02

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.20E-01	5.96E-04	2.00E-01	2.98E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.07E-01	7.91E-03	2.00E-01	3.95E-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					4.25E-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		1.04E+00	5.98E+04									
Soil	7.50E-01							8.60E-04		1.00E+00	1.00E+00	8.60E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.99E-01			1.14E-02						1.00E+00	1.00E+00	1.14E-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		1.04E+00	5.98E+04									
Soil	2.60E-01							2.98E-04		1.00E+00	1.00E+00	2.98E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.04E-01			3.95E-03						1.00E+00	1.00E+00	3.95E-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

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.50E-01	8.60E-04	2.00E-01	4.30E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.99E-01	1.14E-02	2.00E-01	5.70E-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					6.13E-02

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.60E-01	2.98E-04	2.00E-01	1.49E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.04E-01	3.95E-03	2.00E-01	1.98E-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					2.13E-02

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		1.04E+00	5.98E+04									
Soil	2.90E-01							3.33E-04		1.00E+00	1.00E+00	3.33E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-01			4.41E-03						1.00E+00	1.00E+00	4.41E-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

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		1.04E+00	5.98E+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

Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.33E-04	2.00E-01	1.66E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.16E-01	4.41E-03	2.00E-01	2.20E-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					2.37E-02

Benzoic acid	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

000036

Mallard: OBDA
Maximu[illegible] [illegible]oncentration

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		1.04E+00	5.98E+04									
Soil	2.63E+01							3.02E-02		1.00E+00	1.00E+00	3.02E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.26E+00			2.01E-01						1.00E+00	1.00E+00	2.01E-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		1.04E+00	5.98E+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

000037

Mallard: OBDA
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.63E+01	3.02E-02	1.75E+00	1.72E-02	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	5.26E+00	2.01E-01	1.75E+00	1.15E-01	
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					1.32E-01

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

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		1.04E+00	5.98E+04									
Soil	3.01E+01							3.45E-02		1.00E+00	1.00E+00	3.45E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.20E+01			4.59E-01						1.00E+00	1.00E+00	4.59E-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

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		1.04E+00	5.98E+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

000039

Mallard: OBDA
Maximum Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.01E+01	3.45E-02	1.45E-01	2.38E-01	
Water	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Food	1.20E+01	4.59E-01	1.45E-01	3.17E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Total					3.40E+00

Carbazole	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

000040

Mallard: OBDA
Maximu[illegible] [illegible]oncentration

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		1.04E+00	5.98E+04									
Soil	6.00E-03							6.88E-06		1.00E+00	1.00E+00	6.88E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.39E-03			9.12E-05						1.00E+00	1.00E+00	9.12E-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

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		1.04E+00	5.98E+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

000041

Mallard: OBDA
Maximum Concentration

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.00E-03	6.88E-06	1.10E+00	6.25E-06	
Water	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Food	2.39E-03	9.12E-05	1.10E+00	8.29E-05	
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					8.92E-05

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
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					0.00E+00

000042

Mallard: OBDA
Maximu[illegible]centration

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		1.04E+00	5.98E+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		1.04E+00	5.98E+04									
Soil	7.00E-01							8.03E-04		1.00E+00	1.00E+00	8.03E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.79E-01			1.06E-02						1.00E+00	1.00E+00	1.06E-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

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
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					0.00E+00

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-01	8.03E-04	2.00E-01	4.01E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.79E-01	1.06E-02	2.00E-01	5.32E-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					5.72E-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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	2.66E+01							3.05E-02		1.00E+00	1.00E+00	3.05E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.32E+00			2.03E-01						1.00E+00	1.00E+00	2.03E-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

000045

Mallard: OBDA
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	3.00E-02	0.00E+00	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.00E-02	0.00E+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					0.00E+00

Cobalt	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.66E+01	3.05E-02	5.00E-02	6.10E-01	
Water	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Food	5.32E+00	2.03E-01	5.00E-02	4.06E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-02	0.00E+00	
Total					4.67E+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		1.04E+00	5.98E+04									
Soil	1.18E+02							1.35E-01		1.00E+00	1.00E+00	1.35E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.19E+01			8.37E-01						1.00E+00	1.00E+00	8.37E-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		1.04E+00	5.98E+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

000047

Mallard: OBDA
Maximum Concentration

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.18E+02	1.35E-01	6.64E+00	2.04E-02	
Water	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Food	2.19E+01	8.37E-01	6.64E+00	1.26E-01	
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					1.46E-01

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

Mallard: OBDA
Maximur 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		1.04E+00	5.98E+04									
Soil	1.00E-01							1.15E-04		1.00E+00	1.00E+00	1.15E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.99E-02			1.52E-03						1.00E+00	1.00E+00	1.52E-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

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		1.04E+00	5.98E+04									
Soil	2.90E-01							3.33E-04		1.00E+00	1.00E+00	3.33E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-01			4.41E-03						1.00E+00	1.00E+00	4.41E-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	1.50E-01	0.00E+00

000049

Mallard: OBDA
Maximum Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.00E-01	1.15E-04	2.00E-01	5.73E-04	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	3.99E-02	1.52E-03	2.00E-01	7.60E-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					8.17E-03

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.33E-04	1.54E-02	2.16E-02	
Water	0.00E+00	0.00E+00	1.54E-02	0.00E+00	
Food	1.16E-01	4.41E-03	1.54E-02	2.86E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.54E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.54E-02	0.00E+00	
Total					3.08E-01

000050

Mallard: OBDA
Maximur centration

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		1.04E+00	5.98E+04									
Soil	2.00E-03							2.29E-06		1.00E+00	1.00E+00	2.29E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.97E-04			3.04E-05						1.00E+00	1.00E+00	3.04E-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

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		1.04E+00	5.98E+04									
Soil	1.40E+00							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.	5.58E-01			2.13E-02						1.00E+00	1.00E+00	2.13E-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

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.29E-06	8.16E-01	2.81E-06	
Water	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Food	7.97E-04	3.04E-05	8.16E-01	3.73E-05	
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					4.01E-05

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	1.61E-03	1.25E+01	1.28E-04	
Water	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Food	5.58E-01	2.13E-02	1.25E+01	1.70E-03	
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					1.83E-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		1.04E+00	5.98E+04									
Soil	1.80E-01							2.06E-04		1.00E+00	1.00E+00	2.06E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.18E-02			2.74E-03						1.00E+00	1.00E+00	2.74E-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

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		1.04E+00	5.98E+04									
Soil	8.10E-02							9.29E-05		1.00E+00	1.00E+00	9.29E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.23E-02			1.23E-03						1.00E+00	1.00E+00	1.23E-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

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	2.06E-04	1.25E+00	1.65E-04	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	7.18E-02	2.74E-03	1.25E+00	2.19E-03	
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					2.35E-03

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	9.29E-05	8.56E-02	1.09E-03	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	3.23E-02	1.23E-03	8.56E-02	1.44E-02	
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					1.55E-02

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		1.04E+00	5.98E+04									
Soil	1.60E-02							1.83E-05		1.00E+00	1.00E+00	1.83E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.38E-03			2.43E-04						1.00E+00	1.00E+00	2.43E-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

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		1.04E+00	5.98E+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

000055

Mallard: OBDA
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-02	1.83E-05	8.00E-02	2.29E-04	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	6.38E-03	2.43E-04	8.00E-02	3.04E-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					3.27E-03

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
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					0.00E+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		1.04E+00	5.98E+04									
Soil	3.60E-01							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.	1.44E-01			5.47E-03						1.00E+00	1.00E+00	5.47E-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

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		1.04E+00	5.98E+04									
Soil	1.95E+05							2.24E+02		1.00E+00	1.00E+00	2.24E+02
Water	5.22E+00					2.90E-01				1.00E+00	1.00E+00	2.90E-01
Food-an.	3.90E+04			1.49E+03						1.00E+00	1.00E+00	1.49E+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

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.60E-01	4.13E-04	2.00E-01	2.06E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.44E-01	5.47E-03	2.00E-01	2.74E-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					2.94E-02

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.95E+05	2.24E+02	#DIV/0!	N/A	
Water	5.22E+00	2.90E-01	#DIV/0!	N/A	
Food	3.90E+04	1.49E+03	#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

000058

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		1.04E+00	5.98E+04									
Soil	2.23E+02							2.56E-01		1.00E+00	1.00E+00	2.56E-01
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.53E+01			2.11E+00						1.00E+00	1.00E+00	2.11E+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

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		1.04E+00	5.98E+04									
Soil	1.02E+02							1.17E-01		1.00E+00	1.00E+00	1.17E-01
Water	1.12E+00					6.23E-02				1.00E+00	1.00E+00	6.23E-02
Food-an.	2.04E+01			7.78E-01						1.00E+00	1.00E+00	7.78E-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

000059

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.23E+02	2.56E-01	7.70E-01	3.32E-01	
Water	0.00E+00	0.00E+00	7.70E-01	0.00E+00	
Food	5.53E+01	2.11E+00	7.70E-01	2.74E+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					3.07E+00

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.02E+02	1.17E-01	8.80E+00	1.33E-02	
Water	1.12E+00	6.23E-02	8.80E+00	7.08E-03	
Food	2.04E+01	7.78E-01	8.80E+00	8.84E-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					1.09E-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		1.04E+00	5.98E+04									
Soil	4.50E-02							5.16E-05		1.00E+00	1.00E+00	5.16E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.79E-02			6.84E-04						1.00E+00	1.00E+00	6.84E-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

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		1.04E+00	5.98E+04									
Soil	8.00E-02							9.17E-05		1.00E+00	1.00E+00	9.17E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.19E-02			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	1.50E-01	0.00E+00

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.50E-02	5.16E-05	5.85E-01	8.82E-05	
Water	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Food	1.79E-02	6.84E-04	5.85E-01	1.17E-03	
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					1.26E-03

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-02	9.17E-05	4.00E+00	2.29E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	3.19E-02	1.22E-03	4.00E+00	3.04E-04	
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					3.27E-04

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		1.04E+00	5.98E+04									
Soil	4.46E+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.	8.92E+00			3.40E-01						1.00E+00	1.00E+00	3.40E-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		1.04E+00	5.98E+04									
Soil	5.37E-03							6.15E-06		1.00E+00	1.00E+00	6.15E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.14E-03			8.16E-05						1.00E+00	1.00E+00	8.16E-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	1.00E-01	0.00E+00

000063

Mallard: OBDA
Maximum Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.46E+01	5.11E-02	7.74E+01	6.61E-04	
Water	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Food	8.92E+00	3.40E-01	7.74E+01	4.39E-03	
Inhalation					
Air	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Total					5.05E-03

