General

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Date: December 15, 2004
Refer To: ER2004-0709

Mr. James Bearzi
NMED – Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, NM 87505-6303

RECEIVED
DEC 2004
NMED Hazardous Waste Bureau

SUBJECT: ANNUAL UPDATE/REVISION OF THE LABORATORY'S ECORISK DATABASE, VERSION 2.1

Dear Mr. Bearzi:

Enclosed please find two compact discs (CDs) containing the annual update/revision of the Laboratory's ECORISK Database for your review. Please read the cover letter file on the CDs before opening the database files as it describes what is on the CDs, installation instructions for the Access database, and several issues pertinent to understanding the information contained within.

The Environmental Stewardship-Remediation Services (ENV-RS) Project maintains and updates this database each year as necessary to ensure that the Ecological Screening Levels (ESLs) used to assess potential ecological risk at sites are representative and current. The reports submitted to the Hazardous Waste Bureau by ENV-RS will use the ESLs presented in version 2.1 starting in January 2005 and continuing until the next version is published.

If you or your staff have any questions please contact Richard Mirenda at (505) 665-6953 or rmirenda@lanl.gov.

Sincerely,

David J. McInroy, Deputy Project Director
Remediation Services
Los Alamos National Laboratory

RM/DM/ds

To Review this Database Information, you will need to come into HWB

13888

Enclosures: CDs containing ECORISK Database

Cy:(w/out enclosures)
A. Dorries, ENV-ECR MS M992
B. Criswell, ENV-RS MS M992
D.McInroy, ENV-RS MS M992
D. Gregory, LASO, MS A316
E. Louderbough, LC-ESH, MS A187
R. Mirenda, ENV-ECR, MS M992
G. Lopez-Escobedo, ENV-RS MS M992
ENV-RS File, MS M992
IM-9, MS A150
RPF, MS M707

December 3, 2004

To Whom It May Concern,

Enclosed is a CD-ROM that contains files for the Los Alamos National Laboratory Environmental Stewardship Remediation Services Project ECORISK Database (Release 2.1), September 2004.

The CD-ROM contains the following folder and files:

- **ECORISK_R2.1_092704a.MDB:** A MS Office Access (2000 or XP) file that is the ECORISK Database Release 2.1. (*LANL Risk Team Reviewed Release)*
- **CoverLetterR2.1_f2000-XPa.doc:** The cover letter you are currently reading.
- **ESLHistorySummary092704a.htm:** A document describing all ESL changes since the beta release of the ECORISK Database to the latest release.
- **ESLs_R2.1.xls:** A MS Office Excel (XP) file that contains all ESLs from the ECORISK Database Release 2.1. This file can be accessed either directly or from within the database.
- **NMWQCC2002_NMAC_20_6_4.pdf:** The State of New Mexico standards for interstate and intrastate surface waters. These values may be useful for local risk assessments. Acrobat Reader software is needed to view this file.
- **GMMTRVDerivationMethods090104b.htm:** Explanations of the content of TRV Summary Reports associated with GMM TRVs derived by LANL based on reviews of primary toxicity studies. This file can be accessed either directly or from within the database.
- **GMMTRVDerivationMethods090104b_files folder**: Contains two files (filelist.xml and header.htm) to ensure proper function of the **GMMTRVDerivationMethods090104b.htm** file.

Installation of Program:

*A directory of **C:/EcoriskDb** must be created in the user's hard drive, and ALL of the files in the CD-ROM must be saved to this location. This is necessary in order to ensure functionality of links to outside files from within the database. Also, the database file cannot be opened directly from the CD-ROM due to the user-level security component of the database structure. Once the file has been copied to C:/EcoriskDb, please make sure that the read-only file property is NOT checked for the database (.mdb) file.*

Interface Issue:

It has been noted that a user of the previous release of the database (ECORISK DB R2.0) experienced difficulty in viewing toxicity reports in Access 2003. These reports are generated from dialog boxes querying for Analyte Name, Organism Group, ESL Model, ESL Receptor, and the like. The report criteria dialog boxes are accessed by selecting options found in the Menu screen under Summary Reports - Toxicity Data and Summary Reports - Transfer Factors - Select an

Analyte/Receptor Specific Transfer Factor Report and in the Custom Reports screen. We are working to resolve the problem. In the interim, you can access the toxicity and transfer factor data from the toxicity data and transfer factor screens accessed when a specific analyte or screening receptor search is performed from the main menu of the ECORISK DB. Please let us know if you experience this problem and/or any other problems.

ESL Screening Receptor Issue:

A mammalian screening receptor used in soil and water ESL models for a mammalian insectivore in the database has changed. The vagrant shrew (*Sorex vagrans*) in New Mexico has been reclassified as the montane shrew, also known as the dusky shrew, (*Sorex monticolus*) by Eastern New Mexico University (see http://fwie.fw.vt.edu/states/nmex_main/species/050725.htm for more information). However, the ESLs reported in the database for the vagrant shrew are applicable to the montane shrew because short-tailed shrew data that was used as surrogates for parameters in the vagrant shrew ESL models is also applicable to the montane shrew as a mammalian insectivore. As a result, only the ESL screening receptor common and scientific name has changed. Please note this name change if you refer to the vagrant shrew screening receptor when citing ESLs; that is, the receptor should now be referred to as the montane shrew.

Other Issues:

This database is a work in progress and although we have reviewed the data within it extensively, we still recommend that you verify the data before use by referring to the actual references cited. The project may be able to assist you in obtaining copies of some of the harder to find documents cited in the database. Also, please note that the ER ID is pending. We will contact you when it is assigned.

Contact Information:

Please contact me by email at jpodolsky@eha-inc.com if you have any trouble with your copy of the database. If you have any questions and/or comments about the database, please contact Patricia Newell, Toxicologist/Database Manager, at pnewell@eha-inc.com or by phone at 505-323-4113.

We encourage you to provide feedback on the database.

Thank you,

Jill S. Podolsky
Wildlife Biologist/Toxicologist
Environmental Health Associates, Inc.

Los Alamos National Laboratory Risk Reduction and Environmental Stewardship Remediation Services Ecorisk Database Release 2.1 (September 2004)

ESL History Summary by Ecorisk Database Release

(Draft September 27, 2004)*

**** If you have a specific question(s) that this document does not address adequately, you may contact the database manager for additional help answering your question(s).***

Table 1. ESL Changes By Ecorisk Database Release
October 1998 – Beta Release
June 1999 – Release 1.0
April 2000 – Release 1.1
September 2000 – Release 1.2
September 2001 – Release 1.3
March 2002 – Release 1.4
September 2002 – Release 1.5
November 2003 – Release 2.0
September 2004 – Release 2.1
Table 2. Beta Release (October 1998) List of Soil ESLs for Bird Receptors
Table 3. Beta Release (October 1998) List of Soil ESLs for Mammalian Receptors
Table 4. Beta Release (October 1998) List of Soil ESLs for Earthworm Receptor
Table 5. Beta Release (October 1998) List of Soil ESLs for Generic Plant Receptor
Table 6. Beta Release (October 1998) List of Sediment and Water ESLs for Aquatic Community Organism Receptors
References

Tables

Table 1. ESL Changes By Ecorisk Database Release

Ecorisk Database Release	ESL Changes

October 1998 – Beta Release	Original ESL models were as follows: Soil ESLs for Bird Receptors: American kestrel (Avian intermediate carnivore), American kestrel (Avian top carnivore), American robin (Avian insectivore) for 46 non-radionuclides and 18 radionuclides (See Table 2). Soil ESLs for Mammalian Receptors: Deer mouse (Mammalian omnivore), Desert cottontail (Mammalian herbivore), Red fox (Mammalian top carnivore), Vagrant shrew (Mammalian insectivore) for 102 non-radionuclides and 18 radionuclides (See Table 3). Soil ESLs for Invertebrate Receptor: Earthworm (Soil-dwelling invertebrate) for 37 non-radionuclides and 18 radionuclides (See Table 4). Soil ESLs for Plant Receptor: Generic plant (Terrestrial autotroph - producer) for 41 non-radionuclides and 18 radionuclides (See Table 5). Sediment and Water ESLs for 12 radionuclides for Aquatic Community Organism Receptors: Aquatic snails (Aquatic herbivore - grazer), Daphnids (Aquatic omnivore/ herbivore), Fish (Aquatic intermediate carnivore), and Algae (Aquatic autotroph – producer). (See Table 6). BACK TO TOP
June 1999 – Release 1.0	Addition of sediment ESLs for 19 radionuclides and or 49 non-radionuclides for the new bird receptor, Violet-green Swallow (Avian aerial insectivore).. Addition of sediment ESLs for 19 radionuclides and or 106 non-radionuclides for the new Mammal receptor, Occult little brown myotis bat (Mammalian aerial insectivore). Addition of 85 sediment ESLs for non-radionuclides ESLs for the new aquatic community organism receptor. Addition of 7 radionuclides (Cesium-134, Cobalt-60,

Europium-152, Radium-228, Sodium-22, Thorium-228, Thorium-230) for sediment and water for aquatic community organism receptors.

Addition of non-radionuclide and radionuclide ESLs (19 rad, 48 non-rad) for soil for the new Bird receptors, American robin (Avian omnivore) and American robin (Avian herbivore).

Addition of non-radionuclide and radionuclide ESLs for water for all bird (19 rad, 48 non-rad) and mammal (19 rad, 106 non-rad) receptors.

Addition of 3 ESLs for soil for Boron, Fluoride and Radium-228 for all applicable bird receptors.

Addition of 3 ESLs for soil for Boron, Fluoride, Strontium (stable), Dichlorobenzene[1,4-], and Radium-228 for all applicable mammal receptors.

Addition of 2 ESLs for soil for Trinitrotoluene[2,4,6-], and Radium-228 for the earthworm receptor.

Addition of 3 ESLs for soil for Amino-2, 6-dinitrotoluene [4-], Boron, and Radium-228 for the generic plant receptor.

Numerous ESL updates. Documentation of specific reasons for updates not available at this time. General documentation of reasons for ESL updates indicated that the radionuclide ESL models underwent extensive revisions and the non-radionculide ESLs were multiplied by a factor of 0.3 per the recommendation of NMED.

BACK TO TOP

April 2000 – Release 1.1	Addition of 5 ESLs for water for Tetrachlorodibenzodioxin[2,3,7,8-], Dinitrotoluene[2,6-], Fluoride, Pentachloronitrobenzene, and Dichloroethene [1,1-] for the aquatic community organism receptor. Addition of soil and water ESLs for Dinitrobenzene[1,3-] for all applicable bird receptors. Addition of a soil ESL for Dibenzofuran for the desert cottontail receptor. Deletion of sediment ESLs for Butanone[2-], Chloroform, Dichloroethane[1,2-], Dichloroethene[cis-1,2-], Dinitrotoluene[2,6-], and Nitrobenzene for the aquatic community organism receptor. The Chloroform ESL was deleted because the toxicity data it was based on was deemed unsuitable. Reasons for other deletions not available at this time. Deletion of water ESL for Dichloroethene[cis-1,2-] for the aquatic community organism. Reason for deletion not available at this time. Numerous ESL updates. Documentation of specific reasons for ESL updates is not available at his time. General reasons for ESL updates are described below. Some ESLs were updated based on reasons documented in the December 1999 Interim ESLs memorandum (Ref ID 1484) and included: 1) the 0.3 factor was removed from the non-radionuclide ESL equations, 2) a correction to the water ESLs to account for a units conversion problem was made (values were multiplied by 1000), 3) all ESL values were rounded down to two significant figures and 4) the aquatic community organism receptor ESL for chlordane was revised. Some ESLs were updated due to the availability of new PTSE derived CS TRVs to replace secondary data source TRVs in ESL calculations. PTSE CS TRVs derived included Amino-2,6-dinitrotoluene[4-]/ Plant, Amino-4,6-dinitrotoluene[2-]/ Plant, Boron/ Bird, /Mammal and / Plant;Chromium (total)/ Bird and /Mammal, Fluoride/

	Bird and / Mammal, Manganese/ Bird, / Mammal and / Plant; Nitroglycerine/ Mammal, Strontium (stable)/ Mammal, Trinitrotoluene[2,4,6-]/ Earthworm, /Mammal and /Plant; Uranium/ Bird, / Mammal and / Plant; and Vanadium/ Bird and / Mammal. Some ESLs were updated due to quality assurance issues including correction of errors in ESL calculations/ parameters, rounding of values or reporting of data. BACK TO TOP
September 2000 – Release 1.2	Addition of soil, sediment and water ESLs for Dichloroethane[1,2-] for all applicable bird and mammal receptors because new PTSE derived TRVs were available. Addition of soil, sediment and water ESLs for Lead-210, Neptunium-237, Thorium-229, Uranium-233, and Uranium-236 for all applicable bird, mammal, earthworm, generic plant and aquatic community organism receptors. Addition of soil ESLs for HMX and RDX for the earthworm receptor. Reason for addition not available at this time. Addition of a water ESL for Dinitrobenzene[1,3-] for the aquatic community organism receptor. Reason for addition not available at this time. Deletion of soil, sediment and water ESLs for Chloro-3-methylphenol[4-] for all applicable bird, mammal, and aquatic community organism receptors. Reasons for deletions not available at this time. Deletion of soil, sediment and water ESLs for Tetrachloroethane[1,1,2,2-] for all applicable mammal, and aquatic community organism receptors. Reasons for deletions not available at this time. Deletion of sediment ESLs for Dinitrobenzene[1,3-], Iron, Polychlorinated Biphenyls, Dimethyl Phthalate, and Phenol for the aquatic community organism receptor.

	Deletion of water ESLs for Calcium, Nitrate (expressed as NO3), and Dichloroethene[1,1-] for the aquatic community organism receptor. Reasons for deletions not available at this time. Deletion of the soil ESL or Dibenzofuran for the desert cottontail receptor. Reason for deletion not available at this time. Numerous ESL updates. Some ESLs were updated because new PTSE derived CS TRVs were available to replace secondary data source TRVs. PTSE CS TRVs available included Acetone/Bird, Barium Bird, Barium/Mammal, Barium/Plant, HMX/ Invertebrate, HMX/Mammal, Lead/Mammal, Lead/Bird, Lead/Invertebrate, Lead/Plant, RDX/Invertebrate, RDX/ Mammal, Silver/Bird, Silver/Plant,1,3,5-Trinitrobenzene/ Mammal, Thallium/Plant, Zinc/Bird, Zinc Invertebrate. Other ESLs were updated for quality assurance issues including correction of errors in ESL calculations/ parameters, rounding of values or reporting of data. BACK TO TOP
September 2001 – Release 1.3	Addition of soil ESL for Chromium (total) for the earthworm receptor due to the availability of a new internally approved secondary data source TRV. Addition of soil ESL for DDT[4,4'-] for the generic plant receptor due to the availability of a new internally approved secondary data source TRV. Addition of water ESL for Dichloroethene[1,1-] for the aquatic community organism receptor due to the availability of a new internally approved secondary data source TRV. Numerous ESL updates. Some ESLs were updated because new PTSE derived CS TRVs were available to replace secondary data source

	TRVs. PTSE CS TRVs available included DDE[4,4'-]/Bird, DDE[4,4'-]/Mammal, DDT[4,4'-]/Bird, DDT[4,4'-]/Mammal, DDT[4,4'-]/Plant, Aroclor-1016, Aroclor-1242, Aroclor-1248, Aroclor-1254 and Aroclor-1260/Mammal; Aroclor-1242, Aroclor-1248, Aroclor-1254 and Aroclor-1260/Bird; and Aroclor-1254/Plant. Other ESLs were updated for quality assurance issues including correction of errors in ESL calculations/parameters, rounding of values or reporting of data. BACK TO TOP
March 2002 – Release 1.4	Numerous ESL updates. Radionculide ESLs, except Tritium, were updated due to revision of TF_plant and TF_invert from a dry weight basis to a fresh weight basis assuming 85% and 61% moisture content of plant and invertebrate diets, respectively (Ref ID 0561). This revision was required for units to cancel correctly in the ESL model equations. Radionculde ESLs for Tritium were updated due to revision of TF_plant and TF_invert to assume equilibrium between the tritium in soil moisture and tissue waters. The value is calculated by dividing the moisture in tissues by the moisture in soil where 61% moisture content of invertebrates is based on beetles (Ref ID 0561, Table 4-1, p. 4-13) and 85% moisture content of plant material is based on leaves (Ref ID 0561, Table 4-2, p.4-14) and soil moisture of 10% is based on an average soil moisture found in the Los Alamos area. This revision was required for units to cancel correctly in the ESL model equations. Radionuclide ESLs were also updated due to the revision of TF_flesh, which was revised because it is calculated from TF_plant and TF_invert, which were revised as explained above. This revision was required for units to cancel correctly in the ESL model equations. Radionuclide ESLs were also update due to the revision of all receptor intake rates from a dry weight basis to a fresh weight basis where the moisture content of

	invertebrates is assumed to be 61% (beetles (Ref ID 0561, Table 4-1, p. 4-13)), of plant materials is assumed to be 85% (leaves (Ref ID 0561, Table 4-2, p.4-14)), and flesh is assumed to be 68% (mammals - mice, voles, rabbits (Ref ID 0561,Table 4-1, p. 4-13). This revision was required for units to cancel correctly in the ESL model equations. Radionuclide ESLs were also updated due to the replacement of TF_beef with TF_blood in ESL models. TF(blood) is calculated by multiplying TF(beef) by I (food) or in the case of water intake, I(water). TF(blood) is required in all radionuclide ESL models for wildlife, and TF(beef) was used as a surrogate measure to estimate body burdens for internal dose calculations. TF(beef) has been replaced by TF(blood) in all these models so that the units in these models cancel properly. Internal dose calculations require a TF that models the transfer of radionuclides from food to blood. Other reasons for ESL updates include the rounding of ESL model parameters to 3 significant digits for reporting consistency as well addressing quality assurance issues. BACK TO TOP
September 2002 – Release 1.5	Addition of soil, sediment and water ESLs for Trinitrotoluene[2,4,6-] for all applicable bird receptors due to the availability of a new PTSE derived CS TRV. Addition of soil ESL for Tetrachloroethene for the generic plant receptor due to the availability of a new PTSE derived CS TRV. Numerous ESL updates. Some ESLs were updated due to the availability of new PTSE derived CS TRVs to replace secondary data source TRVs in ESL calculations. Applicable PTSE TRVs derived included Tetrachlorodibenzodioxin[2,3,7,8-]/Bird, Mammal, and Plant; Antimony/Mammal, Cadmium/Bird, Mammal and Invertebrate; Copper/Bird and Mammal; Mercury (inorganic) /Bird, Mammal and Invertebrate;