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.37E-03	6.15E-06	2.80E-06	2.20E+00	
Water	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Food	2.14E-03	8.16E-05	2.80E-06	2.91E+01	
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					3.13E+01

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		1.04E+00	5.98E+04									
Soil	1.30E+00							1.49E-03		1.00E+00	1.00E+00	1.49E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.18E-01			1.98E-02						1.00E+00	1.00E+00	1.98E-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

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		1.04E+00	5.98E+04									
Soil	1.40E+00							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.	5.58E-01			2.13E-02						1.00E+00	1.00E+00	2.13E-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

000065

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E+00	1.49E-03	5.13E-02	2.90E-02	
Water	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Food	5.18E-01	1.98E-02	5.13E-02	3.85E-01	
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					4.14E-01

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	1.61E-03	7.50E-01	2.14E-03	
Water	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Food	5.58E-01	2.13E-02	7.50E-01	2.84E-02	
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					3.05E-02

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		1.04E+00	5.98E+04									
Soil	6.49E+01							7.44E-02		1.00E+00	1.00E+00	7.44E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.30E+01			4.95E-01						1.00E+00	1.00E+00	4.95E-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

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		1.04E+00	5.98E+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

000067

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.49E+01	7.44E-02	1.14E+01	6.54E-03	
Water	0.00E+00	0.00E+00	1.14E+01	0.00E+00	
Food	1.30E+01	4.95E-01	1.14E+01	4.35E-02	
Inhalation					
Air	0.00E+00	0.00E+00	1.14E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.14E+01	0.00E+00	
Total					5.00E-02

Vinyl acetate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Water	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
Food	0.00E+00	0.00E+00	4.77E+01	0.00E+00	
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					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		1.04E+00	5.98E+04									
Soil	4.00E-03							4.59E-06		1.00E+00	1.00E+00	4.59E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.59E-03			6.08E-05						1.00E+00	1.00E+00	6.08E-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-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		1.04E+00	5.98E+04									
Soil	2.19E+02							2.51E-01		1.00E+00	1.00E+00	2.51E-01
Water	2.32E-02					1.29E-03				1.00E+00	1.00E+00	1.29E-03
Food-an.	1.01E+02			3.84E+00						1.00E+00	1.00E+00	3.84E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+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

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	4.59E-06	2.06E-01	2.23E-05	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	1.59E-03	6.08E-05	2.06E-01	2.95E-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					3.17E-04

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.19E+02	2.51E-01	6.00E+00	4.19E-02	
Water	2.32E-02	1.29E-03	6.00E+00	2.15E-04	
Food	1.01E+02	3.84E+00	6.00E+00	6.40E-01	
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					6.82E-01

2,4,- Dimethylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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		1.04E+00	5.98E+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

4-Methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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		1.04E+00	5.98E+04									
Soil	2.30E-01							2.64E-04		1.00E+00	1.00E+00	2.64E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.17E-02			3.50E-03						1.00E+00	1.00E+00	3.50E-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-02	0.00E+00

000071

2,4,- Dimethylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Total					0.00E+00

4-Methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.30E-01	2.64E-04	6.00E+00	4.40E-05	
Water	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Food	9.17E-02	3.50E-03	6.00E+00	5.83E-04	
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					6.27E-04

Endosulfan I	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.70E-03							4.24E-06		1.00E+00	1.00E+00	4.24E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.48E-03			5.62E-05						1.00E+00	1.00E+00	5.62E-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

Gamma BHC	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+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

000073

Endosulfan I	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.70E-03	4.24E-06	2.00E+00	2.12E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	1.48E-03	5.62E-05	2.00E+00	2.81E-05	
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					3.02E-05

Gamma BHC	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

000074

Pentachlorophenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+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

1,2,3,4,6,7,8-HPCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	4.94E-04							5.66E-07		1.00E+00	1.00E+00	5.66E-07
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.97E-04			7.51E-06						1.00E+00	1.00E+00	7.51E-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-03	0.00E+00

000075

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

1,2,3,4,6,7,8-HPCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.94E-04	5.66E-07	2.00E-07	2.83E+00	
Water	0.00E+00	0.00E+00	2.00E-07	0.00E+00	
Food	1.97E-04	7.51E-06	2.00E-07	3.75E+01	
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					4.04E+01

Di-N-Octylphthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	8.10E-02							9.29E 05		1.00E+00	1.00E+00	9.29E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.23E-02			1.23E-03						1.00E+00	1.00E+00	1.23E-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	0.00E+00	0.00E+00

OCDF	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	5.52E-04							6.33E-07		1.00E+00	1.00E+00	6.33E-07
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.20E-04			8.39E-06						1.00E+00	1.00E+00	8.39E-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

000077

Di-N-Octylphthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	9.29E-05	1.10E+02	8.44E-07	
Water	0.00E+00	0.00E+00	1.10E+02	0.00E+00	
Food	3.23E-02	1.23E-03	1.10E+02	1.12E-05	
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					1.20E-05

OCDF	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.52E-04	6.33E-07	9.60E-03	6.59E-05	
Water	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Food	2.20E-04	8.39E-06	9.60E-03	8.74E-04	
Inhalation					
Air	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Total					9.40E-04

000078

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

RACCOON

Predicted Chemical Concentration by Media

Downstream: OBDA

Chemical	mg/kg Sediment	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	6.60E-02	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	3.00E-03	8.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	3.00E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	1.50E+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	1.40E-01	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	3.20E-01	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	3.70E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	8.75E+01	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.30E-01	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	0.00E+00	5.36E-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	8.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	5.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	7.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	2.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	2.90E-01	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	2.63E+01	0.00E+00	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	3.01E+01	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: OBDA

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	6.00E-03	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	7.00E-01	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	2.66E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Copper	1.18E+02	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	1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	2.90E-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	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	1.40E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	1.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	1.60E-02	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	3.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	1.95E+05	5.22E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	2.23E+02	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	1.02E+02	1.12E+00	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	4.50E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Nickel	4.46E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDD	5.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	1.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	1.40E+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

Raccoon: OBDA
Maximum Concentration

Predicted Chemical Concentration by Media

Downstream: OBDA

Chemical	mg/kg	mg/L	Ingestion mg/kg	mg/kg	mg/m³ Inhalation	mg/kg Dermal
	Sediment	Water	Food-Animal	Food-Veget.	Air	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	6.49E+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	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	2.19E+02	2.32E-02	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	2.30E-01	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	3.70E-03	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
1,2,3,4,6,7,8-HPCDD	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-N-Octylphthalate	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDF	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Raccoon: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
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			2.62E-04
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			6.51E-05
4,4'-DDE			6.51E+00
4,4'-DDT			3.26E-01
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			1.39E-04
Acenaphthylene			0.00E+00
Acetone			5.56E-04
Aldrin			0.00E+00
Alpha-Chlordane			1.40E-01
Aluminum			0.00E+00
Anthracene			5.73E-05
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			7.38E-03
Benzo(a)pyrene			4.52E-03
Benzo(b)fluoranthene			6.51E-03
Benzo(g,h,i)perylene			2.26E-03
Benzo(k)fluoranthene			2.52E-03
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			5.22E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			1.04E+00
Carbazole			0.00E+00
TOTAL			8.04E+00

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

CHEMICAL			HAZARD QUOTIEN
Carbon disulfide			9.47E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			6.08E-03
Cis-1,3-dichloropropene			0.00E+00
Cobalt			9.24E-01
Copper			3.10E-02
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			8.68E-04
Dieldrin			1.26E-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			4.26E-06
Fluoranthene			1.94E-03
Fluorene			2.50E-04
Gamma-Chlordane			3.07E-04
Heptachlor			3.47E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			3.13E-03
Iron			N/A
Lead			4.84E-01
Manganese			2.01E-02
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.34E-04
Naphthalene			3.47E-05
Nickel			1.94E-02
OCDD			9.32E+01
Phenanthrene			4.40E-02
Pyrene			3.24E-03
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			9.48E+01

Raccoon: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
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			2.68E+00
Vinyl acetate			0.00E+00
Xylenes, total			3.37E-05
Zinc			2.38E-02
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			6.66E-05
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			4.28E-04
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
1,2,3,4,6,7,8-HPCDD			8.58E+00
Di-N-Octylphthalate			2.56E-06
OCDF			2.00E-04
TOTAL			1.13E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			1.20E-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			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			1.20E-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			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			1.21E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			1.44E-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			1.44E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			1.64E-05
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
1,2,3,4,6,7,8-HPCDD			0.00E+00
Di-N-Octylphthalate			0.00E+00
OCDF			0.00E+00
TOTAL			1.64E-05

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
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: OBDA
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: OBDA
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
1,2,3,4,6,7,8-HPCDD			0.00E+00
Di-N-Octylphthalate			0.00E+00
OCDF			0.00E+00
TOTAL			1.96E-02

Raccoon: OBDA
Maximum Concentration

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		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

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		3.67E+00	1.36E+05									
Soil	6.60E-02							2.29E-04		1.00E+00	1.00E+00	2.29E-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: OBDA
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	6.60E-02	2.29E-04	8.76E-01	2.62E-04	
Water	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Food	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
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					2.62E-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		3.67E+00	1.36E+05									
Soil	3.00E-03							1.04E-05		1.00E+00	1.00E+00	1.04E-05
Water	8.50E-05					1.92E-06				1.00E+00	1.00E+00	1.92E-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 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+00		1.00E+00	1.00E+00	1.04E+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: OBDA
Maximum Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	1.04E-05	1.60E-01	6.51E-05	
Water	8.50E-05	1.92E-06	1.60E-01	1.20E-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					7.71E-05

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E+02	1.04E+00	1.60E-01	6.51E+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					6.51E+00

Raccoon: OBDA
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 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+01							5.21E-02		1.00E+00	1.00E+00	5.21E-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: OBDA
Maximum Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.50E+01	5.21E-02	1.60E-01	3.26E-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					3.26E-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

00320

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		3.67E+00	1.36E+05									
Soil	1.40E-01							4.86E-04		1.00E+00	1.00E+00	4.86E-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

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		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

Raccoon: OBDA
Maximum Concentration

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-01	4.86E-04	3.50E+00	1.39E-04	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
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					1.39E-04

Acenaphthylene	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	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
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					0.00E+00

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 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-01							1.11E-03		1.00E+00	1.00E+00	1.11E-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

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 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: OBDA
Maximum Concentration

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.20E-01	1.11E-03	2.00E+00	5.56E-04	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
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					5.56E-04