	Nickel /Bird, Mammal and Invertebrate; Selenim/ Invertebrate, Zinc/Mammal and Plant; Tetrachloroethene/ Mammal, Trichloroethane[1,1,1-]/Mammal, Trichloroethene/Mammal, and Xylene (total)/Bird. Some ESLs were updated due to quality assurance issues for TRVs. Specific details of issues are not available at this time. BACK TO TOP
November 2003 – Release 2.0	Addition of soil ESLs for Antimony, Barium, and Beryllium for the earthworm receptor due to the availability of EPA Eco-SSL TRVs. Deletion of the soil ESL for Trinitrotoluene[2,4,6-] for the earthworm receptor because the toxicity data it was based on was deemed unsuitable. Deletion of soil ESLs for Aluminum for all applicable bird, mammal and generic plant receptors because EPA Eco-SSL uses a soil pH of less than 5.5 as an indicator of toxicity instead of an Aluminum soil concentration. Numerous ESL updates. Some ESLs were updated due to the availability of new PTSE derived GMM TRVs to replace PTSE derived CS TRVs or secondary data source TRVs in ESL calculations. Applicable PTSE GMM TRVs included, Aroclor-1016, Aroclor-1242, Aroclor-1254, Aroclor-1260, DDT[4,4'-], Di-n-Butyl Phthalate, Nickel, RDX, and Tetrachlorodibenzodioxin[2,3,7,8-] for food exposure for Mammals; Antimony, Cadmium, and Lead for drinking water exposure for Mammals; Aroclor-1260, Barium, Boron, Copper, DDE[4,4'-], Nickel, and Zinc for food exposure for Birds; Aroclor-1254, Boron, and Di-n-Butyl Phthalate for soil exposure for Plants; and Zinc for soil exposure for Invertebrates. Some ESLs were updated due to the availability of EPA Eco-SSL TRVs to replace PTSE or secondary data source TRVs in ESL calculations. Applicable EPA Eco-SSL TRVs available included Antimony, Barium, Beryllium,

	Cadmium, Cobalt, Lead, and Dieldrin for food exposure for Mamals; Cadmium, Cobalt, Lead, and Dieldrin for food exposures for Birds; Antimony, Barium, Beryllium, Cadmium, and Lead for soil exposure for Invertebrates; and Cadmium, Cobalt, and Lead for soil exposure for Plants. Some ESLs were updated due to the availability of EPA NRWQC CCC TRVs to replace other secondary data source TRVs. Applicable EPA NRWQC CCC TRVs available included Selenium and Mercury (inorganic) for water exposure for the aquatic community organism receptor. Other ESLs were updated due to addressing data quality assurance issues or because the previously used toxicity data the ESLs were based on was deemed unsuitable and was revised appropriately to make it suitable. Specific details of issues are not available at this time. BACK TO TOP
September 2004 – Release 2.1	A mammalian screening receptor used in soil and water ESL models for a mammalian insectivore in the database has changed. The vagrant shrew (*Sorex vagrans*) in New Mexico has been reclassified as the montane shrew, also known as the dusky shrew, (*Sorex monticolus*) by Eastern New Mexico University (see http://fwie.fw.vt.edu/states/nmex_main/species/050725.htm for more information). However, this the ESLs for the vagrant shrew are applicable to the montane shrew because the short-tailed shrew data that was used as surrogates for parameters in the vagrant shrew ESL models are applicable for the montane shrew as a mammalian insectivore. As a result, only the ESL screening receptor common and scientific name has changed. Addition of soil ESL for HMX for the generic plant receptor due to the availability of a new Tier 2 TRV (PTSE GMM TRV). Addition of soil ESL for Trinitrotoluene[2,4,6-] for the earthworm receptor due to the availability of a new Tier 3

TRV (PTSE CS TRV).

Addition of sediment and soil ESLs for RDX for all applicable bird receptors due to the availability of a new Tier 2 TRV (PTSE GMM TRV).

Addition of sediment, soil and water ESLs for Thallium for all applicable bird receptors due to the availability of a newly approved Tier 4 TRV (secondary data source CS TRV).

Addition of 16 air ESLs for Acetone, Benzene, Carbon, Tetrachloride, Chloroform, Chloromethane, Dichlorodifluoromethane, Dichloroethane[1,1-], Dichloroethane[1,2-], Dichloroethene[1,1-], Methylene Chloride, Tetrachloroethene, Toluene, Trichloroethane [1,1,1-], Trichloroethene, Trichlorofluoromethane, and Xylene (Total) for the new Mammal receptor, Botta's Pocket Gopher (Burrowing mammal). These ESL were added due to the availability of new Tier 2 TRVs (PTSE GMM TRVs).

Deletion of sediment, soil and water ESLs for Tetrachlorodibenzodioxin[2,3,7,8-] for all applicable bird receptors due to discontinued use of previous Tier 3 (CS) TRV that was deemed unsuitable because it was based on an non-oral exposure (i.p. injection).

Numerous ESL updates.

Naphthalene soil and sediment ESLs for all applicable bird receptors updated due to the previous Tier 4 TRV (secondary data source CS TRV) being replaced by a new Tier 2 TRV (PTSE GMM TRV).

Chromium (+6) soil, sediment and water ESLs for all applicable bird receptors updated due to the previous Tier 4 (CS) TRV being replaced by a new Tier 3 TRV (PTSE CS TRV).

Chromium (total) soil, sediment and water ESLs are based on Chromium (+6) toxicity data and because the oral chromium (+6) TRV for birds was updated (see previous paragraph), the corresponding chromium (total)

ESLs for birds were updated accordingly based on the new chromium (+6) data.

HMX soil ESL for the earthworm receptor updated due to the previous Tier 3 TRV (PTSE CS TRV) being replaced by a new Tier 2 TRV (PTSE GMM TRV).

RDX soil ESL for the earthworm receptor updated due to the previous Tier 3 TRV (PTSE CS TRV) being replaced by a new Tier 3 TRV (PTSE CS TRV).

Trinitrotoluene[2,4,6-] soil ESL for the generic plant receptor updated due to the Tier 3 TRV (PTSE CS TRV) being replaced by a new Tier 2 TRV (PTSE GMM TRV).

Plutonium-241 water ESL for the vagrant shrew receptor updated due to the revision of the ESL model parameter, TF_blood, that was corrected for a previous rounding error.

All ESL for radionuclides in sediment for aquatic receptors were revised based on the guidance of DOE-STD-1153-2002 to not include internal dose for aquatic organisms exposed to radionuclides in sediment. The ESL model parameter, DCF_int_fw, was set to 0 to incorporate this guidance.

BACK TO TOP

Table 2. Beta Release (October 1998) List of Soil ESLs for Bird Receptors

Analyte Class	Analyte Group	Analyte Name	Analyte Code	ESL Medium	Receptor Group
NONRAD	D/F	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Bird
NONRAD	INORG	Aluminum	AL	SOIL	Bird
NONRAD	INORG	Arsenic	AS	SOIL	Bird
NONRAD	INORG	Barium	BA	SOIL	Bird
NONRAD	INORG	Cadmium	CD	SOIL	Bird
NONRAD	INORG	Chromium (total)	CR	SOIL	Bird
NONRAD	INORG	Chromium(+6)	CR(+6)	SOIL	Bird
NONRAD	INORG	Cobalt	CO	SOIL	Bird
NONRAD	INORG	Copper	CU	SOIL	Bird
NONRAD	INORG	Cyanide (total)	CN(-1)	SOIL	Bird

NONRAD	INORG	Lead	PB	SOIL	Bird
NONRAD	INORG	Manganese	MN	SOIL	Bird
NONRAD	INORG	Mercury (inorganic)	HGI	SOIL	Bird
NONRAD	INORG	Mercury (methyl)	HGM	SOIL	Bird
NONRAD	INORG	Nickel	NI	SOIL	Bird
NONRAD	INORG	Selenium	SE	SOIL	Bird
NONRAD	INORG	Silver	AG	SOIL	Bird
NONRAD	INORG	Uranium	U	SOIL	Bird
NONRAD	INORG	Vanadium	V	SOIL	Bird
NONRAD	INORG	Zinc	ZN	SOIL	Bird
NONRAD	PAH	Naphthalene	91-20-3	SOIL	Bird
NONRAD	PCB	Aroclor-1242	53469-21-9	SOIL	Bird
NONRAD	PCB	Aroclor-1248	12672-29-6	SOIL	Bird
NONRAD	PCB	Aroclor-1254	11097-69-1	SOIL	Bird
NONRAD	PCB	Aroclor-1260	11096-82-5	SOIL	Bird
NONRAD	PEST	BHC[beta-]	319-85-7	SOIL	Bird
NONRAD	PEST	BHC[gamma-]	58-89-9	SOIL	Bird
NONRAD	PEST	Chlordane[alpha-]	5103-71-9	SOIL	Bird
NONRAD	PEST	Chlordane[gamma-]	5103-74-2	SOIL	Bird
NONRAD	PEST	DDE[4,4'-]	72-55-9	SOIL	Bird
NONRAD	PEST	DDT[4,4'-]	50-29-3	SOIL	Bird
NONRAD	PEST	Dieldrin	60-57-1	SOIL	Bird
NONRAD	PEST	Endosulfan	115-29-7	SOIL	Bird
NONRAD	PEST	Endrin	72-20-8	SOIL	Bird
NONRAD	PEST	Heptachlor	76-44-8	SOIL	Bird
NONRAD	PEST	Kepone	143-50-0	SOIL	Bird
NONRAD	PEST	Methoxychlor[4,4'-]	72-43-5	SOIL	Bird
NONRAD	PEST	Toxaphene (Technical Grade)	8001-35-2	SOIL	Bird
NONRAD	SVOC	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	Bird
NONRAD	SVOC	Chloro-3-methylphenol[4-]	59-50-7	SOIL	Bird
NONRAD	SVOC	Chlorophenol[2-]	95-57-8	SOIL	Bird
NONRAD	SVOC	Di-n-Butyl Phthalate	84-74-2	SOIL	Bird
NONRAD	SVOC	Pentachloronitrobenzene	82-68-8	SOIL	Bird
NONRAD	SVOC	Pentachlorophenol	87-86-5	SOIL	Bird
NONRAD	VOC	Acetone	67-64-1	SOIL	Bird
NONRAD	VOC	Xylene (Total)	1330-20-7	SOIL	Bird
RAD	RAD	Americium-241	AM-241	SOIL	Bird
RAD	RAD	Cesium-134	CS-134	SOIL	Bird
RAD	RAD	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Bird
RAD	RAD	Cobalt-60	CO-60	SOIL	Bird
RAD	RAD	Europium-152	EU-152	SOIL	Bird
RAD	RAD	Plutonium-238	PU-238	SOIL	Bird
RAD	RAD	Plutonium-239, 240	PU-239/240	SOIL	Bird
RAD	RAD	Plutonium-241	PU-241	SOIL	Bird
RAD	RAD	Radium-226	RA-226	SOIL	Bird

RAD	RAD	Sodium-22	NA-22	SOIL	Bird
RAD	RAD	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Bird
RAD	RAD	Thorium-228	TH-228	SOIL	Bird
RAD	RAD	Thorium-230	TH-230	SOIL	Bird
RAD	RAD	Thorium-232	TH-232	SOIL	Bird
RAD	RAD	Tritium	H-3	SOIL	Bird
RAD	RAD	Uranium-234	U-234	SOIL	Bird
RAD	RAD	Uranium-235	U-235	SOIL	Bird
RAD	RAD	Uranium-238	U-238	SOIL	Bird

BACK TO TOP

Table 3. Beta Release (October 1998) List of Soil ESLs for Mammalian Receptors

Analyte Class	Analyte Group	Analyte Name	Analyte Code	ESL Medium	Receptor Group
NONRAD	D/F	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Mammal
NONRAD	HE	Amino-2,6-dinitrotoluene[4-]	19406-51-0	SOIL	Mammal
NONRAD	HE	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SOIL	Mammal
NONRAD	HE	Dinitrobenzene[1,3-]	99-65-0	SOIL	Mammal
NONRAD	HE	Dinitrotoluene[2,4-]	121-14-2	SOIL	Mammal
NONRAD	HE	Dinitrotoluene[2,6-]	606-20-2	SOIL	Mammal
NONRAD	HE	HMX	2691-41-0	SOIL	Mammal
NONRAD	HE	Nitroglycerine	55-63-0	SOIL	Mammal
NONRAD	HE	Nitrotoluene[2-]	88-72-2	SOIL	Mammal
NONRAD	HE	Nitrotoluene[3-]	99-08-1	SOIL	Mammal
NONRAD	HE	Nitrotoluene[4-]	99-99-0	SOIL	Mammal
NONRAD	HE	PETN	78-11-5	SOIL	Mammal
NONRAD	HE	RDX	121-82-4	SOIL	Mammal
NONRAD	HE	Tetryl	479-45-8	SOIL	Mammal
NONRAD	HE	Trinitrobenzene[1,3,5-]	99-35-4	SOIL	Mammal
NONRAD	HE	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Mammal
NONRAD	INORG	Aluminum	AL	SOIL	Mammal
NONRAD	INORG	Antimony	SB	SOIL	Mammal
NONRAD	INORG	Arsenic	AS	SOIL	Mammal
NONRAD	INORG	Barium	BA	SOIL	Mammal
NONRAD	INORG	Beryllium	BE	SOIL	Mammal
NONRAD	INORG	Cadmium	CD	SOIL	Mammal
NONRAD	INORG	Chromium (total)	CR	SOIL	Mammal
NONRAD	INORG	Chromium(+6)	CR(+6)	SOIL	Mammal
NONRAD	INORG	Cobalt	CO	SOIL	Mammal
NONRAD	INORG	Copper	CU	SOIL	Mammal
NONRAD	INORG	Cyanide (total)	CN(-1)	SOIL	Mammal
NONRAD	INORG	Lead	PB	SOIL	Mammal
NONRAD	INORG	Manganese	MN	SOIL	Mammal
NONRAD	INORG	Mercury (inorganic)	HGI	SOIL	Mammal

NONRAD	INORG	Mercury (methyl)	HGM	SOIL	Mammal
NONRAD	INORG	Nickel	NI	SOIL	Mammal
NONRAD	INORG	Selenium	SE	SOIL	Mammal
NONRAD	INORG	Silver	AG	SOIL	Mammal
NONRAD	INORG	Thallium	TL	SOIL	Mammal
NONRAD	INORG	Titanium	TI	SOIL	Mammal
NONRAD	INORG	Uranium	U	SOIL	Mammal
NONRAD	INORG	Vanadium	V	SOIL	Mammal
NONRAD	INORG	Zinc	ZN	SOIL	Mammal
NONRAD	PAH	Acenaphthene	83-32-9	SOIL	Mammal
NONRAD	PAH	Acenaphthylene	208-96-8	SOIL	Mammal
NONRAD	PAH	Anthracene	120-12-7	SOIL	Mammal
NONRAD	PAH	Benzo(a)anthracene	56-55-3	SOIL	Mammal
NONRAD	PAH	Benzo(a)pyrene	50-32-8	SOIL	Mammal
NONRAD	PAH	Benzo(b)fluoranthene	205-99-2	SOIL	Mammal
NONRAD	PAH	Benzo(g,h,i)perylene	191-24-2	SOIL	Mammal
NONRAD	PAH	Benzo(k)fluoranthene	207-08-9	SOIL	Mammal
NONRAD	PAH	Chrysene	218-01-9	SOIL	Mammal
NONRAD	PAH	Dibenzo(a,h)anthracene	53-70-3	SOIL	Mammal
NONRAD	PAH	Fluoranthene	206-44-0	SOIL	Mammal
NONRAD	PAH	Fluorene	86-73-7	SOIL	Mammal
NONRAD	PAH	Indeno(1,2,3-cd)pyrene	193-39-5	SOIL	Mammal
NONRAD	PAH	Methylnaphthalene[2-]	91-57-6	SOIL	Mammal
NONRAD	PAH	Naphthalene	91-20-3	SOIL	Mammal
NONRAD	PAH	Phenanthrene	85-01-8	SOIL	Mammal
NONRAD	PAH	Pyrene	129-00-0	SOIL	Mammal
NONRAD	PCB	Aroclor-1016	12674-11-2	SOIL	Mammal
NONRAD	PCB	Aroclor-1242	53469-21-9	SOIL	Mammal
NONRAD	PCB	Aroclor-1248	12672-29-6	SOIL	Mammal
NONRAD	PCB	Aroclor-1254	11097-69-1	SOIL	Mammal
NONRAD	PCB	Aroclor-1260	11096-82-5	SOIL	Mammal
NONRAD	PEST	BHC[beta-]	319-85-7	SOIL	Mammal
NONRAD	PEST	BHC[gamma-]	58-89-9	SOIL	Mammal
NONRAD	PEST	Chlordane[alpha-]	5103-71-9	SOIL	Mammal
NONRAD	PEST	Chlordane[gamma-]	5103-74-2	SOIL	Mammal
NONRAD	PEST	DDE[4,4'-]	72-55-9	SOIL	Mammal
NONRAD	PEST	DDT[4,4'-]	50-29-3	SOIL	Mammal
NONRAD	PEST	Dieldrin	60-57-1	SOIL	Mammal
NONRAD	PEST	Endosulfan	115-29-7	SOIL	Mammal
NONRAD	PEST	Endrin	72-20-8	SOIL	Mammal
NONRAD	PEST	Heptachlor	76-44-8	SOIL	Mammal
NONRAD	PEST	Kepone	143-50-0	SOIL	Mammal
NONRAD	PEST	Methoxychlor[4,4'-]	72-43-5	SOIL	Mammal
NONRAD	PEST	Toxaphene (Technical Grade)	8001-35-2	SOIL	Mammal
NONRAD	SVOC	Benzoic Acid	65-85-0	SOIL	Mammal