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		3.67E+00	1.36E+05									
Soil	3.70E+01							1.29E-01		1.00E+00	1.00E+00	1.29E-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	1.00E-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	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.	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: OBDA
Maximum Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.70E+01	1.29E-01	9.16E-01	1.40E-01	
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					1.40E-01

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	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					1.41E-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 Uptake from 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	3.30E-01							1.15E-03		1.00E+00	1.00E+00	1.15E-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	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: OBDA
Maximum Concentration

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.30E-01	1.15E-03	2.00E+01	5.73E-05	
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					5.73E-05

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	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.36E-02					1.21E-03				1.00E+00	1.00E+00	1.21E-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	0.00E+00	0.00E+00	1.01E+00	0.00E+00	
Water	5.36E-02	1.21E-03	1.01E+00	1.20E-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					7.60E-02

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

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 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	8.50E-01							2.95E-03		1.00E+00	1.00E+00	2.95E-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

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 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	5.20E-01							1.81E-03		1.00E+00	1.00E+00	1.81E-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: OBDA
Maximum Concentration

Benzo(a)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.50E-01	2.95E-03	4.00E-01	7.38E-03	
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					7.38E-03

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.20E-01	1.81E-03	4.00E-01	4.52E-03	
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					4.52E-03

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 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	7.50E-01							2.60E-03		1.00E+00	1.00E+00	2.60E-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

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 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	2.60E-01							9.03E-04		1.00E+00	1.00E+00	9.03E-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

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.50E-01	2.60E-03	4.00E-01	6.51E-03	
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					6.51E-03

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.60E-01	9.03E-04	4.00E-01	2.26E-03	
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					2.26E-03

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 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	2.90E-01							1.01E-03		1.00E+00	1.00E+00	1.01E-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

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 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: OBDA
Maximum Concentration

Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	1.01E-03	4.00E-01	2.52E-03	
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					2.52E-03

Benzoic acid	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

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	2.63E+01							9.13E-02		1.00E+00	1.00E+00	9.13E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
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: OBDA
Maximum Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.63E+01	9.13E-02	1.75E+01	5.22E-03	
Water	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
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					4.29E-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	3.01E+01							1.05E-01		1.00E+00	1.00E+00	1.05E-01
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: OBDA
Maximum Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.01E+01	1.05E-01	1.01E-01	1.04E+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					1.13E+00

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: OBDA
Maximur ncentration

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 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	6.00E-03							2.08E-05		1.00E+00	1.00E+00	2.08E-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

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 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

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.00E-03	2.08E-05	2.20E+00	9.47E-06	
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					9.47E-06

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.73E+00	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	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 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	7.00E-01							2.43E-03		1.00E+00	1.00E+00	2.43E-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

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	7.00E-01	2.43E-03	4.00E-01	6.08E-03	
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					6.08E-03

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	2.66E+01							9.24E-02		1.00E+00	1.00E+00	9.24E-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: OBDA
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	2.66E+01	9.24E-02	1.00E-01	9.24E-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					9.24E-01

Raccoon: OBDA
Maximur ncentration

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	1.18E+02							4.10E-01		1.00E+00	1.00E+00	4.10E-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

Raccoon: OBDA
Maximum Concentration

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.18E+02	4.10E-01	1.32E+01	3.10E-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					4.81E-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 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	1.00E-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.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+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	2.90E-01							1.01E-03		1.00E+00	1.00E+00	1.01E-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

Raccoon: OBDA
Maximum Concentration

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.00E-01	3.47E-04	4.00E-01	8.68E-04	
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					8.68E-04

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	1.01E-03	8.00E-03	1.26E-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					1.26E-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 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	3.70E-03							1.29E-05		1.00E+00	1.00E+00	1.29E-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

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 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-03	0.00E+00

Raccoon: OBDA
Maximum Concentration

Endosulfan sulfate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.70E-03	1.29E-05	3.00E-02	4.28E-04	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.00E-02	0.00E+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					4.28E-04

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

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	2.00E-03							6.95E-06		1.00E+00	1.00E+00	6.95E-06
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	1.40E+00							4.86E-03		1.00E+00	1.00E+00	4.86E-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

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	6.95E-06	1.63E+00	4.26E-06	
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					4.26E-06

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	4.86E-03	2.50E+00	1.94E-03	
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					1.94E-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 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-01							6.25E-04		1.00E+00	1.00E+00	6.25E-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

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 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	8.10E-02							2.81E-04		1.00E+00	1.00E+00	2.81E-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: OBDA
Maximum Concentration

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	6.25E-04	2.50E+00	2.50E-04	
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					2.50E-04

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	2.81E-04	9.16E-01	3.07E-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					3.07E-04

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 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	1.60E-02							5.56E-05		1.00E+00	1.00E+00	5.56E-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

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 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: OBDA
Maximum Concentration

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-02	5.56E-05	1.60E-01	3.47E-04	
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					3.47E-04

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Total					0.00E+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 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	3.60E-01							1.25E-03		1.00E+00	1.00E+00	1.25E-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	1.00E-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	1.95E+05							6.77E+02		1.00E+00	1.00E+00	6.77E+02
Water	5.22E+00					1.18E-01				1.00E+00	1.00E+00	1.18E-01
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: OBDA
Maximum Concentration

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.60E-01	1.25E-03	4.00E-01	3.13E-03	
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					3.13E-03

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.95E+05	6.77E+02	#DIV/0!	N/A	
Water	5.22E+00	1.18E-01	#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	2.23E+02							7.75E-01		1.00E+00	1.00E+00	7.75E-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	1.02E+02							3.54E-01		1.00E+00	1.00E+00	3.54E-01
Water	1.12E+00					2.53E-02				1.00E+00	1.00E+00	2.53E-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: OBDA
Maximum Concentration

Lead	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.23E+02	7.75E-01	1.60E+00	4.84E-01	
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					5.11E-01

Manganese	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.02E+02	3.54E-01	1.76E+01	2.01E-02	
Water	1.12E+00	2.53E-02	1.76E+01	1.44E-03	
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					3.08E-02

Raccoon: OBDA
Maximur ncentration

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	4.50E-02							1.56E-04		1.00E+00	1.00E+00	1.56E-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

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	8.00E-02							2.78E-04		1.00E+00	1.00E+00	2.78E-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

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.50E-02	1.56E-04	1.17E+00	1.34E-04	
Water	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
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					1.34E-04

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-02	2.78E-04	8.00E+00	3.47E-05	
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					3.47E-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 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	4.46E+01							1.55E-01		1.00E+00	1.00E+00	1.55E-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	5.37E-03							1.86E-05		1.00E+00	1.00E+00	1.86E-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

Raccoon: OBDA
Maximum Concentration

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.46E+01	1.55E-01	8.00E+00	1.94E-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					1.94E-02

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.37E-03	1.86E-05	2.00E-07	9.32E+01	
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					9.32E+01

Raccoon: OBDA
Maximu[illegible]ncentration

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	1.30E+00							4.52E-03		1.00E+00	1.00E+00	4.52E-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

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	1.40E+00							4.86E-03		1.00E+00	1.00E+00	4.86E-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: OBDA
Maximum Concentration

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E+00	4.52E-03	1.03E-01	4.40E-02	
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					4.40E-02

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	4.86E-03	1.50E+00	3.24E-03	
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					3.24E-03

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

Raccoon: OBDA
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 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	6.49E+01							2.25E-01		1.00E+00	1.00E+00	2.25E-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	1.00E-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

Raccoon: OBDA
Maximum Concentration

Vanadium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	6.49E+01	2.25E-01	8.40E-02	2.68E+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					2.68E+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	4.00E-03							1.39E-05		1.00E+00	1.00E+00	1.39E-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-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	2.19E+02							7.61E-01		1.00E+00	1.00E+00	7.61E-01
Water	2.32E-02					5.25E-04				1.00E+00	1.00E+00	5.25E-04
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: OBDA
Maximum Concentration

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	1.39E-05	4.12E-01	3.37E-05	
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					3.37E-05

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.19E+02	7.61E-01	3.20E+01	2.38E-02	
Water	2.32E-02	5.25E-04	3.20E+01	1.64E-05	
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					4.34E-02

000074

2,4-Dimethylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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	3.00E-02	0.00E+00

4-Methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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	2.30E-01							7.99E-04		1.00E+00	1.00E+00	7.99E-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: OBDA
Maximum Concentration

2,4-Dimethylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
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					0.00E+00

4-Methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.30E-01	7.99E-04	1.20E+01	6.66E-05	
Water	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Total					6.66E-05

Endosulfan I	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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	3.70E-03							1.29E-05		1.00E+00	1.00E+00	1.29E-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

Gamma BHC	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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: OBDA
Maximum Concentration

Endosulfan I	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.70E-03	1.29E-05	3.00E-02	4.28E-04	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.00E-02	0.00E+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					4.28E-04

Gamma BHC	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

Raccoon: OBDA
Maximur ncentration

Pentachlorophenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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

1,2,3,4,6,7,8-HPCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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	4.94E-04							1.72E-06		1.00E+00	1.00E+00	1.72E-06
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

Raccoon: OBDA
Maximum Concentration

Pentachlorophenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Total					0.00E+00

1,2,3,4,6,7,8-HPCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.94E-04	1.72E-06	2.00E-07	8.58E+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					8.58E+00

Di-N-Octylphthalate	Predicted Concent.	Weight 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	8.10E-02							2.81E-04		1.00E+00	1.00E+00	2.81E-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	0.00E+00	0.00E+00

OCDF	Predicted Concent.	Weight 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	5.52E-04							1.92E-06		1.00E+00	1.00E+00	1.92E-06
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: OBDA
Maximum Concentration

Di-N-Octylphthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	2.81E-04	1.10E+02	2.56E-06	
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					2.56E-06

OCDF	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.52E-04	1.92E-06	9.60E-03	2.00E-04	
Water	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Food	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Total					2.00E-04

Raccoon: OBDA
Maximur ncentration

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

Downstream: OBDA

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	8.50E-05	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	0.00E+00	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	5.36E-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	0.00E+00	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: OBDA

Chemical	mg/kg	mg/L	Ingestion mg/kg	mg/kg	ng/m³ Inhalation	mg/kg 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	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	5.22E+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	1.12E+00	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

Shrew: OBDA
Maximum Concentration

Predicted Chemical Concentration by Media

Downstream: OBDA

Chemical	mg/kg	mg/L	Ingestion mg/kg	mg/kg	mg/m³ Inhalation	mg/kg Dermal
	Soil	Water	Food-Animal	Food-Veget.	Air	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	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
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: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
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: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
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: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			7.90E-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			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			7.87E-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			7.95E-01

Shrew: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			9.46E-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			9.46E-01

Shrew: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			1.08E-02
TOTAL			1.08E-02

Shrew: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
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: OBDA
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: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
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: OBDA
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	8.50E-05					1.26E-03				1.00E+00	1.00E+00	1.26E-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

Shrew: OBDA
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	8.50E-05	1.26E-03	1.60E-01	7.90E-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: OBDA
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: OBDA
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: OBDA
Maximum C[illegible]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 Uptake from 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	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: OBDA
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	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: OBDA
Maximum 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: OBDA
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: OBDA
Maximum 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	5.36E-02					7.97E-01				1.00E+00	1.00E+00	7.97E-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: OBDA
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	5.36E-02	7.97E-01	1.01E+00	7.87E-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					7.87E-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: OBDA
Maximum 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

000025

Shrew: OBDA
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: OBDA
Maximur 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		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

000027

Shrew: OBDA
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

Shrew: OBDA
Maximum [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

000029

Shrew: OBDA
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

000030

Shrew: OBDA
Maximum [illegible]centration

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	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		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.22E+00					7.76E+01				1.00E+00	1.00E+00	7.76E+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-02	0.00E+00

000031

Shrew: OBDA
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	0.00E+00	0.00E+00	0.00E+00	N/A	
Water	5.22E+00	7.76E+01	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	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	1.12E+00					1.67E+01				1.00E+00	1.00E+00	1.67E+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

000033

Shrew: OBDA
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	1.12E+00	1.67E+01	1.76E+01	9.46E-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					9.46E-01

Shrew: OBDA
Maximum [illegible]entration

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	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		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	2.32E-02					3.45E-01				1.00E+00	1.00E+00	3.45E-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-02	0.00E+00

000035

Shrew: OBDA
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	2.32E-02	3.45E-01	3.20E+01	1.08E-02	
Food	0.00E+00	0.00E+00	3.20E+01	0.00E+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					1.08E-02

000036

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

MAXIMUM EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

Downstream: OBDA

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	2.40E+02	8.50E-05	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	0.00E+00	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	5.36E-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	0.00E+00	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: OBDA

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	5.22E+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	1.12E+00	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: OBDA

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation ng/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	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
DOWNSTREAM: OBDA
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: OBDA
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: OBDA
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
DOWNSTREAM: OBDA
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			8.28E-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			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			7.02E-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			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			8.98E-02

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			1.39E-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			1.39E-02

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
DOWNSTREAM: OBDA
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			2.11E-03
TOTAL			2.11E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
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: OBDA
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: OBDA
Maximum Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
DOWNSTREAM: OBDA
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	8.50E-05					9.27E-06				1.00E+00	1.00E+00	9.27E-06
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

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	8.50E-05	9.27E-06	1.12E-04	8.28E-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

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

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	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

000019

Owl: OBDA
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	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

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: OBDA
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

Owl: OBDA
Maximu 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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.36E-02					5.85E-03				1.00E+00	1.00E+00	5.85E-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	5.36E-02	5.85E-03	8.33E-01	7.02E-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					7.02E-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

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

000025

Owl: OBDA
Maximum Concentration

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

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

000027

Owl: OBDA
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

000028

Owl: OBDA
Maximu[illegible]ncentration

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	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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.22E+00					5.69E-01				1.00E+00	1.00E+00	5.69E-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-02	0.00E+00

000029

Owl: OBDA
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	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

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	5.22E+00	5.69E-01	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	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	1.12E+00					1.22E-01				1.00E+00	1.00E+00	1.22E-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

000031

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	1.12E+00	1.22E-01	8.80E+00	1.39E-02	
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					1.39E-02

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	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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	2.32E-02					2.53E-03				1.00E+00	1.00E+00	2.53E-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-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	2.06E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
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					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Water	2.32E-02	2.53E-03	1.20E+00	2.11E-03	
Food	0.00E+00	0.00E+00	1.20E+00	0.00E+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					2.11E-03

AREA A DOWNSTREAM WATER COURSES/OBDA: OBDA POND

AVERAGE EXPOSURE POINT CONCENTRATIONS

TERRESTRIAL RECEPTORS

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

MALLARD

Predicted Chemical Concentration by Media

OBDA

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	2.57E-02	0.00E+00	1.02E-02	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	3.00E-03	5.88E-05	1.20E-03	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	4.53E+01	0.00E+00	1.81E+01	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.46E+00	0.00E+00	9.80E-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	1.40E-01	0.00E+00	5.58E-02	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	1.31E-01	0.00E+00	5.23E-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	5.04E+00	0.00E+00	2.01E+00	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	3.30E-01	0.00E+00	1.32E-01	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	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	0.00E+00	5.36E-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	8.50E-01	0.00E+00	3.39E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	5.20E-01	0.00E+00	2.07E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	7.50E-01	0.00E+00	2.99E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	2.60E-01	0.00E+00	1.04E-01	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	2.90E-01	0.00E+00	1.16E-01	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	8.90E+00	0.00E+00	1.78E+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	1.40E+00	0.00E+00	5.60E-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

OBDA

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	4.67E-03	0.00E+00	1.86E-03	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	7.00E-01	0.00E+00	2.79E-01	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	3.10E+00	0.00E+00	5.77E-01	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	1.00E-01	0.00E+00	3.99E-02	0.00E+00	0.00E+00	0.00E+00
Dieldrin	2.90E-01	0.00E+00	1.16E-01	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	2.00E-03	0.00E+00	7.98E-04	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	8.98E-01	0.00E+00	3.58E-01	0.00E+00	0.00E+00	0.00E+00
Fluorene	1.80E-01	0.00E+00	7.18E-02	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	8.10E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	0.00E+00
Heptachlor	1.60E-02	0.00E+00	6.38E-03	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	3.60E-01	0.00E+00	1.44E-01	0.00E+00	0.00E+00	0.00E+00
Iron	3.39E+04	5.22E+00	6.78E+03	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	1.12E+00	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	9.22E-03	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00
Naphthalene	8.00E-02	0.00E+00	3.19E-02	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	3.01E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	1.30E+00	0.00E+00	5.19E-01	0.00E+00	0.00E+00	0.00E+00
Pyrene	9.21E-01	0.00E+00	3.67E-01	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

OBDA

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	4.00E-03	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00
Zinc	2.19E+02	2.32E-02	1.01E+02	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	2.30E-01	0.00E+00	9.17E-02	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	3.70E-03	0.00E+00	1.48E-03	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
1,2,3,4,6,7,8-HPCDD	3.17E-04	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00
Di-N-octyl phthalate	8.10E-02	0.00E+00	3.23E-02	0.00E+00	0.00E+00	0.00E+00
Ocdf	3.44E-04	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			6.73E-05
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			3.07E-02
4,4'-DDE			4.63E+02
4,4'-DDT			2.52E+01
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			9.17E-05
Acenaphthylene			0.00E+00
Acetone			1.50E-04
Aldrin			0.00E+00
Alpha-Chlordane			6.75E-02
Aluminum			0.00E+00
Anthracene			3.78E-05
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			4.87E-03
Benzo(a)pyrene			2.98E-03
Benzo(b)fluoranthene			4.30E-03
Benzo(g,h,i)perylene			1.49E-03
Benzo(k)fluoranthene			1.66E-03
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			5.83E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			1.11E-02
Carbazole			0.00E+00
TOTAL			4.89E+02

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			4.87E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			4.01E-03
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			5.35E-04
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			5.73E-04
Dieldrin			2.16E-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			2.81E-06
Fluoranthene			8.23E-05
Fluorene			1.65E-04
Gamma-Chlordane			1.09E-03
Heptachlor			2.29E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			2.06E-03
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			1.81E-05
Naphthalene			2.29E-05
Nickel			0.00E+00
OCDD			1.23E+00
Phenanthrene			2.90E-02
Pyrene			1.41E-03
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.29E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.23E-05
Zinc			4.19E-02
2,4,- Dimethylphenol			0.00E+00
4-Methylphenol			4.40E-05
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			2.12E-06
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
1,2,3,4,6,7,8-HPCDD			1.30E-01
Di-N-octyl phthalate			1.69E-06
Ocdf			8.22E-05
TOTAL			1.72E-01

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.92E-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			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			3.58E-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			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			3.28E-02

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			7.08E-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			7.08E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.15E-04
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
1,2,3,4,6,7,8-HPCDD			0.00E+00
Di-N-octyl phthalate			0.00E+00
Ocdf			0.00E+00
TOTAL			2.15E-04

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			8.92E-04
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			4.07E-01
4,4'-DDE			6.15E+03
4,4'-DDT			3.34E+02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			1.22E-03
Acenaphthylene			0.00E+00
Acetone			2.00E-03
Aldrin			0.00E+00
Alpha-Chlordane			8.95E-01
Aluminum			0.00E+00
Anthracene			5.02E-04
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			6.46E-02
Benzo(a)pyrene			3.95E-02
Benzo(b)fluoranthene			5.70E-02
Benzo(g,h,i)perylene			1.98E-02
Benzo(k)fluoranthene			2.21E-02
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylhexyl)phthalate			0.00E+00
Boron			3.88E-02
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			1.47E-01
Carbazole			0.00E+00
TOTAL			6.48E+03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			6.45E-05
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			5.32E-02
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			3.31E-03
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			7.60E-03
Dieldrin			2.86E-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			3.73E-05
Fluoranthene			1.09E-03
Fluorene			2.19E-03
Gamma-Chlordane			1.44E-02
Heptachlor			3.04E-03
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			2.74E-02
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			2.40E-04
Naphthalene			3.04E-04
Nickel			0.00E+00
OCDD			1.63E+01
Phenanthrene			3.85E-01
Pyrene			1.87E-02
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			1.71E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
EXPOSURE SCENARIO: THIS ASSUMES THE WORST CASE FOR EACH CHEMICAL
RECEPTOR: MALLARD DUCK

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			2.95E-04
Zinc			6.40E-01
2,4,- Dimethylphenol			0.00E+00
4-Methylphenol			5.83E-04
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			2.81E-05
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
1,2,3,4,6,7,8-HPCDD			1.72E+00
Di-N-octyl phthalate			2.24E-05
Ocdf			1.09E-03
TOTAL			2.36E+00

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		1.04E+00	5.98E+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		1.04E+00	5.98E+04									
Soil	2.57E-02							2.95E-05		1.00E+00	1.00E+00	2.95E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.02E-02			3.91E-04						1.00E+00	1.00E+00	3.91E-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