NONRAD	SVOC	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	Mammal
NONRAD	SVOC	Butyl Benzyl Phthalate	85-68-7	SOIL	Mammal
NONRAD	SVOC	Chloro-3-methylphenol[4-]	59-50-7	SOIL	Mammal
NONRAD	SVOC	Chlorobenzene	108-90-7	SOIL	Mammal
NONRAD	SVOC	Chlorophenol[2-]	95-57-8	SOIL	Mammal
NONRAD	SVOC	Dimethyl Phthalate	131-11-3	SOIL	Mammal
NONRAD	SVOC	Di-n-Butyl Phthalate	84-74-2	SOIL	Mammal
NONRAD	SVOC	Di-n-octylphthalate	117-84-0	SOIL	Mammal
NONRAD	SVOC	Nitrobenzene	98-95-3	SOIL	Mammal
NONRAD	SVOC	Pentachloronitrobenzene	82-68-8	SOIL	Mammal
NONRAD	SVOC	Pentachlorophenol	87-86-5	SOIL	Mammal
NONRAD	SVOC	Phenol	108-95-2	SOIL	Mammal
NONRAD	VOC	Acetone	67-64-1	SOIL	Mammal
NONRAD	VOC	Benzene	71-43-2	SOIL	Mammal
NONRAD	VOC	Butanone[2-]	78-93-3	SOIL	Mammal
NONRAD	VOC	Chloroform	67-66-3	SOIL	Mammal
NONRAD	VOC	Dichloroethane[1,1-]	75-34-3	SOIL	Mammal
NONRAD	VOC	Dichloroethene[1,1-]	75-35-4	SOIL	Mammal
NONRAD	VOC	Dichloroethene[cis/trans-1,2-]	540-59-0	SOIL	Mammal
NONRAD	VOC	Methylene Chloride	75-09-2	SOIL	Mammal
NONRAD	VOC	Tetrachloroethane[1,1,2,2-]	79-34-5	SOIL	Mammal
NONRAD	VOC	Tetrachloroethene	127-18-4	SOIL	Mammal
NONRAD	VOC	Toluene	108-88-3	SOIL	Mammal
NONRAD	VOC	Trichlorobenzene[1,2,4-]	120-82-1	SOIL	Mammal
NONRAD	VOC	Trichloroethane[1,1,1-]	71-55-6	SOIL	Mammal
NONRAD	VOC	Trichloroethene	79-01-6	SOIL	Mammal
NONRAD	VOC	Xylene (Total)	1330-20-7	SOIL	Mammal
RAD	RAD	Americium-241	AM-241	SOIL	Mammal
RAD	RAD	Cesium-134	CS-134	SOIL	Mammal
RAD	RAD	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Mammal
RAD	RAD	Cobalt-60	CO-60	SOIL	Mammal
RAD	RAD	Europium-152	EU-152	SOIL	Mammal
RAD	RAD	Plutonium-238	PU-238	SOIL	Mammal
RAD	RAD	Plutonium-239, 240	PU-239/240	SOIL	Mammal
RAD	RAD	Plutonium-241	PU-241	SOIL	Mammal
RAD	RAD	Radium-226	RA-226	SOIL	Mammal
RAD	RAD	Sodium-22	NA-22	SOIL	Mammal
RAD	RAD	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Mammal
RAD	RAD	Thorium-228	TH-228	SOIL	Mammal
RAD	RAD	Thorium-230	TH-230	SOIL	Mammal
RAD	RAD	Thorium-232	TH-232	SOIL	Mammal
RAD	RAD	Tritium	H-3	SOIL	Mammal
RAD	RAD	Uranium-234	U-234	SOIL	Mammal
RAD	RAD	Uranium-235	U-235	SOIL	Mammal

RAD	RAD	Uranium-238	U-238	SOIL	Mammal

BACK TO TOP

Table 4. Beta Release (October 1998) List of Soil ESLs for Earthworm Receptor

Analyte Class	Analyte Class	Analyte Class	Analyte Class	Analyte Class	Analyte Class
NONRAD	D/F	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Invertebrate
NONRAD	INORG	Arsenic	AS	SOIL	Invertebrate
NONRAD	INORG	Cadmium	CD	SOIL	Invertebrate
NONRAD	INORG	Chromium(+6)	CR(+6)	SOIL	Invertebrate
NONRAD	INORG	Copper	CU	SOIL	Invertebrate
NONRAD	INORG	Lead	PB	SOIL	Invertebrate
NONRAD	INORG	Mercury (inorganic)	HGI	SOIL	Invertebrate
NONRAD	INORG	Mercury (methyl)	HGM	SOIL	Invertebrate
NONRAD	INORG	Nickel	NI	SOIL	Invertebrate
NONRAD	INORG	Selenium	SE	SOIL	Invertebrate
NONRAD	INORG	Zinc	ZN	SOIL	Invertebrate
NONRAD	PAH	Fluorene	86-73-7	SOIL	Invertebrate
NONRAD	SVOC	Chlorobenzene	108-90-7	SOIL	Invertebrate
NONRAD	SVOC	Dimethyl Phthalate	131-11-3	SOIL	Invertebrate
NONRAD	SVOC	Nitrobenzene	98-95-3	SOIL	Invertebrate
NONRAD	SVOC	Pentachlorophenol	87-86-5	SOIL	Invertebrate
NONRAD	SVOC	Phenol	108-95-2	SOIL	Invertebrate
NONRAD	VOC	Dichlorobenzene[1,4-]	106-46-7	SOIL	Invertebrate
NONRAD	VOC	Trichlorobenzene[1,2,4-]	120-82-1	SOIL	Invertebrate
RAD	RAD	Americium-241	AM-241	SOIL	Invertebrate
RAD	RAD	Cesium-134	CS-134	SOIL	Invertebrate
RAD	RAD	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Invertebrate
RAD	RAD	Cobalt-60	CO-60	SOIL	Invertebrate
RAD	RAD	Europium-152	EU-152	SOIL	Invertebrate
RAD	RAD	Plutonium-238	PU-238	SOIL	Invertebrate
RAD	RAD	Plutonium-239, 240	PU-239/240	SOIL	Invertebrate
RAD	RAD	Plutonium-241	PU-241	SOIL	Invertebrate
RAD	RAD	Radium-226	RA-226	SOIL	Invertebrate
RAD	RAD	Sodium-22	NA-22	SOIL	Invertebrate
RAD	RAD	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Invertebrate
RAD	RAD	Thorium-228	TH-228	SOIL	Invertebrate
RAD	RAD	Thorium-230	TH-230	SOIL	Invertebrate
RAD	RAD	Thorium-232	TH-232	SOIL	Invertebrate
RAD	RAD	Tritium	H-3	SOIL	Invertebrate
RAD	RAD	Uranium-234	U-234	SOIL	Invertebrate
RAD	RAD	Uranium-235	U-235	SOIL	Invertebrate
RAD	RAD	Uranium-238	U-238	SOIL	Invertebrate

BACK TO TOP

Table 5. Beta Release (October 1998) List of Soil ESLs for Generic Plant Receptor

Analyte Class	Analyte Class	Analyte Class	Analyte Class	Analyte Class	Analyte Class
NONRAD	HE	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SOIL	Plant
NONRAD	HE	RDX	121-82-4	SOIL	Plant
NONRAD	HE	Tetryl	479-45-8	SOIL	Plant
NONRAD	HE	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Plant
NONRAD	INORG	Aluminum	AL	SOIL	Plant
NONRAD	INORG	Antimony	SB	SOIL	Plant
NONRAD	INORG	Arsenic	AS	SOIL	Plant
NONRAD	INORG	Barium	BA	SOIL	Plant
NONRAD	INORG	Beryllium	BE	SOIL	Plant
NONRAD	INORG	Cadmium	CD	SOIL	Plant
NONRAD	INORG	Chromium (total)	CR	SOIL	Plant
NONRAD	INORG	Chromium(+6)	CR(+6)	SOIL	Plant
NONRAD	INORG	Cobalt	CO	SOIL	Plant
NONRAD	INORG	Copper	CU	SOIL	Plant
NONRAD	INORG	Lead	PB	SOIL	Plant
NONRAD	INORG	Manganese	MN	SOIL	Plant
NONRAD	INORG	Mercury (inorganic)	HGI	SOIL	Plant
NONRAD	INORG	Nickel	NI	SOIL	Plant
NONRAD	INORG	Selenium	SE	SOIL	Plant
NONRAD	INORG	Silver	AG	SOIL	Plant
NONRAD	INORG	Thallium	TL	SOIL	Plant
NONRAD	INORG	Uranium	U	SOIL	Plant
NONRAD	INORG	Vanadium	V	SOIL	Plant
NONRAD	INORG	Zinc	ZN	SOIL	Plant
NONRAD	PAH	Acenaphthene	83-32-9	SOIL	Plant
NONRAD	PAH	Benzo(a)anthracene	56-55-3	SOIL	Plant
NONRAD	PAH	Benzo(b)fluoranthene	205-99-2	SOIL	Plant
NONRAD	PCB	Aroclor-1254	11097-69-1	SOIL	Plant
NONRAD	PEST	BHC[gamma-]	58-89-9	SOIL	Plant
NONRAD	PEST	Chlordane[alpha-]	5103-71-9	SOIL	Plant
NONRAD	PEST	Chlordane[gamma-]	5103-74-2	SOIL	Plant
NONRAD	PEST	Dieldrin	60-57-1	SOIL	Plant
NONRAD	PEST	Endrin	72-20-8	SOIL	Plant
NONRAD	PEST	Heptachlor	76-44-8	SOIL	Plant
NONRAD	SVOC	Dibenzofuran	132-64-9	SOIL	Plant
NONRAD	SVOC	Di-n-Butyl Phthalate	84-74-2	SOIL	Plant
NONRAD	SVOC	Pentachlorophenol	87-86-5	SOIL	Plant
NONRAD	SVOC	Phenol	108-95-2	SOIL	Plant
NONRAD	VOC	Methylene Chloride	75-09-2	SOIL	Plant
NONRAD	VOC	Toluene	108-88-3	SOIL	Plant

NONRAD	VOC	Xylene (Total)	1330-20-7	SOIL	Plant
RAD	RAD	Americium-241	AM-241	SOIL	Plant
RAD	RAD	Cesium-134	CS-134	SOIL	Plant
RAD	RAD	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Plant
RAD	RAD	Cobalt-60	CO-60	SOIL	Plant
RAD	RAD	Europium-152	EU-152	SOIL	Plant
RAD	RAD	Plutonium-238	PU-238	SOIL	Plant
RAD	RAD	Plutonium-239, 240	PU-239/240	SOIL	Plant
RAD	RAD	Plutonium-241	PU-241	SOIL	Plant
RAD	RAD	Radium-226	RA-226	SOIL	Plant
RAD	RAD	Sodium-22	NA-22	SOIL	Plant
RAD	RAD	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Plant
RAD	RAD	Thorium-228	TH-228	SOIL	Plant
RAD	RAD	Thorium-230	TH-230	SOIL	Plant
RAD	RAD	Thorium-232	TH-232	SOIL	Plant
RAD	RAD	Tritium	H-3	SOIL	Plant
RAD	RAD	Uranium-234	U-234	SOIL	Plant
RAD	RAD	Uranium-235	U-235	SOIL	Plant
RAD	RAD	Uranium-238	U-238	SOIL	Plant

BACK TO TOP

Table 6. Beta Release (October 1998) List of Sediment and Water ESLs for Aquatic Community Organism Receptors

Analyte Class	Analyte Class	Analyte Class	Analyte Class	Analyte Class	Analyte Class
RAD	RAD	Americium-241	AM-241	WATER and SEDIMENT	Aquatic
RAD	RAD	Cesium-137 + Barium-137	CS-137/ BA-137	WATER and SEDIMENT	Aquatic
RAD	RAD	Plutonium-238	PU-238	WATER and SEDIMENT	Aquatic
RAD	RAD	Plutonium-239, 240	PU-239/240	WATER and SEDIMENT	Aquatic
RAD	RAD	Plutonium-241	PU-241	WATER and SEDIMENT	Aquatic
RAD	RAD	Radium-226	RA-226	WATER and SEDIMENT	Aquatic
RAD	RAD	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER and SEDIMENT	Aquatic
RAD	RAD	Thorium-232	TH-232	WATER and SEDIMENT	Aquatic
RAD	RAD	Tritium	H-3	WATER and SEDIMENT	Aquatic
RAD	RAD	Uranium-234	U-234	WATER and SEDIMENT	Aquatic
RAD	RAD	Uranium-235	U-235	WATER and SEDIMENT	Aquatic
RAD	RAD	Uranium-238	U-238	WATER and SEDIMENT	Aquatic

BACK TO TOP

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BACK TO TOP

Los Alamos National Laboratory

Risk Reduction and Environmental Stewardship

Remediation Services Ecorisk Database

TRV DEVELOPMENT METHODS:

USING THE GEOMETRIC MEAN

DRAFT

September 1, 2004

TABLE OF CONTENTS

Introduction

Deriving chronic NOAEL (NOEC)-based ELs

Assessing the distribution of the GMM TRV data set

Types of Distributions

Geometric Standard Deviations and Outliers

Comparing the GMM TRV to the LOAEL (LOEC)-based ELs

Deriving chronic LOAEL (LOEC)-based ELs

Explanation of LOAEL (LOEC)/NOAEL (NOEC) Ratios

Comparing the GMM TRV to other Published TRVs

Scoring Criteria and Confidence Ratings

Confidence Rating System Structure

Justification for Scoring and Weighting Factor Levels

Number of Experiments

Type of Exposure Medium

Number of Test Organism Orders

Number of Unique Measurements (Endpoints)

Type of Endpoint Category

Number and Type of Effect Levels of PTVs Associated with the Individual NOAEL (NOEC)-based ELs in the GMM TRV Data Set

Confidence Rating of PTVs Associated with the Individual NOAEL (NOEC)-based ELs in GMM TRV Data Set

Outliers(s) in the Chronic NOAEL (NOEC)-based EL Distribution

Chronic NOAEL (NOEC)-based EL Distribution is Bimodal

Relationship of GMM TRV to chronic LOAEL (LOEC)-based ELs

Relationship of GMM TRV to other published TRVs

Tables and Graphs for GMM TRV Data Set Information

LIST OF TABLES

Table 1. Weighting Factor Levels.

Table 2. Weighting Factor Levels Assigned to Evaluation Categories.

Table 3. Confidence Ratings.

Table 4. UF Descriptions.

Table 5. Acronyms.

Introduction

The ideal GMM TRV* for ecological risk screening assessments is one that is based on a data set representing the most ecologically relevant endpoints (reproduction/development), exposure routes (birds and mammals: oral ingestion via food or drinking water; mammals: inhalation; plants: uptake via seed coat and/or roots; or invertebrates: oral and dermal exposure), exposure media (birds and mammals: food, drinking water, air; plants and invertebrates: soil), exposure period (chronic), and effect levels (NOAEL for birds and mammals or NOEC for plants and invertebrates). A GMM TRV based on these characteristics is protective of wildlife, plant, and invertebrate populations and sensitive individuals because it represents an exposure that is not associated with adverse impacts of low-level,

long-term chemical effects (i.e., adverse effects on ability of individuals to develop into viable organisms, search for mates, breed successfully, and produce live and equally viable offspring).

The GMM TRV is derived from a data set of chronic NOAEL (NOEC)-based ELs (see the **Deriving chronic NOAEL (NOEC)-based ELs** section). The suitability of the GMM TRV for the chemical and ecological screening receptor of concern is determined by the following assessments (1) examining the distribution of its data set (see the **Assessing the distribution of the GMM TRV data set** section), (2) comparing it to the lowest chronic LOAEL (LOEC)-based EL derived from the GMM TRV data set (see the **Comparing the GMM TRV to the LOAEL (LOEC)-based ELs** section), and (3) comparing it to TRVs derived by other organizations, if available (see the **Comparing the GMM TRV to other Published TRVs** section). The information gathered from the assessments is used to assign the GMM TRV a confidence rating by scoring various aspects of each of the assessments on how well they meet the ideal GMM TRV criteria (see the **Scoring Criteria and Confidence Ratings** section). Summary tables and graphs are provided in the specific GMM TRV Summary reports for easier distillation of information contained within the GMM TRV data set (see the **Tables and Graphs for GMM TRV Data Set Information** section).

*See the **Acronyms** table (Table 5) for definitions of all acronyms and abbreviations.

Deriving chronic NOAEL (NOEC)-based ELs

The data set used to calculate the GMM TRV (see the **Calculations** section in the specific GMM TRV Summary Report) contains a variety of effect levels (PTVs derived from the PTSE Process as described in Ref ID 1487) ranging from chronic NOAEL (NOEC)/LOAEL (LOEC) pairs to acute, other effect levels such as LC50s or EC20s. The GMM TRV is calculated using chronic NOAEL (NOEC)-based ELs that are either chronic NOAELs (NOECs) or derived from other effect levels. If the effect level (PTV) is an acute or subchronic NOAEL (NOEC), it is extrapolated to a chronic NOAEL (NOEC)-based EL with the application of a UF. If the PTV is a LOAEL (LOEC) or other EL (LC50), it is first extrapolated to a NOAEL with the application of a UF, and then it is extrapolated to a chronic exposure duration if needed. See the **UFs Description** table (Table 4).

Assessing the distribution of the GMM TRV data set

The data set of chronic NOAEL (NOEC)-based ELs is evaluated to determine the type of distribution (e.g., normal, positively skewed, negatively skewed, bimodal) and the variance of the distribution based on the number of GSDs from the GMM. Also, any ELs that may appear to be outliers are discussed (see the *Geometric Standard Deviations and Outliers* section). The distribution is also evaluated for patterns or trends based on test organisms, exposure durations, original effect level types, or endpoint categories. The distribution and patterns of the ELs in the GMM TRV data set are discussed in the **Data Set Distribution Comments** section and presented in the **Graph of NOAEL-based ELs**, both which can be found in the specific GMM TRV Summary Report**.** The experiment details such as exposure duration, test organism, and original effect level are presented in the **PTVs Considered** table in the specific GMM TRV Summary Report.