000015

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	2.57E-02	2.95E-05	4.38E-01	6.73E-05	
Water	0.00E+00	0.00E+00	4.38E-01	0.00E+00	
Food	1.02E-02	3.91E-04	4.38E-01	8.92E-04	
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					9.59E-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		1.04E+00	5.98E+04									
Soil	3.00E-03							3.44E-06		1.00E+00	1.00E+00	3.44E-06
Water	5.88E-05					3.27E-06				1.00E+00	1.00E+00	3.27E-06
Food-an.	1.20E-03			4.56E-05						1.00E+00	1.00E+00	4.56E-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

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		1.04E+00	5.98E+04									
Soil	4.53E+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.	1.81E+01			6.88E-01						1.00E+00	1.00E+00	6.88E-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'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	3.44E-06	1.12E-04	3.07E-02	
Water	5.88E-05	3.27E-06	1.12E-04	2.92E-02	
Food	1.20E-03	4.56E-05	1.12E-04	4.07E-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					4.67E-01

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.53E+01	5.19E-02	1.12E-04	4.63E+02	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	1.81E+01	6.88E-01	1.12E-04	6.15E+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					6.61E+03

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		1.04E+00	5.98E+04									
Soil	2.46E+00							2.82E-03		1.00E+00	1.00E+00	2.82E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.80E-01			3.74E-02						1.00E+00	1.00E+00	3.74E-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		1.04E+00	5.98E+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	2.46E+00	2.82E-03	1.12E-04	2.52E+01	
Water	0.00E+00	0.00E+00	1.12E-04	0.00E+00	
Food	9.80E-01	3.74E-02	1.12E-04	3.34E+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					3.59E+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	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

000020

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		1.04E+00	5.98E+04									
Soil	1.40E-01							1.61E-04		1.00E+00	1.00E+00	1.61E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.58E-02			2.13E-03						1.00E+00	1.00E+00	2.13E-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

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		1.04E+00	5.98E+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

000021

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-01	1.61E-04	1.75E+00	9.17E-05	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	5.58E-02	2.13E-03	1.75E+00	1.22E-03	
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					1.31E-03

Acenaphthylene	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	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
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					0.00E+00

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		1.04E+00	5.98E+04									
Soil	1.31E-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.	5.23E-02			2.00E-03						1.00E+00	1.00E+00	2.00E-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		1.04E+00	5.98E+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

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.31E-01	1.50E-04	1.00E+00	1.50E-04	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	5.23E-02	2.00E-03	1.00E+00	2.00E-03	
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					2.15E-03

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

000024

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		1.04E+00	5.98E+04									
Soil	5.04E+00							5.78E-03		1.00E+00	1.00E+00	5.78E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.01E+00			7.66E-02						1.00E+00	1.00E+00	7.66E-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

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		1.04E+00	5.98E+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

000025

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.04E+00	5.78E-03	8.56E-02	6.75E-02	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	2.01E+00	7.66E-02	8.56E-02	8.95E-01	
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					9.63E-01

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		1.04E+00	5.98E+04									
Soil	3.30E-01							3.78E-04		1.00E+00	1.00E+00	3.78E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.32E-01			5.02E-03						1.00E+00	1.00E+00	5.02E-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	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		1.04E+00	5.98E+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

000027

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.30E-01	3.78E-04	1.00E+01	3.78E-05	
Water	0.00E+00	0.00E+00	1.00E+01	0.00E+00	
Food	1.32E-01	5.02E-03	1.00E+01	5.02E-04	
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					5.40E-04

Antimony	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E-03	0.00E+00	
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					0.00E+00

000028

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		1.04E+00	5.98E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.36E-02					2.98E-03				1.00E+00	1.00E+00	2.98E-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		1.04E+00	5.98E+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

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	5.36E-02	2.98E-03	8.33E-01	3.58E-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					3.58E-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

000030

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		1.04E+00	5.98E+04									
Soil	8.50E-01							9.75E-04		1.00E+00	1.00E+00	9.75E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.39E-01			1.29E-02						1.00E+00	1.00E+00	1.29E-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

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		1.04E+00	5.98E+04									
Soil	5.20E-01							5.96E-04		1.00E+00	1.00E+00	5.96E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.07E-01			7.91E-03						1.00E+00	1.00E+00	7.91E-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

000031

Benzo(a)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.50E-01	9.75E-04	2.00E-01	4.87E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	3.39E-01	1.29E-02	2.00E-01	6.46E-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					6.95E-02

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.20E-01	5.96E-04	2.00E-01	2.98E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.07E-01	7.91E-03	2.00E-01	3.95E-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					4.25E-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		1.04E+00	5.98E+04									
Soil	7.50E-01							8.60E-04		1.00E+00	1.00E+00	8.60E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.99E-01			1.14E-02						1.00E+00	1.00E+00	1.14E-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		1.04E+00	5.98E+04									
Soil	2.60E-01							2.98E-04		1.00E+00	1.00E+00	2.98E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.04E-01			3.95E-03						1.00E+00	1.00E+00	3.95E-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

000033

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.50E-01	8.60E-04	2.00E-01	4.30E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.99E-01	1.14E-02	2.00E-01	5.70E-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					6.13E-02

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.60E-01	2.98E-04	2.00E-01	1.49E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.04E-01	3.95E-03	2.00E-01	1.98E-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					2.13E-02

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		1.04E+00	5.98E+04									
Soil	2.90E-01							3.33E-04		1.00E+00	1.00E+00	3.33E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-01			4.41E-03						1.00E+00	1.00E+00	4.41E-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

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		1.04E+00	5.98E+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

000035

Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.33E-04	2.00E-01	1.66E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.16E-01	4.41E-03	2.00E-01	2.21E-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					2.37E-02

Benzoic acid	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

000039

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		1.04E+00	5.98E+04									
Soil	8.90E+00							1.02E-02		1.00E+00	1.00E+00	1.02E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.78E+00			6.79E-02						1.00E+00	1.00E+00	6.79E-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

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		1.04E+00	5.98E+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

000037

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.90E+00	1.02E-02	1.75E+00	5.83E-03	
Water	0.00E+00	0.00E+00	1.75E+00	0.00E+00	
Food	1.78E+00	6.79E-02	1.75E+00	3.88E-02	
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					4.46E-02

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

000038

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		1.04E+00	5.98E+04									
Soil	1.40E+00							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.	5.60E-01			2.14E-02						1.00E+00	1.00E+00	2.14E-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

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		1.04E+00	5.98E+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

000039

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	1.61E-03	1.45E-01	1.11E-02	
Water	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Food	5.60E-01	2.14E-02	1.45E-01	1.47E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.45E-01	0.00E+00	
Total					1.58E-01

Carbazole	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

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		1.04E+00	5.98E+04									
Soil	4.67E-03							5.35E-06		1.00E+00	1.00E+00	5.35E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.86E-03			7.10E-05						1.00E+00	1.00E+00	7.10E-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

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		1.04E+00	5.98E+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

000041

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.67E-03	5.35E-06	1.10E+00	4.87E-06	
Water	0.00E+00	0.00E+00	1.10E+00	0.00E+00	
Food	1.86E-03	7.10E-05	1.10E+00	6.45E-05	
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					6.94E-05

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E-01	0.00E+00	
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					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 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		1.04E+00	5.98E+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		1.04E+00	5.98E+04									
Soil	7.00E-01							8.03E-04		1.00E+00	1.00E+00	8.03E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	2.79E-01			1.06E-02						1.00E+00	1.00E+00	1.06E-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

Chromium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
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					0.00E+00

Chrysene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.00E-01	8.03E-04	2.00E-01	4.01E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	2.79E-01	1.06E-02	2.00E-01	5.32E-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					5.72E-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 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		1.04E+00	5.98E+04									
Soil	3.10E+00							3.55E-03		1.00E+00	1.00E+00	3.55E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.77E-01			2.20E-02						1.00E+00	1.00E+00	2.20E-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

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		1.04E+00	5.98E+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

000045

Copper	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.10E+00	3.55E-03	6.64E+00	5.35E-04	
Water	0.00E+00	0.00E+00	6.64E+00	0.00E+00	
Food	5.77E-01	2.20E-02	6.64E+00	3.31E-03	
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					3.85E-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

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		1.04E+00	5.98E+04									
Soil	1.00E-01							1.15E-04		1.00E+00	1.00E+00	1.15E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.99E-02			1.52E-03						1.00E+00	1.00E+00	1.52E-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

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		1.04E+00	5.98E+04									
Soil	2.90E-01							3.33E-04		1.00E+00	1.00E+00	3.33E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.16E-01			4.41E-03						1.00E+00	1.00E+00	4.41E-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	1.50E-01	0.00E+00

000047

Dibenzofuran	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.00E-01	1.15E-04	2.00E-01	5.73E-04	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	3.99E-02	1.52E-03	2.00E-01	7.60E-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					8.18E-03

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	3.33E-04	1.54E-02	2.16E-02	
Water	0.00E+00	0.00E+00	1.54E-02	0.00E+00	
Food	1.16E-01	4.41E-03	1.54E-02	2.86E-01	
Inhalation					
Air	0.00E+00	0.00E+00	1.54E-02	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.54E-02	0.00E+00	
Total					3.08E-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		1.04E+00	5.98E+04									
Soil	2.00E-03							2.29E-06		1.00E+00	1.00E+00	2.29E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.98E-04			3.04E-05						1.00E+00	1.00E+00	3.04E-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

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		1.04E+00	5.98E+04									
Soil	8.98E-01							1.03E-03		1.00E+00	1.00E+00	1.03E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.58E-01			1.36E-02						1.00E+00	1.00E+00	1.36E-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	1.00E-01	0.00E+00

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	2.29E-06	8.16E-01	2.81E-06	
Water	0.00E+00	0.00E+00	8.16E-01	0.00E+00	
Food	7.98E-04	3.04E-05	8.16E-01	3.73E-05	
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					4.01E-05

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.98E-01	1.03E-03	1.25E+01	8.23E-05	
Water	0.00E+00	0.00E+00	1.25E+01	0.00E+00	
Food	3.58E-01	1.36E-02	1.25E+01	1.09E-03	
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					1.17E-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		1.04E+00	5.98E+04									
Soil	1.80E-01							2.06E-04		1.00E+00	1.00E+00	2.06E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	7.18E-02			2.74E-03						1.00E+00	1.00E+00	2.74E-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

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		1.04E+00	5.98E+04									
Soil	8.10E-02							9.29E-05		1.00E+00	1.00E+00	9.29E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.23E-02			1.23E-03						1.00E+00	1.00E+00	1.23E-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