Types of Distributions

If the distribution is negatively skewed, there are a larger number of higher values which most likely represent chronic or C-CL NOAELs (NOECs) for ecologically relevant endpoints; therefore, the GMM TRV is influenced by them and more likely to approximate a true NOAEL (NOEC). A negatively skewed distribution, in the purpose of a GMM TRV, is preferred because of this. On the other hand, if the GMM TRV belongs to a positively skewed distribution, this means it is usually biased towards the lower values of the distribution and is therefore protective of the higher ones which are usually associated with chronic or C-CL NOAELs (NOECs). For this reason, a positively skewed distribution is also acceptable because the GMM TRV is overly conservative due to the large number of lower values extrapolated from original effect levels other than chronic NOAELs (NOECs). If the distribution shows a bimodal pattern, this indicates there are two clusters of values according to test organisms, original effect levels, exposure durations, and/or endpoint categories. For example, there may be a large group of ELs associated with acute and subchronic values and another large group of ELs associated with chronic and C-CL values. It becomes difficult to determine if the GMM TRV is appropriate in this case. Revision of the GMM TRV to a subset GMM TRV may be preferred in order to represent the group of values that is more ecologically relevant (e.g., the chronic and C-CL values, which are more likely to represent more ecologically relevant endpoints such as R/D effects).

Geometric Standard Deviations and Outliers

Because the TRV is based on a geometric mean, the spread of data is assessed by calculating the GSD of the GMM TRV. GSDs and outliers are discussed in the assessment of data set distributions in order to 1) describe the variability of the data set, 2) outline any patterns associated with extreme values vs. those within 2 GSDs (e.g., outliers with high values may be associated with chronic durations while those values closer to the GMM are values extrapolated from original PTVs), and 3) provide support to the confidence rating of the GMM TRV where distributions with lower variance have higher confidence (i. e., GMM TRV is a better estimate of the no observed adverse effect level) vs. distributions having higher variance have lower confidence. Some researchers consider any values beyond 2 standard deviations extreme values, or outliers (Ref ID 1486). However, while outliers are described to be observations that do not exist within the characteristic distribution of the data, the decision to keep or remove an outlier often relies on professional judgment based on knowledge of the parameter being studied (Ref IDs 1485 and 1486). Therefore, in GMM TRV data sets, outliers are usable because they have been evaluated and screened in the same rigorous process as all other values derived via the PTSE process (Ref ID 1487). All ELs are based on PTVs derived from the PTSE Process and if a PTV was associated with a low confidence based on lack of or little supporting data, it was eliminated prior to the formulation of the data set used for the calculation of the GMM TRV. Furthermore, ELs allowed in the data set that have larger values are often associated with chronic or C-CL PTVs whereas the lower ELs allowed in the data set were extrapolated from PTVs that were subchronic or acute NOAELs (NOECs), LOAELs (LOECs), or Other ELs (e.g., LD50s) with the use of UFs. The lower, extrapolated values are accepted in the GMM TRV data set because in screening level ecological risk assessments the use of a TRV that is overly protective, rather than under protective is preferred.

Comparing the GMM TRV to the LOAEL (LOEC)-based ELs

The GMM TRV is compared to the lowest chronic LOAEL (LOEC)-based EL derived from the GMM

TRV data set (see the *Deriving chronic LOAEL (LOEC)-based ELs* section) in order to determine whether it may or may not be protective of the most sensitive endpoint in the data set. If it is below the lowest LOAEL (LOEC)-based EL, it is protective of all possible effects in the data set. However, it may be too far below the LOAEL (LOEC)-based EL and some consideration must be taken into account to determine whether or not it is overly protective. On the other hand, if the GMM TRV is above the LOAEL (LOEC)-based EL, further investigation is needed to determine if the GMM TRV may not be protective enough. Examples of information to examine include what endpoint the LOAEL (LOEC) or LOAEL (LOEC)-based EL represents, whether it is more or less ecologically relevant than other endpoints in the data set, if there are other similar endpoints available and how their ELs compare to the GMM TRV, and what original effect level was used to approximate the LOAEL (LOEC)-based EL. The application of UFs may have made the chronic LOAEL (LOEC)-based EL overly conservative; therefore, the GMM TRV may still be protective even though it is above the LOAEL (LOEC)-based EL. This is further strengthened if it can be shown that the GMM TRV includes more ecologically relevant endpoints and chronic exposure durations. The comparison is discussed in the **Lowest LOAEL (LOEC) Comparison** section and presented in the **Graph of LOAEL (LOEC)-based ELs**, both which can be found in the specific GMM TRV Summary Report. Experiment details such as exposure duration, test organism, and original effect level are presented in the **PTVs Considered** table in the specific GMM TRV Summary Report.

Deriving chronic LOAEL (LOEC)-based ELs

The data set may contain a variety of effect levels (PTVs derived from the PTSE Process as described in Ref ID 1487) ranging from chronic NOAEL (NOEC)/LOAEL (LOEC) pairs to acute, other effect levels such as LC50s or EC20s. The extrapolation of NOAELs (NOECs) and other effect levels to chronic LOAEL (LOEC)-based ELs is done to maximize the number of data points that can be compared to the GMM TRV. If the original effect level (PTV) is not a chronic LOAEL (LOEC), it is extrapolated to a chronic LOAEL (LOEC)-based EL by applying standard UFs (see Table 4) or NOAEL (NOEC) to LOAEL (LOEC) ratios that are specific to the exposure scenario of concern (i.e., exposure route, exposure medium, and ecological receptor) See *Explanation of LOAEL (LOEC)/NOAEL (NOEC) Ratios*

Explanation of LOAEL (LOEC)/NOAEL (NOEC) Ratios

If only a chronic NOAEL (NOEC) or chronic NOAEL (NOEC)-based EL extrapolated from an acute or subchronic NOAEL (NOEC) is available, a factor must be applied to derive a LOAEL (LOEC)-based EL from this value. Based on Dourson and Stara (1983; Ref ID 1379), 96% of the ratios between NOAELs (NOECs) and LOAELs (LOECs) for mammals in oral ingestion experiments have values of 5 or less (page 232 and figure 4). However, because this data is only applicable to oral ingestion exposure in mammals, ratios for the remaining exposure pathways (oral ingestion in birds, oral ingestion and dermal contact in earthworms, uptake via seed coats and/or roots, and inhalation in mammals) were determined from NOAEL (NOEC)/LOAEL (LOEC) pairs specific to each of the exposure pathways. The data used to develop the ratios is from the Ecorisk Database. The smallest and largest ratios developed for each exposure pathway were used to approximate a minimum and maximum LOAEL (LOEC)-based EL, in order to bracket a range of concentrations at which the adverse effects may first be observed. The **PTVs Considered** table in the specific GMM TRV Summary Report presents this data.

Comparing the GMM TRV to other Published TRVs
The GMM TRV is compared to TRVs from other organizations in order to present all available data and to ensure the validity of the GMM TRV in light of this other data. See **LANL CS TRV, ORNL CS TRV, USEPA R6 CS TRV,** and **SNL CS TRV Comparison** sections in the specific GMM TRV Summary Report.

Scoring Criteria and Confidence Ratings
A confidence rating for the GMM TRV indicates how well the GMM TRV represents the ideal GMM TRV, which is representative of the true TRV. The true TRV is the dose rate or concentration that is equivalent to a no adverse effect level for population level effects (i.e., decreased population size) for a particular receptor under a specific exposure scenario to a particular chemical in the real world. The confidence rating for the GMM TRV is based on how well the GMM TRV meets various criteria within specific evaluation categories. A weighted scoring system based on the degree of influence each evaluation category has on the GMM TRV is used to assess the validity of the GMM TRV for estimating the true TRV. The following sections describe the structure of the confidence rating system including descriptions and justifications for the evaluation processes used to assign the confidence ratings.

Confidence Rating System Structure
The first step in assigning a confidence rating to a GMM TRV is to assign a score for each evaluation category listed below. Each evaluation category contains individual criterion associated with ranked scores that reflect how well the GMM TRV data set being evaluated represents the characteristics of the ideal GMM TRV. The higher the score, the better the GMM TRV represents the ideal GMM TRV and thus the true TRV. The possible scores for each evaluation category are presented in *GMM TRV Scoring Criteria_R6b.xls* and the justifications for the scores are presented in the *Justification for Scoring and Weighting Factor Levels* section.

Data Set Evaluation Categories:

1) Number of Experiments
2) Type of Exposure Medium
3) Number of Test Organism Orders
4) Number of Unique Measurements (Endpoints)
5) Type of Endpoint Category
6) Number and Type of Effect Levels
7) Confidence Rating of PTVs Associated with Individual NOAEL (NOEC)-based ELs in GMM TRV Data Set
8) Outlier(s) in Chronic NOAEL (NOEC)-based EL Distribution
9) Chronic NOAEL (NOEC)-based EL Distribution is Bimodal
10) Relationship of GMM TRV to Chronic LOAEL (LOEC)-based ELs
11) Relationship of GMM TRV to Other Published TRVs.

The second step in assigning a confidence rating to a GMM TRV is to calculate a weighted score for each evaluation category by multiplying the individual scores of each evaluation category by the

weighting factor of the evaluation category. The weighted score for each evaluation category is based on the weighting factor level assigned to the evaluation category. The weighting factor level is based on the degree of influence the evaluation category has on setting the GMM TRV. The higher the weighting factor, the greater the influence the evaluation category has on setting the GMM TRV. The possible weighting factor levels are presented in Table 1.

Table 1. Weighting Factor Levels.

Weighting Factor Level	Definition	Weighting Factor Applied
Critical	A low score for a critical evaluation category triggers re-investigation of the GMM TRV and possible revision or decision not to use.	2
Non-critical	A high score for a non-critical evaluation category indicates the GMM TRV data set is very robust, highly relevant to the scenario for which the TRV is being developed, or is based primarily on ELs that were not derived by applying UFs to PTVs. A low score rarely influences revision of GMM TRV because it is an added benefit if the evaluation category scores high, but not a requirement.	1

The third step in assigning a confidence rating to a GMM TRV is to calculate a total weighted score for the GMM TRV being evaluated. The total weighted score is equal to the sum of weighted scores of all 11 evaluation categories. The weighting factor levels assigned to each evaluation category are presented in Table 2 and the justifications for them are presented in the *Justification for Scoring and Weighting Factor Levels* section.

Table 2. Weighting Factor Levels Assigned to Evaluation Categories.

Evaluation Category	Weighting Factor Level
Number of Experiments	Non-critical
Type of Exposure Medium	Non-critical
Number of Test Organisms Orders	Non-critical
Number of Unique Measurements (Endpoints)	Non-critical
Type of Endpoint Category	Non-critical
Number and Type of Effect Levels	Non-critical
Confidence Rating of PTVs Associated with Individual NOAEL (NOEC)-based ELs in GMM TRV Data Set	Non-critical

Outlier(s) in Chronic NOAEL (NOEC)-based EL Distribution	Critical
Chronic NOAEL (NOEC)-based EL Distribution is Bimodal	Critical
Relationship of GMM TRV to Chronic LOAEL (LOEC)-based ELs	Critical
Relationship of GMM TRV to Other Published TRVs.	Critical

The fourth step in assigning a confidence rating to a GMM TRV is to determine the percentage the total weighted score is of the maximum total weighted score for the evaluation (i.e., 36.5 points based on summing the highest scores from each evaluation category). The percentage the total weighted score is of the maximum total weighted score is the ultimate basis for assigning the confidence rating of a GMM TRV. Table 3 presents the possible confidence ratings and the corresponding percentage of the maximum total weighted score and the equivalent total weighted score.

Table 3. Confidence Ratings.

Confidence Rating	**% of Maximum Total Weighted Score (%MTWS)**	**Equivalent Total Weighted Score (ETWS)**
High	%MWTS ≥ 75%	27.375 •≤ ETWS ≤ 36.5
Medium	50% ≤ %MTWS < 75%	18.25• ≤ ETWS < 27.375
Low	25% <• %MTWS < 50%	9.125 •< ETWS < 18.25
Unacceptable	%MTWS ≤ 25%	ETWS ≤ 9.125

Justification for Scoring and Weighting Factor Levels
The following sections provide the justification for the scoring criteria and weighting factor levels of each evaluation category.

Number of Experiments

Justification for Scoring:
The preference is to have a high number of experiments because this reduces the potential for the data set to be biased toward a particular study design. Based on best professional judgment, 10 experiments are considered to provide a more than adequate representation of the toxicity of a chemical for the test organism group of concern. Four to 9 experiments are considered to provide an adequate representation while 3 or fewer experiments are considered to provide a minimal representation of the toxicity of a chemical for the test organism group of concern.

Justification for Weighting Factor Level:
This evaluation category is given a **Non-critical** weighting factor level. This evaluation category has a strong relationship to the robustness of the data set and its ability to represent the ideal GMM TRV; thus the true TRV is estimated. The higher the number of experiments, the more robust the

data set. This evaluation category is not, however, a primary factor for determining whether or not the GMM TRV should be used because a high number of experiments in the data set is not a requirement, but rather an additional benefit for assessing confidence in the TRV.

Type of Exposure Medium

Justification for Scoring:
The preference is for all the ELs in the data set to be associated with an exposure medium that is equivalent to the exposure medium of concern. However, if the data set is limited (i.e., less than 3 ELs for a particular exposure medium), ELs that have an appropriate surrogate exposure medium (i.e., exposure medium that has the same exposure route as the exposure route of concern) may be used to supplement the data set so that a GMM TRV can be derived. For example, for an oral ingestion via food TRV only food ELs should be used, but if the data set is limited, oral ingestion via drinking water ELs may be used to supplement the data set so that a GMM TRV may be calculated.

Justification for Weighting Factor Level:
This category is given a **Non-critical** weighting factor level. This evaluation category indicates the degree of relevance the data set has to the TRV that is being developed. The higher the degree of relevance, the more closely the GMM TRV represents the ideal GMM TRV; thus the true TRV is estimated. This evaluation category is not, however, a primary factor for determining whether or not the GMM TRV should be used because an exact match on the exposure medium for which the TRV is being developed is not a requirement, but rather an additional benefit for assessing confidence in the TRV. Only the exposure route must match the exposure for which the TRV is being developed. However, the toxicity can vary greatly in different exposure media due to the differences in bioavailability of the chemical in one compared to the other. Therefore, a complete match on the exposure medium is preferred to be able to more accurately estimate the true TRV.

Number of Test Organism Orders

Justification for Scoring:
The preference is to have a high number of test organism orders because this reduces the potential for the data set to be biased toward one order of test organisms. The scoring criteria are based upon the USACHPPM guidance that states that having at least 2 different taxonomic orders in a TRV data set helps define the quality of the data set (Ref ID 1481).

Justification for Weighting Factor Level:
This category is given a **Non-critical** weighting factor level. This evaluation category has a strong relationship to the robustness of the data set and its ability to represent the ideal GMM TRV; thus the true TRV is estimated. The higher the number of test organism orders, the more robust the data set. This evaluation category is not, however, a primary factor for determining whether or not the GMM TRV should be used because a high number of test organism orders in the data set is not a requirement, but rather an additional benefit for assessing confidence in the TRV.

Number of Unique Measurements (Endpoints)

Justification for Scoring:
The preference is to have a high number of unique measurements (endpoints) because this reduces the potential for the data set to be biased toward one type of toxicological effect. Unique measurements are those that represent different parameters of measurement for an endpoint category. For example, the endpoints of "Mortality" and "LC50" may both be categorized as S endpoints because they are both measurements of survival/mortality, but they are each considered a unique measurement because they measure different aspects of survival/mortality. Based on best professional judgment, more than 3 unique measurements are considered to provide a more than adequate representation of the toxicity of a chemical for the test organism group of concern. Three unique measurements are considered to provide an adequate representation while fewer than 3 unique measurements are considered to provide a minimal representation of the toxicity of a chemical for the test organism group of concern.

Justification for Weighting Factor Level:
This category is given a **Non-critical** weighting factor level. This evaluation category is related to the robustness of the data set and its ability to represent the ideal GMM TRV; thus the true TRV is estimated. The higher the number of unique measurements, the more robust the data set. This evaluation category is not, however, a primary factor for determining whether or not the GMM TRV should be used because a high number of unique measurements in the data set is not a requirement, but rather an additional benefit for assessing the validity of the GMM to estimate the true TRV. Furthermore, all the unique measurements that are allowed in the data set are by definition relevant to the TRV being developed for population effects. The relevance of the endpoint category of each unique measurement is scored separately under *Type of Endpoint Category*.

Type of Endpoint Category

Justification for Scoring:
The preference is to have more reproduction and development endpoints followed by survival endpoints and then by adult body weight or size change endpoints because the first category of endpoints is the most ecologically relevant group for determining long-term effects on populations followed by the second and third category.

Justification for Weighting Factor Level
This category is given a **Non-critical** weighting factor level. This evaluation category indicates the degree of relevance the data set has to the effects of concern, population level effects, for which the GMM TRV is being developed. The higher the degree of relevance, the more closely the GMM TRV represents the ideal GMM TRV; thus the true TRV is estimated. This evaluation category is not, however, a primary factor for determining whether or not the GMM TRV should be used because all the endpoint categories considered are ecologically relevant by definition. However, reproduction or development endpoints can more closely approximate population level effects, so having more endpoints in this category is an added benefit for assessing the validity of the GMM

TRV for estimating the true TRV.

Number and Type of Effect Levels of PTVs Associated with the Individual NOAEL (NOEC)-based ELs in the GMM TRV Data Set

Justification for Scoring:
The preference is to have chronic NOAELs (NOECs) with LOAELs (LOECs), followed by chronic NOAELs (NOECs) without LOAELs (LOECs), then by subchronic NOAELs (NOECs) with LOAELs (LOECs), then by subchronic NOAELs (NOECs) without LOAELs (LOECs) and finally by all other ELs. This hierarchy is based on two factors. One factor is whether or not UFs have to be applied to a PTV to extrapolate to a chronic NOAEL (NOEC). Extrapolated values are less preferred because they may be overly conservative, thus less representative of the actual chronic NOAEL (NOEC). The second factor is whether or not there are any NOAELs (NOECs) with accompanying LOAELs (LOECs). NOAELs (NOECs) with LOAEALs (LOECs) are most preferred because these values bracket the range of possible effects better than just a NOAEL (NOEC) or just a LOAEL (LOEC) alone.