000051

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	2.06E-04	1.25E+00	1.65E-04	
Water	0.00E+00	0.00E+00	1.25E+00	0.00E+00	
Food	7.18E-02	2.74E-03	1.25E+00	2.19E-03	
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					2.36E-03

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	9.29E-05	8.56E-02	1.09E-03	
Water	0.00E+00	0.00E+00	8.56E-02	0.00E+00	
Food	3.23E-02	1.23E-03	8.56E-02	1.44E-02	
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					1.55E-02

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		1.04E+00	5.98E+04									
Soil	1.60E-02							1.83E-05		1.00E+00	1.00E+00	1.83E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	6.38E-03			2.43E-04						1.00E+00	1.00E+00	2.43E-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

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		1.04E+00	5.98E+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

000053

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-02	1.83E-05	8.00E-02	2.29E-04	
Water	0.00E+00	0.00E+00	8.00E-02	0.00E+00	
Food	6.38E-03	2.43E-04	8.00E-02	3.04E-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					3.27E-03

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-07	0.00E+00	
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					0.00E+00

000054

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		1.04E+00	5.98E+04									
Soil	3.60E-01							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.	1.44E-01			5.47E-03						1.00E+00	1.00E+00	5.47E-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

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		1.04E+00	5.98E+04									
Soil	3.39E+04							3.89E+01		1.00E+00	1.00E+00	3.89E+01
Water	5.22E+00					2.90E-01				1.00E+00	1.00E+00	2.90E-01
Food-an.	6.78E+03			2.59E+02						1.00E+00	1.00E+00	2.59E+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

000055

Indeno(1,2,3-Cd)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.60E-01	4.13E-04	2.00E-01	2.06E-03	
Water	0.00E+00	0.00E+00	2.00E-01	0.00E+00	
Food	1.44E-01	5.47E-03	2.00E-01	2.74E-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					2.94E-02

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.39E+04	3.89E+01	#DIV/0!	N/A	
Water	5.22E+00	2.90E-01	#DIV/0!	N/A	
Food	6.78E+03	2.59E+02	#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		1.04E+00	5.98E+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		1.04E+00	5.98E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.12E+00					6.23E-02				1.00E+00	1.00E+00	6.23E-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

000057

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	1.12E+00	6.23E-02	8.80E+00	7.08E-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					7.08E-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		1.04E+00	5.98E+04									
Soil	9.22E-03							1.06E-05		1.00E+00	1.00E+00	1.06E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.68E-03			1.40E-04						1.00E+00	1.00E+00	1.40E-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

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		1.04E+00	5.98E+04									
Soil	8.00E-02							9.17E-05		1.00E+00	1.00E+00	9.17E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.19E-02			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	1.50E-01	0.00E+00

000059

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.22E-03	1.06E-05	5.85E-01	1.81E-05	
Water	0.00E+00	0.00E+00	5.85E-01	0.00E+00	
Food	3.68E-03	1.40E-04	5.85E-01	2.40E-04	
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					2.58E-04

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-02	9.17E-05	4.00E+00	2.29E-05	
Water	0.00E+00	0.00E+00	4.00E+00	0.00E+00	
Food	3.19E-02	1.22E-03	4.00E+00	3.04E-04	
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					3.27E-04

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		1.04E+00	5.98E+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

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		1.04E+00	5.98E+04									
Soil	3.01E-03							3.45E-06		1.00E+00	1.00E+00	3.45E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.20E-03			4.57E-05						1.00E+00	1.00E+00	4.57E-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

000061

Nickel	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Water	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Food	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	7.74E+01	0.00E+00	
Total					0.00E+00

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.01E-03	3.45E-06	2.80E-06	1.23E+00	
Water	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Food	1.20E-03	4.57E-05	2.80E-06	1.63E+01	
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					1.76E+01

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		1.04E+00	5.98E+04									
Soil	1.30E+00							1.49E-03		1.00E+00	1.00E+00	1.49E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	5.19E-01			1.98E-02						1.00E+00	1.00E+00	1.98E-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

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		1.04E+00	5.98E+04									
Soil	9.21E-01							1.06E-03		1.00E+00	1.00E+00	1.06E-03
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.67E-01			1.40E-02						1.00E+00	1.00E+00	1.40E-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

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E+00	1.49E-03	5.13E-02	2.90E-02	
Water	0.00E+00	0.00E+00	5.13E-02	0.00E+00	
Food	5.19E-01	1.98E-02	5.13E-02	3.85E-01	
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					4.14E-01

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.21E-01	1.06E-03	7.50E-01	1.41E-03	
Water	0.00E+00	0.00E+00	7.50E-01	0.00E+00	
Food	3.67E-01	1.40E-02	7.50E-01	1.87E-02	
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					2.01E-02

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		1.04E+00	5.98E+04									
Soil	4.00E-03							4.59E-06		1.00E+00	1.00E+00	4.59E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.60E-03			6.08E-05						1.00E+00	1.00E+00	6.08E-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-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		1.04E+00	5.98E+04									
Soil	2.19E+02							2.51E-01		1.00E+00	1.00E+00	2.51E-01
Water	2.32E-02					1.29E-03				1.00E+00	1.00E+00	1.29E-03
Food-an.	1.01E+02			3.84E+00						1.00E+00	1.00E+00	3.84E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+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

000065

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	4.59E-06	2.06E-01	2.23E-05	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	1.60E-03	6.08E-05	2.06E-01	2.95E-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					3.18E-04

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.19E+02	2.51E-01	6.00E+00	4.19E-02	
Water	2.32E-02	1.29E-03	6.00E+00	2.15E-04	
Food	1.01E+02	3.84E+00	6.00E+00	6.40E-01	
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					6.82E-01

2,4,- Dimethylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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		1.04E+00	5.98E+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

4-Methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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		1.04E+00	5.98E+04									
Soil	2.30E-01							2.64E-04		1.00E+00	1.00E+00	2.64E-04
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	9.17E-02			3.50E-03						1.00E+00	1.00E+00	3.50E-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-02	0.00E+00

000067

2,4,- Dimethylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.00E-01	0.00E+00	
Total					0.00E+00

4-Methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.30E-01	2.64E-04	6.00E+00	4.40E-05	
Water	0.00E+00	0.00E+00	6.00E+00	0.00E+00	
Food	9.17E-02	3.50E-03	6.00E+00	5.83E-04	
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					6.27E-04

000068

Endosulfan I	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.70E-03							4.24E-06		1.00E+00	1.00E+00	4.24E-06
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.48E-03			5.63E-05						1.00E+00	1.00E+00	5.63E-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

Gamma BHC	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+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

000063

Endosulfan I	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.70E-03	4.24E-06	2.00E+00	2.12E-06	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	1.48E-03	5.63E-05	2.00E+00	2.81E-05	
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					3.03E-05

Gamma BHC	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

000070

Pentachlorophenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+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

1,2,3,4,6,7,8-HPCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.17E-04							3.64E-07		1.00E+00	1.00E+00	3.64E-07
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.26E-04			4.82E-06						1.00E+00	1.00E+00	4.82E-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-03	0.00E+00

000071

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

1,2,3,4,6,7,8-HPCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.17E-04	3.64E-07	2.80E-06	1.30E-01	
Water	0.00E+00	0.00E+00	2.80E-06	0.00E+00	
Food	1.26E-04	4.82E-06	2.80E-06	1.72E+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					1.85E+00

000072

Di-N-octyl 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		1.04E+00	5.98E+04									
Soil	8.10E-02							9.29E-05		1.00E+00	1.00E+00	9.29E-05
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	3.23E-02			1.23E-03						1.00E+00	1.00E+00	1.23E-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	0.00E+00	0.00E+00

Ocdf	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from Soil mg/kg/day	Dietary Intake Soil mg/kg/day	Air mg/kg/day	Fractional Intake	Absorption Fraction	Predicted Dose mg/kg-day
Ingestion		1.04E+00	5.98E+04									
Soil	3.44E-04							3.94E-07		1.00E+00	1.00E+00	3.94E-07
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
Food-an.	1.37E-04			5.23E-06						1.00E+00	1.00E+00	5.23E-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

000073

Di-N-octyl phthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	9.29E-05	5.50E+01	1.69E-06	
Water	0.00E+00	0.00E+00	5.50E+01	0.00E+00	
Food	3.23E-02	1.23E-03	5.50E+01	2.24E-05	
Inhalation					
Air	0.00E+00	0.00E+00	5.50E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.50E+01	0.00E+00	
Total					2.41E-05

Ocdf	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.44E-04	3.94E-07	4.80E-03	8.22E-05	
Water	0.00E+00	0.00E+00	4.80E-03	0.00E+00	
Food	1.37E-04	5.23E-06	4.80E-03	1.09E-03	
Inhalation					
Air	0.00E+00	0.00E+00	4.80E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	4.80E-03	0.00E+00	
Total					1.17E-03

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

RACCOON

Predicted Chemical Concentration by Media

OBDA

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	2.57E-02	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	3.00E-03	5.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDE	4.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4,4'-DDT	2.46E+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	1.40E-01	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	1.31E-01	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	5.04E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Aluminum	0.00E+00	0.00E+00	8.75E+01	0.00E+00	0.00E+00	0.00E+00
Anthracene	3.30E-01	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	0.00E+00	5.36E-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	8.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(a)pyrene	5.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(b)fluoranthene	7.50E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(g,h,i)perylene	2.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzo(k)fluoranthene	2.90E-01	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	8.90E+00	0.00E+00	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	1.40E+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

OBDA

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	4.67E-03	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	7.00E-01	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	3.10E+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	1.00E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dieldrin	2.90E-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	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluoranthene	8.98E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Fluorene	1.80E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Gamma-Chlordane	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptachlor	1.60E-02	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	3.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Iron	3.39E+04	5.22E+00	1.92E+02	0.00E+00	0.00E+00	0.00E+00
Lead	0.00E+00	0.00E+00	2.70E+00	0.00E+00	0.00E+00	0.00E+00
Manganese	0.00E+00	1.12E+00	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	9.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	8.00E-02	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	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Phenanthrene	1.30E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Pyrene	9.21E-01	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