Justification for Weighting Factor Level:
This category is given a **Non-critical** weighting factor level. This evaluation category is directly related to the certainty in the GMM TRV. The more ELs in the GMM TRV data set that were extrapolated to chronic NOAEL (NOEC)-based ELs by applying UFs, the greater the level of conservatism that is built into the GMM TRV. Even though being overly conservative is acceptable for screening level ecological risk assessments, it is preferred that TRVs not be overly conservative if more certain data is available. On the other hand, the higher the number of original ELs that are chronic NOAELs (NOECs) in the GMM TRV data set, the higher the confidence that the GMM TRV represents the ideal GMM TRV and thus estimates the true TRV (chronic no observed adverse effect level). A high score in this evaluation category is not required, but is an additional benefit for assessing confidence in the TRV.

Confidence Rating of PTVs Associated with the Individual NOAEL (NOEC)-based ELs in GMM TRV Data Set

Justification for Scoring:
The preference is to have more effect levels (PTVs) with high confidence ratings, followed by those with medium and then by low. A PTV confidence rating indicates to what degree the PTV is ecologically relevant, defensible and well documented based on the PTSE Part 2 Study Evaluation criteria (See Ref ID 1487). Effect levels associated with a low confidence rating are not included in the data set unless the data set is limited (i.e., less than 3 ELs based on PTVs with either a High or Medium confidence rating.).

Justification for Weighting Factor Level:
This category is given a **Non-critical** weighting factor level. This evaluation category indicates the degree of relevance the data set has to the TRV that is being developed. The higher the degree of

relevance, the more closely the GMM TRV represents the ideal GMM TRV; thus the true TRV is estimated. The PTV confidence rating is based upon scoring various study elements that are considered to be relevant for developing a scientifically defensible and ecologically relevant TRV. A high PTV confidence rating indicates the value is highly relevant for deriving a TRV and more likely to accurately estimate the true TRV.

Outliers(s) in the Chronic NOAEL (NOEC)-based EL Distribution

Justification for Scoring:
The data set cannot have invalid outliers (i.e., values associated with error or study designs that do not meet the minimum requirements for deriving a TRV). Invalid outliers must be removed from the data set prior to calculation of the GMM TRV. An invalid outlier is determined by a low confidence rating of a PTV associated with an EL in the data set. However, valid outliers, or extreme values, are allowed (e.g. sensitive species) as long as the data set is not bimodal (see *the Chronic NOAEL (NOEC)-based EL Distribution is Bimodal* section). The GSD is used to determine the variance of the GMM TRV. A lower variance (smaller GSD) indicates that the GMM TRV is more likely to represent the ideal GMM TRV and thus more accurately estimate the true TRV while a high variance (higher GSD) indicates that the GMM TRV is less likely to represent the ideal GMM TRV and thus less accurately estimate the true TRV. In most cases of high variance, the GMM TRV may be overly conservative because the large variance in the values is a result of the averaging of ELs that are based on PTVs other than chronic NOAELs (NOECs) and the application of UFs to extrapolate these values to chronic NOAEL (NOEC)-based ELs. A data set that contains both the smaller, extrapolated values and the non-extrapolated values (i.e., original effect levels that were already chronic NOAELs (NOECs)), leads to a high variance.

Justification for Weighting Factor Level:
This category is given a **Critical** weighting factor level. This evaluation category represents the variance of the GMM TRV dataset, which is important because it indicates how well the GMM TRV represents the ideal GMM TRV; thus how well the GMM TRV estimates the true TRV, which is directly related to the confidence in the GMM TRV. Low variance equals high confidence. High variance equals low confidence and may require reconsideration of the GMM TRV.

Chronic NOAEL (NOEC)-based EL Distribution is Bimodal

Justification for Scoring:
The preference is for the GMM TRV data set not to have a bimodal distribution. A bimodal distribution is determined based on 2 distinct clusters of values associated with different test species, original exposure durations, original effect levels or endpoint categories of each EL in the data set. If a data set is bimodal, best professional judgment must be used to determine if a subset GMM TRV (s) needs to be calculated or if the GMM TRV can be used as is.

Justification for Weighting Factor Level:
This category is given a **Critical** weighting factor level. This evaluation category has a large

influence on whether or not the GMM TRV will be used. If the GMM TRV data set is found to have a bimodal distribution, the GMM TRV may need to be revised in order to represent the most sensitive and/or ecologically relevant distribution (E.g., One distinct cluster is rodent (omnivore) data while the other is mink (carnivore) data. A TRV calculated from rodent data is more appropriate for the omnivorous deer mouse ESL receptors, while a TRV calculated from the mink is more appropriate for carnivorous red fox ESL receptor.)

Relationship of GMM TRV to chronic LOAEL (LOEC)-based ELs

Justification for Scoring:
The preference is that the GMM TRV be below the lowest chronic LOAEL (LOEC)-based EL because that indicates that it is protective of the most sensitive adverse effect in the data set. If the GMM TRV is not below the lowest chronic LOAEL (LOEC)-based EL, the next preference is for it to be no more than 3 times higher than a chronic LOAEL (LOEC)-based EL based on a chronic or C-CL LOAEL (LOEC) for an R/D or less ecologically relevant endpoint. Next preference is that the GMM TRV is not more than 3 times higher than a chronic LOAEL (LOEC)-based EL extrapolated from an original effect level other than a LOAEL. Because some of the chronic LOAEL (LOEC)-based ELs are extrapolated from NOAELs (NOECs) or other effect levels by applying UFs, they may be overly conservative and not represent the true chronic LOAELs (LOECs) for particular endpoints. In such cases, the GMM TRV is considered adequately protective due to the conservatism built into the extrapolated chronic LOAEL (LOEC)-based ELs. Furthermore, the GMM TRV may be considered adequately protective, if it is below the chronic LOAEL (LOEC)-based ELs for the most ecologically relevant endpoints (reproduction and development) even though it may exceed the lowest chronic LOAEL (LOEC)-based EL for an adult body weight or size change endpoint or for a survival endpoint. Another consideration is to determine based on best professional judgment whether or not the GMM TRV is unacceptably higher or lower than the lowest chronic LOAEL (LOEC)-based EL. If the difference is unacceptable, further investigation is warranted to determine if the GMM TRV is inappropriate (i.e., unacceptably over or under conservative). If it is found to be unacceptable, then the GMM TRV may need to be revised.

Justification for Weighting Factor Level:
This category is given a **Critical** weighting factor level. This evaluation category has a large influence on whether or not the GMM TRV will be used. If the difference between the GMM TRV and the lowest chronic LOAEL (LOEC)-based EL is unacceptable, the GMM TRV is unacceptable and an alternative (e.g., a subset GMM TRV, CS TRV) must be sought.

Relationship of GMM TRV to other published TRVs

Justification for Scoring:
It is preferred that any differences between the GMM TRV and other published TRVs be explainable on the basis of the experiments, endpoints, test organisms, and test chemical forms, etc., considered. It is also important that the explanation provide support for or against the use of the GMM TRV. Also to be verified is that the GMM TRV has considered all relevant data. If relevant

data has not been considered, the GMM TRV data set may need to be expanded to include the missing data. If no published TRVs are available for comparison, the GMM TRV is considered to be acceptable.

Justification for Weighting Factor Level:
This category is given a **Critical** weighting factor level. This evaluation category has a large influence on whether or not the GMM TRV will be used. If differences between the GMM TRV and other published TRVs are unacceptable (i.e., unexplainable, error based or lack of data based), the GMM TRV is unacceptable and an alternative (e.g., subset GMM TRV, CS TRV) needs to be considered

Tables and Graphs for GMM TRV Data Set Information
For easier presentation of the data in support of the GMM TRV, the following tables are included in the specific GMM TRV Summary Report: **PTVs Considered**, **Test Organisms**, and **Original Effect Level Types**. The **Graph of NOAEL-based ELs** and **Graph of LOAEL-based ELs** are also included for illustration of the data. In the graphs, the x-axis labels contain coding that indicates the original exposure durations, effect levels, endpoint categories, and test organisms from which the NOAEL (NOEC)- or LOAEL (LOEC)-based ELs are approximated. For example, if a data point is associated with the label "SC L WC Rat" in a NOAEL-based ELs graph, this label indicates that the value is a NOAEL-based EL approximated from a subchronic (SC) LOAEL (L) for weight change (WC) in the rat. Finally, it should be noted that when minimum and maximum LOAEL-based ELs are approximated, the minimum LOAEL-based ELs are used in the graph for LOAEL (LOEC)-based ELs.

Table 4. UF Descriptions.

	UF applied to derive a TRV that is:	
Type of effect level available	Chronic NOAEL-based	Chronic LOAEL-based
C-CL or chronic NOAEL	1	N/A
C-CL or chronic LOAEL	10	1
C-CL or chronic LD50 (or LC50)	100	10
C-CL or chronic ED50 (or EC50)	100	10
Subchronic NOAEL	10	N/A
Subchronic LOAEL	100	10
Subchronic LD50 (or LC50)	100	100
Subchronic ED50 (or EC50)	100	100
Acute or single dose NOAEL	100	N/A
Acute or single dose LOAEL	100	100
Acute or single dose LD50 (or LC50)	100	100
Acute or single dose ED50 (or EC50)	100	100

Table 5. Acronyms.

Acronym	Word/Phrase
A	Acute
AIR	Air
ALL	All
B	Bird
C	Chronic
C-CL	Chronic - Critical Lifestage
CS	Critical Study
D/F	Dioxin/ Furan
DW	Drinking Water exposure medium
DW+F	Drinking water exposure medium plus additional exposure to background in food
EC10	Effective Concentration for 10% of population
EC20	Effective Concentration for 20% of population
EC50	Median Effective Concentration (for 50% of population)
EL	Effect Level
ESL	Ecological Screening Level
F	Food exposure medium
F&DW	Food and drinking water exposure media
F&DW&O	Food and drinking water and other exposure media
F+DW	Food exposure medium plus additional exposure to background in drinking water
GMM	Geometric Mean
GP	Generic plant (Terrestrial autotroph - producer)
GSD	Geometric Standard Deviation
HE	High Explosive
I	Invertebrate
INH	Inhalation exposure route
INORG	Inorganic Compound
L	LOAEL or LOEC
LANL	Los Alamos National Laboratory
LC10	Lethal Concentration for 10% of population
LC20	Lethal Concentration for 20% of population
LC50	Median Lethal Concentration (for 50% of population)
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
M	Mammal
N	NOAEL or NOEC
N/A	Not Applicable
NL	NOAEL (or NOEC) and LOAEL (or LOEC)

NLOTH	NOAEL (or NOEC), LOAEL (or LOEC), and other effect level (e.g., LC50, EC50)
NMED	New Mexico Environment Department, inter- and intrastate stream standards
NOAEL	No Observed Adverse Effect Level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
NOTH	NOAEL (or NOEC) and other effect level (e.g., LC50, EC50)
NR	Not Reported
OIL	Oil exposure medium
OIL_ACHS	Arachis oil exposure medium
OIL_CORN	Corn oil exposure medium
OIL_O	Other oil exposure medium
OIL_PNT	Peanut oil exposure medium
ORNL	Oak Ridge National Laboratory
OTH	Other
P	Plant
PCB	Polychlorinated Biphenyl
PEST	Pesticide
PTSE	Primary Toxicity Study Evaluation
PTV	Primary Toxicity Value
R/D	Reproduction and Development
R6	Region 6
Ref	Reference
RRES-R	Risk Reduction and Environmental Stewardship - Remediation program
S	Survival
SAND&OM	Sand and Organic Matter mixture exposure medium
SAND_CLTR	Sand culture exposure medium (Solution is washed through silver sand daily)
SC	Subchronic
SD	Single Dose
SLE	Soil and Litter Earthworm
SLERA	Screening Level Ecological Risk Assessment
SNL	Sandia National Laboratory
SOIL&MNU	Soil and Manure mixture exposure medium
SOIL&SAND	Soil and Sand mixture exposure medium
SOIL&SLDG	Soil and Sludge mixture exposure medium
SOLN_O	Other solution exposure medium (assumed)
SOLN_OIL	Oil solution exposure medium (assumed)
SVOC	Semivolatile Organic compound
SzC	Size Change
T&E	Threatened and Endangered (Species)

TB	Terrestrial bird
TM	Terrestrial mammal
TP	Terrestrial plant
TRV	Toxicity Reference Value
UF	Uncertainty Factor
UNK	Unknown
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound
W	Water
WC	Weight Change

Welcome to the ECORISK DATABASE. This database contains the LOS ALAMOS NATIONAL LABORATORY (LANL) RISK REDUCTION and ENVIRONMENTAL STEWARDSHIP REMEDIATION SERVICES (RRES-RS) project ECOLOGICAL SCREENING LEVELS (ESLs) along with details to support their derivation.

Press the "Menu" button to gain access to LANL ESLs and their supporting information.

Press the "What's New in this Release" button to see highlights of what has changed since the last release.

Press the "Exit" button to exit the database application.

ECORISK DATABASE (Release 2.1) *

September 2004

Prepared for the Los Alamos National Laboratory Risk Reduction and Environmental Stewardship Remediation Services project By:

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IMPORTANT - If you would like to be notified of data quality control or interface usability issues between official database releases or if you would like to be notified of when a new release of the database is due, please send an email to rmirenda@lanl.gov with "Add to Ecorisk Db Distribution List" in the Subject field of the email and you will be added to the database distribution list.

* Los Alamos National Laboratory (LANL), 2004 (Sep). ECORISK Database (Release 2.1), ER package #186. Risk Reduction and Environmental Stewardship Remediation Services project, Los Alamos, NM. ER ID 87386

LANL Risk Team Reviewed Release

Analyte Group	Analyte Name	Analyte Code	ESL Medium	ESL Receptor	ESL	Units	Final ESL	Note
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SEDIMENT	Aquatic community organisms - sediment	0.0000088	mg/kg		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.00000036	mg/kg	FINAL	
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Deer mouse (Mammalian omnivore)	0.00000059	mg/kg		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Desert cottontail (Mammalian herbivore)	0.000072	mg/kg		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Earthworm (Soil-dwelling invertebrate)	5	mg/kg		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Montane shrew (Mammalian insectivore)	0.00000029	mg/kg	FINAL	
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	SOIL	Red fox (Mammalian top carnivore)	0.0000012	mg/kg		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	WATER	Aquatic community organisms - water	0.0000038	µg/L	FINAL	
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	WATER	Deer mouse (water)	0.0052	µg/L		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	WATER	Desert cottontail (water)	0.01	µg/L		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	WATER	Montane shrew (water)	0.0044	µg/L		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	WATER	Occult little brown myotis bat (water)	0.0062	µg/L		
Dioxin/ Furan	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	WATER	Red fox (water)	0.011	µg/L		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	7.5	mg/kg	FINAL	
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	SOIL	Deer mouse (Mammalian omnivore)	3.6	mg/kg	FINAL	
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	SOIL	Desert cottontail (Mammalian herbivore)	5.8	mg/kg		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	SOIL	Generic plant (Terrestrial autotroph - producer)	80	mg/kg		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	SOIL	Montane shrew (Mammalian insectivore)	5.7	mg/kg		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	SOIL	Red fox (Mammalian top carnivore)	930	mg/kg		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	WATER	Deer mouse (water)	10000	µg/L		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	WATER	Desert cottontail (water)	19000	µg/L		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	WATER	Montane shrew (water)	8600	µg/L	FINAL	
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	WATER	Occult little brown myotis bat (water)	12000	µg/L		
High Explosive	Amino-2,6-dinitrotoluene[4-]	19406-51-0	WATER	Red fox (water)	22000	µg/L		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	11	mg/kg	FINAL	
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SOIL	Deer mouse (Mammalian omnivore)	5.3	mg/kg	FINAL	
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SOIL	Desert cottontail (Mammalian herbivore)	8.4	mg/kg		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SOIL	Generic plant (Terrestrial autotroph - producer)	80	mg/kg		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SOIL	Montane shrew (Mammalian insectivore)	8.3	mg/kg		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	SOIL	Red fox (Mammalian top carnivore)	1300	mg/kg		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	WATER	Deer mouse (water)	14000	µg/L		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	WATER	Desert cottontail (water)	28000	µg/L		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	WATER	Montane shrew (water)	12000	µg/L	FINAL	
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	WATER	Occult little brown myotis bat (water)	17000	µg/L		
High Explosive	Amino-4,6-dinitrotoluene[2-]	35572-78-2	WATER	Red fox (water)	32000	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.46	mg/kg	FINAL	
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	1	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	American kestrel (Avian intermediate carnivore)	5.4	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	American kestrel (Avian top carnivore)	110	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	American robin (Avian herbivore)	0.21	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	American robin (Avian insectivore)	0.74	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	American robin (Avian omnivore)	0.33	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	Deer mouse (Mammalian omnivore)	0.16	mg/kg	FINAL	
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	Desert cottontail (Mammalian herbivore)	0.22	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	Montane shrew (Mammalian insectivore)	0.35	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	SOIL	Red fox (Mammalian top carnivore)	55	mg/kg		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	American kestrel (water)	3500	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	American robin (water)	3000	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	Aquatic community organisms - water	26	µg/L	FINAL	
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	Deer mouse (water)	590	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	Desert cottontail (water)	1100	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	Montane shrew (water)	500	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	Occult little brown myotis bat (water)	710	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	Red fox (water)	1300	µg/L		
High Explosive	Dinitrobenzene[1,3-]	99-65-0	WATER	Violet-green Swallow (water)	1700	µg/L		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	SEDIMENT	Aquatic community organisms - sediment	0.29	mg/kg	FINAL	
High Explosive	Dinitrotoluene[2,4-]	121-14-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2.1	mg/kg		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	SOIL	Deer mouse (Mammalian omnivore)	1	mg/kg	FINAL	
High Explosive	Dinitrotoluene[2,4-]	121-14-2	SOIL	Desert cottontail (Mammalian herbivore)	1.7	mg/kg		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	SOIL	Montane shrew (Mammalian insectivore)	1.6	mg/kg		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	SOIL	Red fox (Mammalian top carnivore)	250	mg/kg		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	WATER	Aquatic community organisms - water	310	µg/L	FINAL	
High Explosive	Dinitrotoluene[2,4-]	121-14-2	WATER	Deer mouse (water)	2800	µg/L		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	WATER	Desert cottontail (water)	5500	µg/L		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	WATER	Montane shrew (water)	2400	µg/L		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	WATER	Occult little brown myotis bat (water)	3300	µg/L		
High Explosive	Dinitrotoluene[2,4-]	121-14-2	WATER	Red fox (water)	6200	µg/L		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1.4	mg/kg	FINAL	
High Explosive	Dinitrotoluene[2,6-]	606-20-2	SOIL	Deer mouse (Mammalian omnivore)	0.65	mg/kg	FINAL	
High Explosive	Dinitrotoluene[2,6-]	606-20-2	SOIL	Desert cottontail (Mammalian herbivore)	1	mg/kg		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	SOIL	Montane shrew (Mammalian insectivore)	1	mg/kg		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	SOIL	Red fox (Mammalian top carnivore)	170	mg/kg		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	WATER	Aquatic community organisms - water	60	µg/L	FINAL	
High Explosive	Dinitrotoluene[2,6-]	606-20-2	WATER	Deer mouse (water)	1800	µg/L		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	WATER	Desert cottontail (water)	3700	µg/L		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	WATER	Montane shrew (water)	1600	µg/L		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	WATER	Occult little brown myotis bat (water)	2200	µg/L		
High Explosive	Dinitrotoluene[2,6-]	606-20-2	WATER	Red fox (water)	4100	µg/L		
High Explosive	HMX	2691-41-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	350	mg/kg	FINAL	
High Explosive	HMX	2691-41-0	SOIL	Deer mouse (Mammalian omnivore)	43	mg/kg	FINAL	
High Explosive	HMX	2691-41-0	SOIL	Desert cottontail (Mammalian herbivore)	51	mg/kg		
High Explosive	HMX	2691-41-0	SOIL	Earthworm (Soil-dwelling invertebrate)	140	mg/kg		
High Explosive	HMX	2691-41-0	SOIL	Generic plant (Terrestrial autotroph - producer)	2700	mg/kg		
High Explosive	HMX	2691-41-0	SOIL	Montane shrew (Mammalian insectivore)	260	mg/kg		
High Explosive	HMX	2691-41-0	SOIL	Red fox (Mammalian top carnivore)	37000	mg/kg		
High Explosive	HMX	2691-41-0	WATER	Deer mouse (water)	390000	µg/L		
High Explosive	HMX	2691-41-0	WATER	Desert cottontail (water)	770000	µg/L		