OBDA

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	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Zinc	2.19E+02	2.32E-02	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	2.30E-01	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	3.70E-03	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
1,2,3,4,6,7,8-HPCDD	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Di-N-Octylphthalate	8.10E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
OCDF	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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			1.02E-04
2-Methylnaphthalene			0.00E+00
3,3'-Dichlorobenzidine			0.00E+00
4,4'-DDD			6.51E-05
4,4'-DDE			9.83E-01
4,4'-DDT			5.34E-02
4-Methyl-2-pentanone			0.00E+00
Acenaphthene			1.39E-04
Acenaphthylene			0.00E+00
Acetone			2.28E-04
Aldrin			0.00E+00
Alpha-Chlordane			1.91E-02
Aluminum			0.00E+00
Anthracene			5.73E-05
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			7.38E-03
Benzo(a)pyrene			4.52E-03
Benzo(b)fluoranthene			6.51E-03
Benzo(g,h,i)perylene			2.26E-03
Benzo(k)fluoranthene			2.52E-03
Benzoic acid			0.00E+00
Beryllium			0.00E+00
Bis(2-ethylexyl)phthalate			0.00E+00
Boron			1.77E-03
Bromodichloromethane			0.00E+00
Bromomethane			0.00E+00
Butyl benzyl phthalate			0.00E+00
Cadmium			4.82E-02
Carbazole			0.00E+00
TOTAL			1.13E+00

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

CHEMICAL			HAZARD QUOTIENT
Carbon disulfide			7.37E-06
Chlorobenzene			0.00E+00
Chloroform			0.00E+00
Chloromethane			0.00E+00
Chromium			0.00E+00
Chrysene			6.08E-03
Cis-1,3-dichloropropene			0.00E+00
Cobalt			0.00E+00
Copper			8.16E-04
Cyanide			0.00E+00
Di-n-butylphthalate			0.00E+00
Dibenzo(a,h)anthracene			0.00E+00
Dibenzofuran			8.68E-04
Dieldrin			1.26E-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			4.26E-06
Fluoranthene			1.25E-03
Fluorene			2.50E-04
Gamma-Chlordane			3.07E-04
Heptachlor			3.47E-04
Heptachlor epoxide			0.00E+00
Indeno(1,2,3-Cd)pyrene			3.13E-03
Iron			N/A
Lead			0.00E+00
Manganese			0.00E+00
Mercury			0.00E+00
Methoxychlor			0.00E+00
Methylene chloride			2.74E-05
Naphthalene			3.47E-05
Nickel			0.00E+00
OCDD			5.22E+01
Phenanthrene			4.40E-02
Pyrene			2.13E-03
Selenium			0.00E+00
Silver			0.00E+00
TOTAL			5.24E+01

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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			3.37E-05
Zinc			2.38E-02
2,4-Dimethylphenol			0.00E+00
4-Methylphenol			6.66E-05
Beta BHC			0.00E+00
Delta BHC			0.00E+00
Endosulfan I			4.28E-04
Gamma BHC			0.00E+00
Pentachlorophenol			0.00E+00
1,2,3,4,6,7,8-HPCDD			5.50E+00
Di-N-Octylphthalate			2.56E-06
OCDF			1.24E-04
TOTAL			5.53E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			8.31E-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			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			1.20E-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			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			1.21E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			1.44E-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			1.44E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			1.64E-05
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
1,2,3,4,6,7,8-HPCDD			0.00E+00
Di-N-Octylphthalate			0.00E+00
OCDF			0.00E+00
TOTAL			1.64E-05

000010

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
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
OBDA
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

Raccoon: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
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
1,2,3,4,6,7,8-HPCDD			0.00E+00
Di-N-Octylphthalate			0.00E+00
OCDF			0.00E+00
TOTAL			1.96E-02

Raccoon: OBDA
Average Concentration

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		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

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		3.67E+00	1.36E+05									
Soil	2.57E-02							8.92E-05		1.00E+00	1.00E+00	8.92E-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

00015

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	2.57E-02	8.92E-05	8.76E-01	1.02E-04	
Water	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
Food	0.00E+00	0.00E+00	8.76E-01	0.00E+00	
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					1.02E-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		3.67E+00	1.36E+05									
Soil	3.00E-03							1.04E-05		1.00E+00	1.00E+00	1.04E-05
Water	5.88E-05					1.33E-06				1.00E+00	1.00E+00	1.33E-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	4.53E+01							1.57E-01		1.00E+00	1.00E+00	1.57E-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	1.00E-02	0.00E+00

000017

Raccoon: OBDA
Average Concentration

4,4'-DDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.00E-03	1.04E-05	1.60E-01	6.51E-05	
Water	5.88E-05	1.33E-06	1.60E-01	8.31E-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					7.34E-05

4,4'-DDE	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.53E+01	1.57E-01	1.60E-01	9.83E-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					9.83E-01

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	2.46E+00							8.54E-03		1.00E+00	1.00E+00	8.54E-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 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

000019

Raccoon: OBDA
Average Concentration

4,4'-DDT	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.46E+00	8.54E-03	1.60E-01	5.34E-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					5.34E-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

020000

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		3.67E+00	1.36E+05									
Soil	1.40E-01							4.86E-04		1.00E+00	1.00E+00	4.86E-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

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		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

000021

Raccoon: OBDA
Average Concentration

Acenaphthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E-01	4.86E-04	3.50E+00	1.39E-04	
Water	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
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					1.39E-04

Acenaphthylene	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	0.00E+00	0.00E+00	3.50E+00	0.00E+00	
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					0.00E+00

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		3.67E+00	1.36E+05									
Soil	1.31E-01							4.56E-04		1.00E+00	1.00E+00	4.56E-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

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		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

000023

Raccoon: OBDA
Average Concentration

Acetone	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.31E-01	4.56E-04	2.00E+00	2.28E-04	
Water	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.00E+00	0.00E+00	
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					2.28E-04

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		3.67E+00	1.36E+05									
Soil	5.04E+00							1.75E-02		1.00E+00	1.00E+00	1.75E-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

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	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.	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

000025

Raccoon: OBDA
Average Concentration

Alpha-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.04E+00	1.75E-02	9.16E-01	1.91E-02	
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					1.91E-02

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	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					1.41E-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 Uptake from 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	3.30E-01							1.15E-03		1.00E+00	1.00E+00	1.15E-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	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

000027

Raccoon: OBDA
Average Concentration

Anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.30E-01	1.15E-03	2.00E+01	5.73E-05	
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					5.73E-05

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	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.36E-02					1.21E-03				1.00E+00	1.00E+00	1.21E-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

000029

Raccoon: OBDA
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	5.36E-02	1.21E-03	1.01E+00	1.20E-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					7.60E-02

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

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		3.67E+00	1.36E+05									
Soil	8.50E-01							2.95E-03		1.00E+00	1.00E+00	2.95E-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

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		3.67E+00	1.36E+05									
Soil	5.20E-01							1.81E-03		1.00E+00	1.00E+00	1.81E-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

000431

Raccoon: OBDA
Average Concentration

Benzo(a)anthracene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.50E-01	2.95E-03	4.00E-01	7.38E-03	
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					7.38E-03

Benzo(a)pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	5.20E-01	1.81E-03	4.00E-01	4.52E-03	
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					4.52E-03

000032

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		3.67E+00	1.36E+05									
Soil	7.50E-01							2.60E-03		1.00E+00	1.00E+00	2.60E-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

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		3.67E+00	1.36E+05									
Soil	2.60E-01							9.03E-04		1.00E+00	1.00E+00	9.03E-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

Benzo(b)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	7.50E-01	2.60E-03	4.00E-01	6.51E-03	
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					6.51E-03

Benzo(g,h,i)perylene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.60E-01	9.03E-04	4.00E-01	2.26E-03	
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					2.26E-03

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		3.67E+00	1.36E+05									
Soil	2.90E-01							1.01E-03		1.00E+00	1.00E+00	1.01E-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

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		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

000035

Raccoon: OBDA
Average Concentration

Benzo(k)fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	1.01E-03	4.00E-01	2.52E-03	
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					2.52E-03

Benzoic acid	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

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	8.90E+00							3.09E-02		1.00E+00	1.00E+00	3.09E-02
Water	0.00E+00					0.00E+00				1.00E+00	1.00E+00	0.00E+00
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

000037

Raccoon: OBDA
Average Concentration

Boron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.90E+00	3.09E-02	1.75E+01	1.77E-03	
Water	0.00E+00	0.00E+00	1.75E+01	0.00E+00	
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					4.25E-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: OBDA
Averag[illegible]ncentration

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	1.40E+00							4.86E-03		1.00E+00	1.00E+00	4.86E-03
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: OBDA
Average Concentration

Cadmium	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.40E+00	4.86E-03	1.01E-01	4.82E-02	
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					1.36E-01

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: OBDA
Averag ncentration

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		3.67E+00	1.36E+05									
Soil	4.67E-03							1.62E-05		1.00E+00	1.00E+00	1.62E-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

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		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: OBDA
Average Concentration

Carbon disulfide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.67E-03	1.62E-05	2.20E+00	7.37E-06	
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					7.37E-06

Chlorobenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Water	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Food	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	2.73E+00	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	2.73E+00	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 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

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	7.00E-01							2.43E-03		1.00E+00	1.00E+00	2.43E-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

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	7.00E-01	2.43E-03	4.00E-01	6.08E-03	
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					6.08E-03

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	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.	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	3.10E+00	1.08E-02	1.32E+01	8.16E-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					1.79E-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	1.00E-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.	0.00E+00			0.00E+00						1.00E+00	1.00E+00	0.00E+00
Food-veg.	0.00E+00				0.00E+00					1.00E+00	1.00E+00	0.00E+00
Inhalation												
Air	0.00E+00								0.00E+00	1.00E+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	2.90E-01							1.01E-03		1.00E+00	1.00E+00	1.01E-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	1.00E-01	3.47E-04	4.00E-01	8.68E-04	
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					8.68E-04

Dieldrin	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.90E-01	1.01E-03	8.00E-03	1.26E-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					1.26E-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		3.67E+00	1.36E+05									
Soil	2.00E-03							6.95E-06		1.00E+00	1.00E+00	6.95E-06
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 Uptake from 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	8.98E-01							3.12E-03		1.00E+00	1.00E+00	3.12E-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

Ethylbenzene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.00E-03	6.95E-06	1.63E+00	4.26E-06	
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					4.26E-06

Fluoranthene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.98E-01	3.12E-03	2.50E+00	1.25E-03	
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					1.25E-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		3.67E+00	1.36E+05									
Soil	1.80E-01							6.25E-04		1.00E+00	1.00E+00	6.25E-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

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		3.67E+00	1.36E+05									
Soil	8.10E-02							2.81E-04		1.00E+00	1.00E+00	2.81E-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

Fluorene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.80E-01	6.25E-04	2.50E+00	2.50E-04	
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					2.50E-04

Gamma-Chlordane	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	2.81E-04	9.16E-01	3.07E-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					3.07E-04

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		3.67E+00	1.36E+05									
Soil	1.60E-02							5.56E-05		1.00E+00	1.00E+00	5.56E-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

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		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

Heptachlor	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.60E-02	5.56E-05	1.60E-01	3.47E-04	
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					3.47E-04

Heptachlor epoxide	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Water	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Food	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	5.92E-06	0.00E+00	
Total					0.00E+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		3.67E+00	1.36E+05									
Soil	3.60E-01							1.25E-03		1.00E+00	1.00E+00	1.25E-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	1.00E-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	3.39E+04							1.18E+02		1.00E+00	1.00E+00	1.18E+02
Water	5.22E+00					1.18E-01				1.00E+00	1.00E+00	1.18E-01
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	3.60E-01	1.25E-03	4.00E-01	3.13E-03	
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					3.13E-03

Iron	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.39E+04	1.18E+02	#DIV/0!	N/A	
Water	5.22E+00	1.18E-01	#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	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.	2.70E+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	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	1.12E+00					2.53E-02				1.00E+00	1.00E+00	2.53E-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: OBDA
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	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					2.72E-02

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	1.12E+00	2.53E-02	1.76E+01	1.44E-03	
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					1.07E-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 Uptake from 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	9.22E-03							3.20E-05		1.00E+00	1.00E+00	3.20E-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

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	8.00E-02							2.78E-04		1.00E+00	1.00E+00	2.78E-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

Methylene chloride	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.22E-03	3.20E-05	1.17E+00	2.74E-05	
Water	0.00E+00	0.00E+00	1.17E+00	0.00E+00	
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					2.74E-05

Naphthalene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.00E-02	2.78E-04	8.00E+00	3.47E-05	
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					3.47E-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		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

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	3.01E-03							1.04E-05		1.00E+00	1.00E+00	1.04E-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

Nickel	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

OCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.01E-03	1.04E-05	2.00E-07	5.22E+01	
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					5.22E+01

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		3.67E+00	1.36E+05									
Soil	1.30E+00							4.52E-03		1.00E+00	1.00E+00	4.52E-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

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	9.21E-01							3.20E-03		1.00E+00	1.00E+00	3.20E-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

Phenanthrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	1.30E+00	4.52E-03	1.03E-01	4.40E-02	
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					4.40E-02

Pyrene	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	9.21E-01	3.20E-03	1.50E+00	2.13E-03	
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					2.13E-03

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

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

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	4.00E-03							1.39E-05		1.00E+00	1.00E+00	1.39E-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-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	2.19E+02							7.61E-01		1.00E+00	1.00E+00	7.61E-01
Water	2.32E-02					5.25E-04				1.00E+00	1.00E+00	5.25E-04
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

000067

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	4.00E-03	1.39E-05	4.12E-01	3.37E-05	
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					3.37E-05

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.19E+02	7.61E-01	3.20E+01	2.38E-02	
Water	2.32E-02	5.25E-04	3.20E+01	1.64E-05	
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					4.34E-02

2,4-Dimethylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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	3.00E-02	0.00E+00

4-Methylphenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake 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	2.30E-01							7.99E-04		1.00E+00	1.00E+00	7.99E-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

2,4-Dimethylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Water	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
Food	0.00E+00	0.00E+00	1.00E+00	0.00E+00	
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					0.00E+00

4-Methylphenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	2.30E-01	7.99E-04	1.20E+01	6.66E-05	
Water	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Food	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	1.20E+01	0.00E+00	
Total					6.66E-05

Endosulfan I	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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	3.70E-03							1.29E-05		1.00E+00	1.00E+00	1.29E-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

Gamma BHC	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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: OBDA
Average Concentration

Endosulfan I	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.70E-03	1.29E-05	3.00E-02	4.28E-04	
Water	0.00E+00	0.00E+00	3.00E-02	0.00E+00	
Food	0.00E+00	0.00E+00	3.00E-02	0.00E+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					4.28E-04

Gamma BHC	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

000072

Pentachlorophenol	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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

1,2,3,4,6,7,8-HPCDD	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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	3.17E-04							1.10E-06		1.00E+00	1.00E+00	1.10E-06
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

Pentachlorophenol	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Water	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Food	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	6.00E-01	0.00E+00	
Total					0.00E+00

1,2,3,4,6,7,8-HPCDD	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.17E-04	1.10E-06	2.00E-07	5.50E+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					5.50E+00

Di-N-Octylphthalate	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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	8.10E-02							2.81E-04		1.00E+00	1.00E+00	2.81E-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	0.00E+00	0.00E+00

OCDF	Predicted Concent.	Weight kg	From Food mg/day	Intake from Meat mg/kg/day	Intake from Vegetation mg/kg/day	Intake from Water mg/kg/day	Dermal Uptake from 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-04							1.19E-06		1.00E+00	1.00E+00	1.19E-06
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

Di-N-Octylphthalate	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	8.10E-02	2.81E-04	1.10E+02	2.56E-06	
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					2.56E-06

OCDF	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	3.44E-04	1.19E-06	9.60E-03	1.24E-04	
Water	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Food	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Inhalation					
Air	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Dermal					
Soil	0.00E+00	0.00E+00	9.60E-03	0.00E+00	
Total					1.24E-04

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

SHORT-TAILED SHREW

Predicted Chemical Concentration by Media

OBDA

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	5.88E-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	0.00E+00	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	5.36E-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	0.00E+00	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

OBDA

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	5.22E+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	1.12E+00	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

OBDA

Chemical	mg/kg Soil	mg/L Water	Ingestion mg/kg Food-Animal	mg/kg Food-Veget.	Inhalation ng/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	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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

Shrew: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			5.46E-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			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			7.87E-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			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			7.93E-01

Shrew: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			9.46E-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			9.46E-01

Shrew: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			1.08E-02
TOTAL			1.08E-02

Shrew: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
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

Shrew: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
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: OBDA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
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: OBDA
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	5.88E-05					8.74E-04				1.00E+00	1.00E+00	8.74E-04
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

Shrew: OBDA
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	5.88E-05	8.74E-04	1.60E-01	5.46E-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

Shrew: OBDA
Average [illegible]entration

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: OBDA
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

Shrew: OBDA
Averag[illegible]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 Uptake from 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	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

000019

Shrew: OBDA
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	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: OBDA
Averagr centration

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: OBDA
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

Shrew: OBDA
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	5.36E-02					7.97E-01				1.00E+00	1.00E+00	7.97E-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: OBDA
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	5.36E-02	7.97E-01	1.01E+00	7.87E-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					7.87E-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: OBDA
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	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

000025

Shrew: OBDA
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

Shrew: OBDA
Averagr 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		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

000027

Shrew: OBDA
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: OBDA
Averag[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

Shrew: OBDA
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

Shrew: OBDA
Average [illegible]entration

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	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		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.22E+00					7.76E+01				1.00E+00	1.00E+00	7.76E+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-02	0.00E+00

000031

Shrew: OBDA
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	0.00E+00	0.00E+00	0.00E+00	N/A	
Water	5.22E+00	7.76E+01	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

000032

Shrew: ORDA
Averag 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	1.12E+00					1.67E+01				1.00E+00	1.00E+00	1.67E+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: OBDA
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	1.12E+00	1.67E+01	1.76E+01	9.46E-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					9.46E-01

Shrew: OBDA
Averag[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	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		1.50E-02	7.95E+03									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	2.32E-02					3.45E-01				1.00E+00	1.00E+00	3.45E-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-02	0.00E+00

Shrew: OBDA
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	2.32E-02	3.45E-01	3.20E+01	1.08E-02	
Food	0.00E+00	0.00E+00	3.20E+01	0.00E+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					1.08E-02

Shrew: [illegible]
Averag[illegible]centration

AREA A DOWNSTREAM WATERCOURSES

OBDA POND

AVERAGE EXPOSURE PT. CONCENTRATIONS

BARRED OWL

Predicted Chemical Concentration by Media

OBDA

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	3.48E+01	5.88E-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	0.00E+00	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	5.36E-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	0.00E+00	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

OBDA

Chemical	mg/kg	mg/L	Ingestion mg/kg	mg/kg	ng/m³ Inhalation	mg/kg 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	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	5.22E+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	1.12E+00	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

OBDA

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	2.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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

Owl: OBDA
Average Concnetration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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: ODBA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF SOIL
OBDA
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
OBDA
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			5.73E-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			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			7.02E-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			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			6.43E-02

Owl: OBDA
Average Concnetration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			1.39E-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			1.39E-02

Owl: ODBA
Average Concentration

RISK ASSESSMENT SPREADSHEET - INGESTION OF WATER
OBDA
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			2.11E-03
TOTAL			2.11E-03

RISK ASSESSMENT SPREADSHEET - INGESTION OF FOOD
OBDA
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
OBDA
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
OBDA
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: OBDA
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		6.30E-01	4.30E+04									
Soil	3.48E+01							4.75E-02		1.00E+00	1.00E+00	4.75E-02
Water	5.88E-05					6.41E-06				1.00E+00	1.00E+00	6.41E-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

Owl: OBDA
Average Concnetration

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	5.88E-05	6.41E-06	1.12E-04	5.73E-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

000017

Owl: OBDA
Average Concnetration

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	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

000019

Owl: OBDA
Average Concnetration

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	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

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

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	5.36E-02					5.85E-03				1.00E+00	1.00E+00	5.85E-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	5.36E-02	5.85E-03	8.33E-01	7.02E-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					7.02E-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

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

000025

Owl: ODBA
Average Concentration

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

000027

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

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

000029

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

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	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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	5.22E+00					5.69E-01				1.00E+00	1.00E+00	5.69E-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-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	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

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	5.22E+00	5.69E-01	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	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	1.12E+00					1.22E-01				1.00E+00	1.00E+00	1.22E-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

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	1.12E+00	1.22E-01	8.80E+00	1.39E-02	
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					1.39E-02

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	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		6.30E-01	4.30E+04									
Soil	0.00E+00							0.00E+00		1.00E+00	1.00E+00	0.00E+00
Water	2.32E-02					2.53E-03				1.00E+00	1.00E+00	2.53E-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-02	0.00E+00

000035

Xylenes, total	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Water	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
Food	0.00E+00	0.00E+00	2.06E-01	0.00E+00	
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					0.00E+00

Zinc	Concentration mg/kg	Dose mg/kg-day	NOAEL	Hazard Quotient	Hazard Index
Ingestion					
Soil	0.00E+00	0.00E+00	1.20E+00	0.00E+00	
Water	2.32E-02	2.53E-03	1.20E+00	2.11E-03	
Food	0.00E+00	0.00E+00	1.20E+00	0.00E+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					2.11E-03