High Explosive	HMX	2691-41-0	WATER	Montane shrew (water)	330000	µg/L	FINAL	
High Explosive	HMX	2691-41-0	WATER	Occult little brown myotis bat (water)	470000	µg/L		
High Explosive	HMX	2691-41-0	WATER	Red fox (water)	870000	µg/L		
High Explosive	Nitroglycerine	55-63-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	390	mg/kg	FINAL	
High Explosive	Nitroglycerine	55-63-0	SOIL	Deer mouse (Mammalian omnivore)	150	mg/kg	FINAL	
High Explosive	Nitroglycerine	55-63-0	SOIL	Desert cottontail (Mammalian herbivore)	210	mg/kg		
High Explosive	Nitroglycerine	55-63-0	SOIL	Montane shrew (Mammalian insectivore)	290	mg/kg		
High Explosive	Nitroglycerine	55-63-0	SOIL	Red fox (Mammalian top carnivore)	46000	mg/kg		
High Explosive	Nitroglycerine	55-63-0	WATER	Deer mouse (water)	500000	µg/L		
High Explosive	Nitroglycerine	55-63-0	WATER	Desert cottontail (water)	990000	µg/L		
High Explosive	Nitroglycerine	55-63-0	WATER	Montane shrew (water)	430000	µg/L	FINAL	
High Explosive	Nitroglycerine	55-63-0	WATER	Occult little brown myotis bat (water)	600000	µg/L		
High Explosive	Nitroglycerine	55-63-0	WATER	Red fox (water)	1100000	µg/L		
High Explosive	Nitrotoluene[2-]	88-72-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	6.7	mg/kg	FINAL	
High Explosive	Nitrotoluene[2-]	88-72-2	SOIL	Deer mouse (Mammalian omnivore)	4.1	mg/kg	FINAL	
High Explosive	Nitrotoluene[2-]	88-72-2	SOIL	Desert cottontail (Mammalian herbivore)	7.4	mg/kg		
High Explosive	Nitrotoluene[2-]	88-72-2	SOIL	Montane shrew (Mammalian insectivore)	5.1	mg/kg		
High Explosive	Nitrotoluene[2-]	88-72-2	SOIL	Red fox (Mammalian top carnivore)	850	mg/kg		
High Explosive	Nitrotoluene[2-]	88-72-2	WATER	Deer mouse (water)	9400	µg/L		
High Explosive	Nitrotoluene[2-]	88-72-2	WATER	Desert cottontail (water)	18000	µg/L		
High Explosive	Nitrotoluene[2-]	88-72-2	WATER	Montane shrew (water)	8000	µg/L	FINAL	
High Explosive	Nitrotoluene[2-]	88-72-2	WATER	Occult little brown myotis bat (water)	11000	µg/L		
High Explosive	Nitrotoluene[2-]	88-72-2	WATER	Red fox (water)	20000	µg/L		
High Explosive	Nitrotoluene[3-]	99-08-1	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	7.9	mg/kg	FINAL	
High Explosive	Nitrotoluene[3-]	99-08-1	SOIL	Deer mouse (Mammalian omnivore)	5.3	mg/kg	FINAL	
High Explosive	Nitrotoluene[3-]	99-08-1	SOIL	Desert cottontail (Mammalian herbivore)	10	mg/kg		
High Explosive	Nitrotoluene[3-]	99-08-1	SOIL	Montane shrew (Mammalian insectivore)	6	mg/kg		
High Explosive	Nitrotoluene[3-]	99-08-1	SOIL	Red fox (Mammalian top carnivore)	1000	mg/kg		
High Explosive	Nitrotoluene[3-]	99-08-1	WATER	Deer mouse (water)	11000	µg/L		
High Explosive	Nitrotoluene[3-]	99-08-1	WATER	Desert cottontail (water)	22000	µg/L		
High Explosive	Nitrotoluene[3-]	99-08-1	WATER	Montane shrew (water)	9600	µg/L	FINAL	
High Explosive	Nitrotoluene[3-]	99-08-1	WATER	Occult little brown myotis bat (water)	13000	µg/L		
High Explosive	Nitrotoluene[3-]	99-08-1	WATER	Red fox (water)	25000	µg/L		
High Explosive	Nitrotoluene[4-]	99-99-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	14	mg/kg	FINAL	
High Explosive	Nitrotoluene[4-]	99-99-0	SOIL	Deer mouse (Mammalian omnivore)	9.4	mg/kg	FINAL	
High Explosive	Nitrotoluene[4-]	99-99-0	SOIL	Desert cottontail (Mammalian herbivore)	17	mg/kg		
High Explosive	Nitrotoluene[4-]	99-99-0	SOIL	Montane shrew (Mammalian insectivore)	11	mg/kg		
High Explosive	Nitrotoluene[4-]	99-99-0	SOIL	Red fox (Mammalian top carnivore)	1800	mg/kg		
High Explosive	Nitrotoluene[4-]	99-99-0	WATER	Deer mouse (water)	20000	µg/L		
High Explosive	Nitrotoluene[4-]	99-99-0	WATER	Desert cottontail (water)	40000	µg/L		
High Explosive	Nitrotoluene[4-]	99-99-0	WATER	Montane shrew (water)	17000	µg/L	FINAL	
High Explosive	Nitrotoluene[4-]	99-99-0	WATER	Occult little brown myotis bat (water)	24000	µg/L		
High Explosive	Nitrotoluene[4-]	99-99-0	WATER	Red fox (water)	45000	µg/L		
High Explosive	PETN	78-11-5	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	18000	mg/kg	FINAL	
High Explosive	PETN	78-11-5	SOIL	Deer mouse (Mammalian omnivore)	21000	mg/kg		
High Explosive	PETN	78-11-5	SOIL	Desert cottontail (Mammalian herbivore)	83000	mg/kg		
High Explosive	PETN	78-11-5	SOIL	Montane shrew (Mammalian insectivore)	14000	mg/kg	FINAL	
High Explosive	PETN	78-11-5	SOIL	Red fox (Mammalian top carnivore)	790000	mg/kg		
High Explosive	PETN	78-11-5	WATER	Deer mouse (water)	30000000	µg/L		
High Explosive	PETN	78-11-5	WATER	Desert cottontail (water)	60000000	µg/L		
High Explosive	PETN	78-11-5	WATER	Montane shrew (water)	26000000	µg/L	FINAL	
High Explosive	PETN	78-11-5	WATER	Occult little brown myotis bat (water)	36000000	µg/L		
High Explosive	PETN	78-11-5	WATER	Red fox (water)	68000000	µg/L		
High Explosive	RDX	121-82-4	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	39	mg/kg		
High Explosive	RDX	121-82-4	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	6.2	mg/kg	FINAL	
High Explosive	RDX	121-82-4	SOIL	American kestrel (Avian intermediate carnivore)	32	mg/kg		
High Explosive	RDX	121-82-4	SOIL	American kestrel (Avian top carnivore)	640	mg/kg		
High Explosive	RDX	121-82-4	SOIL	American robin (Avian herbivore)	0.7	mg/kg	FINAL	
High Explosive	RDX	121-82-4	SOIL	American robin (Avian insectivore)	4.4	mg/kg		
High Explosive	RDX	121-82-4	SOIL	American robin (Avian omnivore)	1.2	mg/kg		
High Explosive	RDX	121-82-4	SOIL	Deer mouse (Mammalian omnivore)	8.2	mg/kg		
High Explosive	RDX	121-82-4	SOIL	Desert cottontail (Mammalian herbivore)	10	mg/kg		
High Explosive	RDX	121-82-4	SOIL	Earthworm (Soil-dwelling invertebrate)	7.5	mg/kg		
High Explosive	RDX	121-82-4	SOIL	Generic plant (Terrestrial autotroph - producer)	100	mg/kg		
High Explosive	RDX	121-82-4	SOIL	Montane shrew (Mammalian insectivore)	29	mg/kg		
High Explosive	RDX	121-82-4	SOIL	Red fox (Mammalian top carnivore)	4400	mg/kg		
High Explosive	RDX	121-82-4	WATER	Deer mouse (water)	52000	µg/L		
High Explosive	RDX	121-82-4	WATER	Desert cottontail (water)	100000	µg/L		
High Explosive	RDX	121-82-4	WATER	Montane shrew (water)	44000	µg/L	FINAL	
High Explosive	RDX	121-82-4	WATER	Occult little brown myotis bat (water)	62000	µg/L		
High Explosive	RDX	121-82-4	WATER	Red fox (water)	110000	µg/L		
High Explosive	Tetryl	479-45-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	5.2	mg/kg	FINAL	
High Explosive	Tetryl	479-45-8	SOIL	Deer mouse (Mammalian omnivore)	2	mg/kg	FINAL	
High Explosive	Tetryl	479-45-8	SOIL	Desert cottontail (Mammalian herbivore)	3	mg/kg		
High Explosive	Tetryl	479-45-8	SOIL	Generic plant (Terrestrial autotroph - producer)	25	mg/kg		
High Explosive	Tetryl	479-45-8	SOIL	Montane shrew (Mammalian insectivore)	3.9	mg/kg		
High Explosive	Tetryl	479-45-8	SOIL	Red fox (Mammalian top carnivore)	630	mg/kg		
High Explosive	Tetryl	479-45-8	WATER	Deer mouse (water)	6800	µg/L		
High Explosive	Tetryl	479-45-8	WATER	Desert cottontail (water)	13000	µg/L		
High Explosive	Tetryl	479-45-8	WATER	Montane shrew (water)	5800	µg/L	FINAL	
High Explosive	Tetryl	479-45-8	WATER	Occult little brown myotis bat (water)	8100	µg/L		
High Explosive	Tetryl	479-45-8	WATER	Red fox (water)	15000	µg/L		
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	57	mg/kg	FINAL	
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	SOIL	Deer mouse (Mammalian omnivore)	15	mg/kg	FINAL	
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	SOIL	Desert cottontail (Mammalian herbivore)	20	mg/kg		
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	SOIL	Montane shrew (Mammalian insectivore)	43	mg/kg		
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	SOIL	Red fox (Mammalian top carnivore)	6600	mg/kg		
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	WATER	Deer mouse (water)	70000	µg/L		

High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	WATER	Desert cottontail (water)	130000	µg/L		
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	WATER	Montane shrew (water)	60000	µg/L	FINAL	
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	WATER	Occult little brown myotis bat (water)	84000	µg/L		
High Explosive	Trinitrobenzene[1,3,5-]	99-35-4	WATER	Red fox (water)	150000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	140	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	23	mg/kg	FINAL	
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	American kestrel (Avian intermediate carnivore)	120	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	American kestrel (Avian top carnivore)	2600	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	American robin (Avian herbivore)	5.5	mg/kg	FINAL	
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	American robin (Avian insectivore)	17	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	American robin (Avian omnivore)	8.3	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Deer mouse (Mammalian omnivore)	53	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Desert cottontail (Mammalian herbivore)	77	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Earthworm (Soil-dwelling invertebrate)	32	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Generic plant (Terrestrial autotroph - producer)	62	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Montane shrew (Mammalian insectivore)	100	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	SOIL	Red fox (Mammalian top carnivore)	16000	mg/kg		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	American kestrel (water)	81000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	American robin (water)	69000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	Deer mouse (water)	180000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	Desert cottontail (water)	350000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	Montane shrew (water)	150000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	Occult little brown myotis bat (water)	210000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	Red fox (water)	400000	µg/L		
High Explosive	Trinitrotoluene[2,4,6-]	118-96-7	WATER	Violet-green Swallow (water)	40000	µg/L	FINAL	
Inorganic Compo	Aluminum	AL	SEDIMENT	Aquatic community organisms - sediment	58000	mg/kg		
Inorganic Compo	Aluminum	AL	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	12	mg/kg	FINAL	
Inorganic Compo	Aluminum	AL	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	400	mg/kg		
Inorganic Compo	Aluminum	AL	SOIL	American kestrel (Avian intermediate carnivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	American kestrel (Avian top carnivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	American robin (Avian herbivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	American robin (Avian insectivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	American robin (Avian omnivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	Deer mouse (Mammalian omnivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	Desert cottontail (Mammalian herbivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	Earthworm (Soil-dwelling invertebrate)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	Generic plant (Terrestrial autotroph - producer)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	Montane shrew (Mammalian insectivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	SOIL	Red fox (Mammalian top carnivore)	5.5	pH >	FINAL	Soil pH Greater Than 5.5 is ESL
Inorganic Compo	Aluminum	AL	WATER	American kestrel (water)	910000	µg/L		
Inorganic Compo	Aluminum	AL	WATER	American robin (water)	780000	µg/L		
Inorganic Compo	Aluminum	AL	WATER	Aquatic community organisms - water	87	µg/L	FINAL	
Inorganic Compo	Aluminum	AL	WATER	Deer mouse (water)	10000	µg/L		
Inorganic Compo	Aluminum	AL	WATER	Desert cottontail (water)	19000	µg/L		
Inorganic Compo	Aluminum	AL	WATER	Montane shrew (water)	8600	µg/L		
Inorganic Compo	Aluminum	AL	WATER	Occult little brown myotis bat (water)	12000	µg/L		
Inorganic Compo	Aluminum	AL	WATER	Red fox (water)	22000	µg/L		
Inorganic Compo	Aluminum	AL	WATER	Violet-green Swallow (water)	450000	µg/L		
Inorganic Compo	Antimony	SB	SEDIMENT	Aquatic community organisms - sediment	3	mg/kg		
Inorganic Compo	Antimony	SB	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.37	mg/kg	FINAL	
Inorganic Compo	Antimony	SB	SOIL	Deer mouse (Mammalian omnivore)	0.48	mg/kg		
Inorganic Compo	Antimony	SB	SOIL	Desert cottontail (Mammalian herbivore)	2.9	mg/kg		
Inorganic Compo	Antimony	SB	SOIL	Earthworm (Soil-dwelling invertebrate)	78	mg/kg		
Inorganic Compo	Antimony	SB	SOIL	Generic plant (Terrestrial autotroph - producer)	0.05	mg/kg	FINAL	
Inorganic Compo	Antimony	SB	SOIL	Montane shrew (Mammalian insectivore)	0.27	mg/kg		
Inorganic Compo	Antimony	SB	SOIL	Red fox (Mammalian top carnivore)	46	mg/kg		
Inorganic Compo	Antimony	SB	WATER	Aquatic community organisms - water	100	µg/L	FINAL	
Inorganic Compo	Antimony	SB	WATER	Deer mouse (water)	810	µg/L		
Inorganic Compo	Antimony	SB	WATER	Desert cottontail (water)	1500	µg/L		
Inorganic Compo	Antimony	SB	WATER	Montane shrew (water)	690	µg/L		
Inorganic Compo	Antimony	SB	WATER	Occult little brown myotis bat (water)	960	µg/L		
Inorganic Compo	Antimony	SB	WATER	Red fox (water)	1700	µg/L		
Inorganic Compo	Arsenic	AS	SEDIMENT	Aquatic community organisms - sediment	12	mg/kg		
Inorganic Compo	Arsenic	AS	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1.1	mg/kg	FINAL	
Inorganic Compo	Arsenic	AS	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	29	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	American kestrel (Avian intermediate carnivore)	140	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	American kestrel (Avian top carnivore)	2400	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	American robin (Avian herbivore)	100	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	American robin (Avian insectivore)	19	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	American robin (Avian omnivore)	32	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	Deer mouse (Mammalian omnivore)	1.7	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	Desert cottontail (Mammalian herbivore)	21	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	Earthworm (Soil-dwelling invertebrate)	6.8	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	Generic plant (Terrestrial autotroph - producer)	10	mg/kg		
Inorganic Compo	Arsenic	AS	SOIL	Montane shrew (Mammalian insectivore)	0.83	mg/kg	FINAL	
Inorganic Compo	Arsenic	AS	SOIL	Red fox (Mammalian top carnivore)	97	mg/kg		
Inorganic Compo	Arsenic	AS	WATER	American kestrel (water)	42000	µg/L		
Inorganic Compo	Arsenic	AS	WATER	American robin (water)	36000	µg/L		
Inorganic Compo	Arsenic	AS	WATER	Aquatic community organisms - water	150	µg/L	FINAL	
Inorganic Compo	Arsenic	AS	WATER	Deer mouse (water)	660	µg/L		
Inorganic Compo	Arsenic	AS	WATER	Desert cottontail (water)	1200	µg/L		
Inorganic Compo	Arsenic	AS	WATER	Montane shrew (water)	560	µg/L		
Inorganic Compo	Arsenic	AS	WATER	Occult little brown myotis bat (water)	790	µg/L		
Inorganic Compo	Arsenic	AS	WATER	Red fox (water)	1400	µg/L		
Inorganic Compo	Arsenic	AS	WATER	Violet-green Swallow (water)	21000	µg/L		
Inorganic Compo	Barium	BA	SEDIMENT	Aquatic community organisms - sediment	48	mg/kg	FINAL	
Inorganic Compo	Barium	BA	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	320	mg/kg		
Inorganic Compo	Barium	BA	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	270	mg/kg		

Inorganic Compo	Barium	BA	SOIL	American kestrel (Avian intermediate carnivore)	1400	mg/kg		
Inorganic Compo	Barium	BA	SOIL	American kestrel (Avian top carnivore)	36000	mg/kg		
Inorganic Compo	Barium	BA	SOIL	American robin (Avian herbivore)	820	mg/kg		
Inorganic Compo	Barium	BA	SOIL	American robin (Avian insectivore)	190	mg/kg		
Inorganic Compo	Barium	BA	SOIL	American robin (Avian omnivore)	300	mg/kg		
Inorganic Compo	Barium	BA	SOIL	Deer mouse (Mammalian omnivore)	440	mg/kg		
Inorganic Compo	Barium	BA	SOIL	Desert cottontail (Mammalian herbivore)	3300	mg/kg		
Inorganic Compo	Barium	BA	SOIL	Earthworm (Soil-dwelling invertebrate)	330	mg/kg		
Inorganic Compo	Barium	BA	SOIL	Generic plant (Terrestrial autotroph - producer)	100	mg/kg	FINAL	
Inorganic Compo	Barium	BA	SOIL	Montane shrew (Mammalian insectivore)	230	mg/kg		
Inorganic Compo	Barium	BA	SOIL	Red fox (Mammalian top carnivore)	41000	mg/kg		
Inorganic Compo	Barium	BA	WATER	American kestrel (water)	760000	µg/L		
Inorganic Compo	Barium	BA	WATER	American robin (water)	650000	µg/L		
Inorganic Compo	Barium	BA	WATER	Aquatic community organisms - water	3.8	µg/L	FINAL	
Inorganic Compo	Barium	BA	WATER	Deer mouse (water)	7200	µg/L		
Inorganic Compo	Barium	BA	WATER	Desert cottontail (water)	14000	µg/L		
Inorganic Compo	Barium	BA	WATER	Montane shrew (water)	6100	µg/L		
Inorganic Compo	Barium	BA	WATER	Occult little brown myotis bat (water)	8600	µg/L		
Inorganic Compo	Barium	BA	WATER	Red fox (water)	16000	µg/L		
Inorganic Compo	Barium	BA	WATER	Violet-green Swallow (water)	380000	µg/L		
Inorganic Compo	Beryllium	BE	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	3.3	mg/kg	FINAL	
Inorganic Compo	Beryllium	BE	SOIL	Deer mouse (Mammalian omnivore)	5	mg/kg		
Inorganic Compo	Beryllium	BE	SOIL	Desert cottontail (Mammalian herbivore)	170	mg/kg		
Inorganic Compo	Beryllium	BE	SOIL	Earthworm (Soil-dwelling invertebrate)	40	mg/kg		
Inorganic Compo	Beryllium	BE	SOIL	Generic plant (Terrestrial autotroph - producer)	2.5	mg/kg		
Inorganic Compo	Beryllium	BE	SOIL	Montane shrew (Mammalian insectivore)	2.4	mg/kg	FINAL	
Inorganic Compo	Beryllium	BE	SOIL	Red fox (Mammalian top carnivore)	410	mg/kg		
Inorganic Compo	Beryllium	BE	WATER	Aquatic community organisms - water	5.3	µg/L	FINAL	
Inorganic Compo	Beryllium	BE	WATER	Deer mouse (water)	3400	µg/L		
Inorganic Compo	Beryllium	BE	WATER	Desert cottontail (water)	6800	µg/L		
Inorganic Compo	Beryllium	BE	WATER	Montane shrew (water)	2900	µg/L		
Inorganic Compo	Beryllium	BE	WATER	Occult little brown myotis bat (water)	4100	µg/L		
Inorganic Compo	Beryllium	BE	WATER	Red fox (water)	7600	µg/L		
Inorganic Compo	Boron	B	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	170	mg/kg		
Inorganic Compo	Boron	B	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	10	mg/kg	FINAL	
Inorganic Compo	Boron	B	SOIL	American kestrel (Avian intermediate carnivore)	56	mg/kg		
Inorganic Compo	Boron	B	SOIL	American kestrel (Avian top carnivore)	1400	mg/kg		
Inorganic Compo	Boron	B	SOIL	American robin (Avian herbivore)	2	mg/kg	FINAL	
Inorganic Compo	Boron	B	SOIL	American robin (Avian insectivore)	7.5	mg/kg		
Inorganic Compo	Boron	B	SOIL	American robin (Avian omnivore)	3.2	mg/kg		
Inorganic Compo	Boron	B	SOIL	Deer mouse (Mammalian omnivore)	56	mg/kg		
Inorganic Compo	Boron	B	SOIL	Desert cottontail (Mammalian herbivore)	77	mg/kg		
Inorganic Compo	Boron	B	SOIL	Generic plant (Terrestrial autotroph - producer)	36	mg/kg		
Inorganic Compo	Boron	B	SOIL	Montane shrew (Mammalian insectivore)	120	mg/kg		
Inorganic Compo	Boron	B	SOIL	Red fox (Mammalian top carnivore)	21000	mg/kg		
Inorganic Compo	Boron	B	WATER	American kestrel (water)	440000	µg/L		
Inorganic Compo	Boron	B	WATER	American robin (water)	380000	µg/L		
Inorganic Compo	Boron	B	WATER	Aquatic community organisms - water	540	µg/L	FINAL	
Inorganic Compo	Boron	B	WATER	Deer mouse (water)	140000	µg/L		
Inorganic Compo	Boron	B	WATER	Desert cottontail (water)	280000	µg/L		
Inorganic Compo	Boron	B	WATER	Montane shrew (water)	120000	µg/L		
Inorganic Compo	Boron	B	WATER	Occult little brown myotis bat (water)	170000	µg/L		
Inorganic Compo	Boron	B	WATER	Red fox (water)	320000	µg/L		
Inorganic Compo	Boron	B	WATER	Violet-green Swallow (water)	220000	µg/L		
Inorganic Compo	Cadmium	CD	SEDIMENT	Aquatic community organisms - sediment	0.59	mg/kg	FINAL	
Inorganic Compo	Cadmium	CD	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.84	mg/kg		
Inorganic Compo	Cadmium	CD	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	1.1	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	American kestrel (Avian intermediate carnivore)	5.9	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	American kestrel (Avian top carnivore)	770	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	American robin (Avian herbivore)	10	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	American robin (Avian insectivore)	0.83	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	American robin (Avian omnivore)	1.5	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	Deer mouse (Mammalian omnivore)	1.2	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	Desert cottontail (Mammalian herbivore)	22	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	Earthworm (Soil-dwelling invertebrate)	150	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	Generic plant (Terrestrial autotroph - producer)	29	mg/kg		
Inorganic Compo	Cadmium	CD	SOIL	Montane shrew (Mammalian insectivore)	0.67	mg/kg	FINAL	
Inorganic Compo	Cadmium	CD	SOIL	Red fox (Mammalian top carnivore)	570	mg/kg		
Inorganic Compo	Cadmium	CD	WATER	American kestrel (water)	12000	µg/L		
Inorganic Compo	Cadmium	CD	WATER	American robin (water)	10000	µg/L		
Inorganic Compo	Cadmium	CD	WATER	Aquatic community organisms - water	0.15	µg/L	FINAL	
Inorganic Compo	Cadmium	CD	WATER	Deer mouse (water)	5600	µg/L		
Inorganic Compo	Cadmium	CD	WATER	Desert cottontail (water)	11000	µg/L		
Inorganic Compo	Cadmium	CD	WATER	Montane shrew (water)	4800	µg/L		
Inorganic Compo	Cadmium	CD	WATER	Occult little brown myotis bat (water)	6700	µg/L		
Inorganic Compo	Cadmium	CD	WATER	Red fox (water)	12000	µg/L		
Inorganic Compo	Cadmium	CD	WATER	Violet-green Swallow (water)	5900	µg/L		
Inorganic Compo	Chloride	CL(-1)	WATER	Aquatic community organisms - water	230000	µg/L	FINAL	
Inorganic Compo	Chromium (total)	CR	SEDIMENT	Aquatic community organisms - sediment	56	mg/kg	FINAL	
Inorganic Compo	Chromium (total)	CR	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2300	mg/kg		
Inorganic Compo	Chromium (total)	CR	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	4700	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	American kestrel (Avian intermediate carnivore)	15000	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	American kestrel (Avian top carnivore)	38000	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	American robin (Avian herbivore)	1900	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	American robin (Avian insectivore)	1300	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	American robin (Avian omnivore)	1500	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	Deer mouse (Mammalian omnivore)	2100	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	Desert cottontail (Mammalian herbivore)	8000	mg/kg		

Inorganic Compo	Chromium (total)	CR	SOIL	Earthworm (Soil-dwelling invertebrate)	1.4	mg/kg	FINAL	
Inorganic Compo	Chromium (total)	CR	SOIL	Generic plant (Terrestrial autotroph - producer)	2.4	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	Montane shrew (Mammalian insectivore)	700	mg/kg		
Inorganic Compo	Chromium (total)	CR	SOIL	Red fox (Mammalian top carnivore)	18000	mg/kg		
Inorganic Compo	Chromium (total)	CR	WATER	American kestrel (water)	640000	µg/L		
Inorganic Compo	Chromium (total)	CR	WATER	American robin (water)	550000	µg/L		
Inorganic Compo	Chromium (total)	CR	WATER	Aquatic community organisms - water	77	µg/L	FINAL	
Inorganic Compo	Chromium (total)	CR	WATER	Deer mouse (water)	120000	µg/L		
Inorganic Compo	Chromium (total)	CR	WATER	Desert cottontail (water)	230000	µg/L		
Inorganic Compo	Chromium (total)	CR	WATER	Montane shrew (water)	100000	µg/L		
Inorganic Compo	Chromium (total)	CR	WATER	Occult little brown myotis bat (water)	140000	µg/L		
Inorganic Compo	Chromium (total)	CR	WATER	Red fox (water)	260000	µg/L		
Inorganic Compo	Chromium (total)	CR	WATER	Violet-green Swallow (water)	310000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	SEDIMENT	Aquatic community organisms - sediment	8	mg/kg	FINAL	
Inorganic Compo	Chromium(+6)	CR(+6)	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	340	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	680	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	American kestrel (Avian intermediate carnivore)	2200	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	American kestrel (Avian top carnivore)	5400	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	American robin (Avian herbivore)	280	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	American robin (Avian insectivore)	190	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	American robin (Avian omnivore)	220	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	Deer mouse (Mammalian omnivore)	300	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	Desert cottontail (Mammalian herbivore)	1100	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	Earthworm (Soil-dwelling invertebrate)	0.2	mg/kg	FINAL	
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	Generic plant (Terrestrial autotroph - producer)	0.35	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	Montane shrew (Mammalian insectivore)	100	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	SOIL	Red fox (Mammalian top carnivore)	2500	mg/kg		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	American kestrel (water)	91000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	American robin (water)	78000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	Aquatic community organisms - water	11	µg/L	FINAL	
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	Deer mouse (water)	17000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	Desert cottontail (water)	33000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	Montane shrew (water)	14000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	Occult little brown myotis bat (water)	20000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	Red fox (water)	38000	µg/L		
Inorganic Compo	Chromium(+6)	CR(+6)	WATER	Violet-green Swallow (water)	45000	µg/L		
Inorganic Compo	Cobalt	CO	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	45	mg/kg		
Inorganic Compo	Cobalt	CO	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	28	mg/kg	FINAL	
Inorganic Compo	Cobalt	CO	SOIL	American kestrel (Avian intermediate carnivore)	140	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	American kestrel (Avian top carnivore)	2300	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	American robin (Avian herbivore)	170	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	American robin (Avian insectivore)	19	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	American robin (Avian omnivore)	35	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	Deer mouse (Mammalian omnivore)	69	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	Desert cottontail (Mammalian herbivore)	1800	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	Generic plant (Terrestrial autotroph - producer)	13	mg/kg	FINAL	
Inorganic Compo	Cobalt	CO	SOIL	Montane shrew (Mammalian insectivore)	33	mg/kg		
Inorganic Compo	Cobalt	CO	SOIL	Red fox (Mammalian top carnivore)	3900	mg/kg		
Inorganic Compo	Cobalt	CO	WATER	American kestrel (water)	160	µg/L		
Inorganic Compo	Cobalt	CO	WATER	American robin (water)	140	µg/L		
Inorganic Compo	Cobalt	CO	WATER	Aquatic community organisms - water	3	µg/L	FINAL	
Inorganic Compo	Cobalt	CO	WATER	Deer mouse (water)	100	µg/L		
Inorganic Compo	Cobalt	CO	WATER	Desert cottontail (water)	200	µg/L		
Inorganic Compo	Cobalt	CO	WATER	Montane shrew (water)	89	µg/L		
Inorganic Compo	Cobalt	CO	WATER	Occult little brown myotis bat (water)	120	µg/L		
Inorganic Compo	Cobalt	CO	WATER	Red fox (water)	230	µg/L		
Inorganic Compo	Cobalt	CO	WATER	Violet-green Swallow (water)	82	µg/L		
Inorganic Compo	Copper	CU	SEDIMENT	Aquatic community organisms - sediment	28	mg/kg	FINAL	
Inorganic Compo	Copper	CU	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	130	mg/kg		
Inorganic Compo	Copper	CU	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	46	mg/kg		
Inorganic Compo	Copper	CU	SOIL	American kestrel (Avian intermediate carnivore)	210	mg/kg		
Inorganic Compo	Copper	CU	SOIL	American kestrel (Avian top carnivore)	1400	mg/kg		
Inorganic Compo	Copper	CU	SOIL	American robin (Avian herbivore)	16	mg/kg		
Inorganic Compo	Copper	CU	SOIL	American robin (Avian insectivore)	24	mg/kg		
Inorganic Compo	Copper	CU	SOIL	American robin (Avian omnivore)	20	mg/kg		
Inorganic Compo	Copper	CU	SOIL	Deer mouse (Mammalian omnivore)	76	mg/kg		
Inorganic Compo	Copper	CU	SOIL	Desert cottontail (Mammalian herbivore)	130	mg/kg		
Inorganic Compo	Copper	CU	SOIL	Earthworm (Soil-dwelling invertebrate)	13	mg/kg		
Inorganic Compo	Copper	CU	SOIL	Generic plant (Terrestrial autotroph - producer)	10	mg/kg	FINAL	
Inorganic Compo	Copper	CU	SOIL	Montane shrew (Mammalian insectivore)	75	mg/kg		
Inorganic Compo	Copper	CU	SOIL	Red fox (Mammalian top carnivore)	3900	mg/kg		
Inorganic Compo	Copper	CU	WATER	American kestrel (water)	25000	µg/L		
Inorganic Compo	Copper	CU	WATER	American robin (water)	21000	µg/L		
Inorganic Compo	Copper	CU	WATER	Aquatic community organisms - water	5	µg/L	FINAL	
Inorganic Compo	Copper	CU	WATER	Deer mouse (water)	26000	µg/L		
Inorganic Compo	Copper	CU	WATER	Desert cottontail (water)	52000	µg/L		
Inorganic Compo	Copper	CU	WATER	Montane shrew (water)	22000	µg/L		
Inorganic Compo	Copper	CU	WATER	Occult little brown myotis bat (water)	32000	µg/L		
Inorganic Compo	Copper	CU	WATER	Red fox (water)	59000	µg/L		
Inorganic Compo	Copper	CU	WATER	Violet-green Swallow (water)	12000	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	SEDIMENT	Aquatic community organisms - sediment	0.1	mg/kg	FINAL	
Inorganic Compo	Cyanide (total)	CN(-1)	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	420	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.14	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	American kestrel (Avian intermediate carnivore)	0.61	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	American kestrel (Avian top carnivore)	1.4	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	American robin (Avian herbivore)	0.1	mg/kg	FINAL	
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	American robin (Avian insectivore)	0.1	mg/kg	FINAL	
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	American robin (Avian omnivore)	0.1	mg/kg	FINAL	

Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	Deer mouse (Mammalian omnivore)	340	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	Desert cottontail (Mammalian herbivore)	740	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	Montane shrew (Mammalian insectivore)	310	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	SOIL	Red fox (Mammalian top carnivore)	5200	mg/kg		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	American kestrel (water)	330	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	American robin (water)	280	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	Aquatic community organisms - water	5.2	µg/L	FINAL	
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	Deer mouse (water)	360000	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	Desert cottontail (water)	700000	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	Montane shrew (water)	300000	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	Occult little brown myotis bat (water)	430000	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	Red fox (water)	790000	µg/L		
Inorganic Compo	Cyanide (total)	CN(-1)	WATER	Violet-green Swallow (water)	160	µg/L		
Inorganic Compo	Fluoride	F(-1)	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	160	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	45	mg/kg	FINAL	
Inorganic Compo	Fluoride	F(-1)	SOIL	American kestrel (Avian intermediate carnivore)	210	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SOIL	American kestrel (Avian top carnivore)	1000	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SOIL	American robin (Avian herbivore)	210	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SOIL	American robin (Avian insectivore)	31	mg/kg	FINAL	
Inorganic Compo	Fluoride	F(-1)	SOIL	American robin (Avian omnivore)	54	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SOIL	Deer mouse (Mammalian omnivore)	240	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SOIL	Desert cottontail (Mammalian herbivore)	3500	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SOIL	Montane shrew (Mammalian insectivore)	120	mg/kg		
Inorganic Compo	Fluoride	F(-1)	SOIL	Red fox (Mammalian top carnivore)	4600	mg/kg		
Inorganic Compo	Fluoride	F(-1)	WATER	American kestrel (water)	100000	µg/L		
Inorganic Compo	Fluoride	F(-1)	WATER	American robin (water)	87000	µg/L		
Inorganic Compo	Fluoride	F(-1)	WATER	Aquatic community organisms - water	1600	µg/L	FINAL	
Inorganic Compo	Fluoride	F(-1)	WATER	Deer mouse (water)	140000	µg/L		
Inorganic Compo	Fluoride	F(-1)	WATER	Desert cottontail (water)	270000	µg/L		
Inorganic Compo	Fluoride	F(-1)	WATER	Montane shrew (water)	110000	µg/L		
Inorganic Compo	Fluoride	F(-1)	WATER	Occult little brown myotis bat (water)	160000	µg/L		
Inorganic Compo	Fluoride	F(-1)	WATER	Red fox (water)	300000	µg/L		
Inorganic Compo	Fluoride	F(-1)	WATER	Violet-green Swallow (water)	50000	µg/L		
Inorganic Compo	Lead	PB	SEDIMENT	Aquatic community organisms - sediment	34	mg/kg		
Inorganic Compo	Lead	PB	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	200	mg/kg		
Inorganic Compo	Lead	PB	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	33	mg/kg	FINAL	
Inorganic Compo	Lead	PB	SOIL	American kestrel (Avian intermediate carnivore)	140	mg/kg		
Inorganic Compo	Lead	PB	SOIL	American kestrel (Avian top carnivore)	800	mg/kg		
Inorganic Compo	Lead	PB	SOIL	American robin (Avian herbivore)	30	mg/kg		
Inorganic Compo	Lead	PB	SOIL	American robin (Avian insectivore)	16	mg/kg	FINAL	
Inorganic Compo	Lead	PB	SOIL	American robin (Avian omnivore)	21	mg/kg		
Inorganic Compo	Lead	PB	SOIL	Deer mouse (Mammalian omnivore)	220	mg/kg		
Inorganic Compo	Lead	PB	SOIL	Desert cottontail (Mammalian herbivore)	930	mg/kg		
Inorganic Compo	Lead	PB	SOIL	Earthworm (Soil-dwelling invertebrate)	1700	mg/kg		
Inorganic Compo	Lead	PB	SOIL	Generic plant (Terrestrial autotroph - producer)	210	mg/kg		
Inorganic Compo	Lead	PB	SOIL	Montane shrew (Mammalian insectivore)	100	mg/kg		
Inorganic Compo	Lead	PB	SOIL	Red fox (Mammalian top carnivore)	4600	mg/kg		
Inorganic Compo	Lead	PB	WATER	American kestrel (water)	130000	µg/L		
Inorganic Compo	Lead	PB	WATER	American robin (water)	110000	µg/L		
Inorganic Compo	Lead	PB	WATER	Aquatic community organisms - water	1.2	µg/L	FINAL	
Inorganic Compo	Lead	PB	WATER	Deer mouse (water)	5100	µg/L		
Inorganic Compo	Lead	PB	WATER	Desert cottontail (water)	10000	µg/L		
Inorganic Compo	Lead	PB	WATER	Montane shrew (water)	4300	µg/L		
Inorganic Compo	Lead	PB	WATER	Occult little brown myotis bat (water)	6100	µg/L		
Inorganic Compo	Lead	PB	WATER	Red fox (water)	11000	µg/L		
Inorganic Compo	Lead	PB	WATER	Violet-green Swallow (water)	64000	µg/L		
Inorganic Compo	Manganese	MN	SEDIMENT	Aquatic community organisms - sediment	720	mg/kg	FINAL	
Inorganic Compo	Manganese	MN	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	850	mg/kg		
Inorganic Compo	Manganese	MN	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	6700	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	American kestrel (Avian intermediate carnivore)	32000	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	American kestrel (Avian top carnivore)	290000	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	American robin (Avian herbivore)	4600	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	American robin (Avian insectivore)	3900	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	American robin (Avian omnivore)	4200	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	Deer mouse (Mammalian omnivore)	720	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	Desert cottontail (Mammalian herbivore)	1700	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	Generic plant (Terrestrial autotroph - producer)	50	mg/kg	FINAL	
Inorganic Compo	Manganese	MN	SOIL	Montane shrew (Mammalian insectivore)	520	mg/kg		
Inorganic Compo	Manganese	MN	SOIL	Red fox (Mammalian top carnivore)	34000	mg/kg		
Inorganic Compo	Manganese	MN	WATER	American kestrel (water)	4800000	µg/L		
Inorganic Compo	Manganese	MN	WATER	American robin (water)	4100000	µg/L		
Inorganic Compo	Manganese	MN	WATER	Aquatic community organisms - water	80	µg/L	FINAL	
Inorganic Compo	Manganese	MN	WATER	Deer mouse (water)	230000	µg/L		
Inorganic Compo	Manganese	MN	WATER	Desert cottontail (water)	450000	µg/L		
Inorganic Compo	Manganese	MN	WATER	Montane shrew (water)	190000	µg/L		
Inorganic Compo	Manganese	MN	WATER	Occult little brown myotis bat (water)	270000	µg/L		
Inorganic Compo	Manganese	MN	WATER	Red fox (water)	510000	µg/L		
Inorganic Compo	Manganese	MN	WATER	Violet-green Swallow (water)	2400000	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	SEDIMENT	Aquatic community organisms - sediment	0.13	mg/kg	FINAL	
Inorganic Compo	Mercury (inorganic)	HGI	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	36	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.29	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	American kestrel (Avian intermediate carnivore)	1.1	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	American kestrel (Avian top carnivore)	3.1	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	American robin (Avian herbivore)	0.38	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	American robin (Avian insectivore)	0.15	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	American robin (Avian omnivore)	0.22	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	Deer mouse (Mammalian omnivore)	44	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	Desert cottontail (Mammalian herbivore)	250	mg/kg		

Inorganic Compo	Mercury (inorganic)	HGI	SOIL	Earthworm (Soil-dwelling invertebrate)	0.05	mg/kg	FINAL	
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	Generic plant (Terrestrial autotroph - producer)	34	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	Montane shrew (Mammalian insectivore)	20	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	SOIL	Red fox (Mammalian top carnivore)	450	mg/kg		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	American kestrel (water)	150	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	American robin (water)	130	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	Aquatic community organisms - water	0.77	µg/L	FINAL	
Inorganic Compo	Mercury (inorganic)	HGI	WATER	Deer mouse (water)	7400	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	Desert cottontail (water)	14000	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	Montane shrew (water)	6300	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	Occult little brown myotis bat (water)	8800	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	Red fox (water)	16000	µg/L		
Inorganic Compo	Mercury (inorganic)	HGI	WATER	Violet-green Swallow (water)	78	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.0039	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.00046	mg/kg	FINAL	
Inorganic Compo	Mercury (methyl)	HGM	SOIL	American kestrel (Avian intermediate carnivore)	0.0021	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	American kestrel (Avian top carnivore)	0.0076	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	American robin (Avian herbivore)	0.075	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	American robin (Avian insectivore)	0.00035	mg/kg	FINAL	
Inorganic Compo	Mercury (methyl)	HGM	SOIL	American robin (Avian omnivore)	0.00071	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	Deer mouse (Mammalian omnivore)	0.0063	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	Desert cottontail (Mammalian herbivore)	2.2	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	Earthworm (Soil-dwelling invertebrate)	2.5	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	Montane shrew (Mammalian insectivore)	0.0031	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	SOIL	Red fox (Mammalian top carnivore)	0.084	mg/kg		
Inorganic Compo	Mercury (methyl)	HGM	WATER	American kestrel (water)	53	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	WATER	American robin (water)	45	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	WATER	Aquatic community organisms - water	0.0028	µg/L	FINAL	
Inorganic Compo	Mercury (methyl)	HGM	WATER	Deer mouse (water)	160	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	WATER	Desert cottontail (water)	320	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	WATER	Montane shrew (water)	140	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	WATER	Occult little brown myotis bat (water)	200	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	WATER	Red fox (water)	370	µg/L		
Inorganic Compo	Mercury (methyl)	HGM	WATER	Violet-green Swallow (water)	26	µg/L		
Inorganic Compo	Nickel	NI	SEDIMENT	Aquatic community organisms - sediment	39	mg/kg	FINAL	
Inorganic Compo	Nickel	NI	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2200	mg/kg		
Inorganic Compo	Nickel	NI	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	680	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	American kestrel (Avian intermediate carnivore)	2700	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	American kestrel (Avian top carnivore)	10000	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	American robin (Avian herbivore)	460	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	American robin (Avian insectivore)	270	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	American robin (Avian omnivore)	340	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	Deer mouse (Mammalian omnivore)	2300	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	Desert cottontail (Mammalian herbivore)	8700	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	Earthworm (Soil-dwelling invertebrate)	100	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	Generic plant (Terrestrial autotroph - producer)	20	mg/kg	FINAL	
Inorganic Compo	Nickel	NI	SOIL	Montane shrew (Mammalian insectivore)	980	mg/kg		
Inorganic Compo	Nickel	NI	SOIL	Red fox (Mammalian top carnivore)	34000	mg/kg		
Inorganic Compo	Nickel	NI	WATER	American kestrel (water)	230000	µg/L		
Inorganic Compo	Nickel	NI	WATER	American robin (water)	200000	µg/L		
Inorganic Compo	Nickel	NI	WATER	Aquatic community organisms - water	28	µg/L	FINAL	
Inorganic Compo	Nickel	NI	WATER	Deer mouse (water)	360	µg/L		
Inorganic Compo	Nickel	NI	WATER	Desert cottontail (water)	710	µg/L		
Inorganic Compo	Nickel	NI	WATER	Montane shrew (water)	300	µg/L		
Inorganic Compo	Nickel	NI	WATER	Occult little brown myotis bat (water)	430	µg/L		
Inorganic Compo	Nickel	NI	WATER	Red fox (water)	800	µg/L		
Inorganic Compo	Nickel	NI	WATER	Violet-green Swallow (water)	110000	µg/L		
Inorganic Compo	Selenium	SE	SEDIMENT	Aquatic community organisms - sediment	1	mg/kg	FINAL	
Inorganic Compo	Selenium	SE	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1.2	mg/kg		
Inorganic Compo	Selenium	SE	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	1.6	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	American kestrel (Avian intermediate carnivore)	8.4	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	American kestrel (Avian top carnivore)	140	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	American robin (Avian herbivore)	10	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	American robin (Avian insectivore)	1.1	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	American robin (Avian omnivore)	2	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	Deer mouse (Mammalian omnivore)	1.9	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	Desert cottontail (Mammalian herbivore)	55	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	Earthworm (Soil-dwelling invertebrate)	7.7	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	Generic plant (Terrestrial autotroph - producer)	0.1	mg/kg	FINAL	
Inorganic Compo	Selenium	SE	SOIL	Montane shrew (Mammalian insectivore)	0.91	mg/kg		
Inorganic Compo	Selenium	SE	SOIL	Red fox (Mammalian top carnivore)	110	mg/kg		
Inorganic Compo	Selenium	SE	WATER	American kestrel (water)	3600	µg/L		
Inorganic Compo	Selenium	SE	WATER	American robin (water)	3100	µg/L		
Inorganic Compo	Selenium	SE	WATER	Aquatic community organisms - water	5	µg/L	FINAL	
Inorganic Compo	Selenium	SE	WATER	Deer mouse (water)	1000	µg/L		
Inorganic Compo	Selenium	SE	WATER	Desert cottontail (water)	2000	µg/L		
Inorganic Compo	Selenium	SE	WATER	Montane shrew (water)	890	µg/L		
Inorganic Compo	Selenium	SE	WATER	Occult little brown myotis bat (water)	1200	µg/L		
Inorganic Compo	Selenium	SE	WATER	Red fox (water)	2300	µg/L		
Inorganic Compo	Selenium	SE	WATER	Violet-green Swallow (water)	1800	µg/L		
Inorganic Compo	Silver	AG	SEDIMENT	Aquatic community organisms - sediment	1	mg/kg	FINAL	
Inorganic Compo	Silver	AG	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	110	mg/kg		
Inorganic Compo	Silver	AG	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	20	mg/kg		
Inorganic Compo	Silver	AG	SOIL	American kestrel (Avian intermediate carnivore)	100	mg/kg		
Inorganic Compo	Silver	AG	SOIL	American kestrel (Avian top carnivore)	2400	mg/kg		
Inorganic Compo	Silver	AG	SOIL	American robin (Avian herbivore)	30	mg/kg		
Inorganic Compo	Silver	AG	SOIL	American robin (Avian insectivore)	14	mg/kg		
Inorganic Compo	Silver	AG	SOIL	American robin (Avian omnivore)	19	mg/kg		

Inorganic Compo	Silver	AG	SOIL	Deer mouse (Mammalian omnivore)	130	mg/kg		
Inorganic Compo	Silver	AG	SOIL	Desert cottontail (Mammalian herbivore)	490	mg/kg		
Inorganic Compo	Silver	AG	SOIL	Generic plant (Terrestrial autotroph - producer)	0.05	mg/kg	FINAL	
Inorganic Compo	Silver	AG	SOIL	Montane shrew (Mammalian insectivore)	86	mg/kg		
Inorganic Compo	Silver	AG	SOIL	Red fox (Mammalian top carnivore)	14000	mg/kg		
Inorganic Compo	Silver	AG	WATER	American kestrel (water)	45000	µg/L		
Inorganic Compo	Silver	AG	WATER	American robin (water)	38000	µg/L		
Inorganic Compo	Silver	AG	WATER	Aquatic community organisms - water	0.36	µg/L	FINAL	
Inorganic Compo	Silver	AG	WATER	Deer mouse (water)	100000	µg/L		
Inorganic Compo	Silver	AG	WATER	Desert cottontail (water)	190000	µg/L		
Inorganic Compo	Silver	AG	WATER	Montane shrew (water)	85000	µg/L		
Inorganic Compo	Silver	AG	WATER	Occult little brown myotis bat (water)	110000	µg/L		
Inorganic Compo	Silver	AG	WATER	Red fox (water)	220000	µg/L		
Inorganic Compo	Silver	AG	WATER	Violet-green Swallow (water)	22000	µg/L		
Inorganic Compo	Strontium (stable)	SR	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	150	mg/kg	FINAL	
Inorganic Compo	Strontium (stable)	SR	SOIL	Deer mouse (Mammalian omnivore)	71	mg/kg	FINAL	
Inorganic Compo	Strontium (stable)	SR	SOIL	Desert cottontail (Mammalian herbivore)	110	mg/kg		
Inorganic Compo	Strontium (stable)	SR	SOIL	Montane shrew (Mammalian insectivore)	110	mg/kg		
Inorganic Compo	Strontium (stable)	SR	SOIL	Red fox (Mammalian top carnivore)	19000	mg/kg		
Inorganic Compo	Strontium (stable)	SR	WATER	Aquatic community organisms - water	620	µg/L	FINAL	
Inorganic Compo	Strontium (stable)	SR	WATER	Deer mouse (water)	130000	µg/L		
Inorganic Compo	Strontium (stable)	SR	WATER	Desert cottontail (water)	250000	µg/L		
Inorganic Compo	Strontium (stable)	SR	WATER	Montane shrew (water)	110000	µg/L		
Inorganic Compo	Strontium (stable)	SR	WATER	Occult little brown myotis bat (water)	150000	µg/L		
Inorganic Compo	Strontium (stable)	SR	WATER	Red fox (water)	290000	µg/L		
Inorganic Compo	Thallium	TL	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.044	mg/kg	FINAL	
Inorganic Compo	Thallium	TL	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	1.3	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	American kestrel (Avian intermediate carnivore)	6.6	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	American kestrel (Avian top carnivore)	75	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	American robin (Avian herbivore)	9.2	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	American robin (Avian insectivore)	0.9	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	American robin (Avian omnivore)	1.6	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	Deer mouse (Mammalian omnivore)	0.068	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	Desert cottontail (Mammalian herbivore)	2.8	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	Generic plant (Terrestrial autotroph - producer)	0.1	mg/kg		
Inorganic Compo	Thallium	TL	SOIL	Montane shrew (Mammalian insectivore)	0.032	mg/kg	FINAL	
Inorganic Compo	Thallium	TL	SOIL	Red fox (Mammalian top carnivore)	2.8	mg/kg		
Inorganic Compo	Thallium	TL	WATER	American kestrel (water)	2900	µg/L		
Inorganic Compo	Thallium	TL	WATER	American robin (water)	2500	µg/L		
Inorganic Compo	Thallium	TL	WATER	Aquatic community organisms - water	18	µg/L	FINAL	
Inorganic Compo	Thallium	TL	WATER	Deer mouse (water)	37	µg/L		
Inorganic Compo	Thallium	TL	WATER	Desert cottontail (water)	73	µg/L		
Inorganic Compo	Thallium	TL	WATER	Montane shrew (water)	31	µg/L		
Inorganic Compo	Thallium	TL	WATER	Occult little brown myotis bat (water)	44	µg/L		
Inorganic Compo	Thallium	TL	WATER	Red fox (water)	82	µg/L		
Inorganic Compo	Thallium	TL	WATER	Violet-green Swallow (water)	1400	µg/L		
Inorganic Compo	Titanium	TI	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	98	mg/kg	FINAL	
Inorganic Compo	Titanium	TI	SOIL	Deer mouse (Mammalian omnivore)	150	mg/kg		
Inorganic Compo	Titanium	TI	SOIL	Desert cottontail (Mammalian herbivore)	5900	mg/kg		
Inorganic Compo	Titanium	TI	SOIL	Montane shrew (Mammalian insectivore)	72	mg/kg	FINAL	
Inorganic Compo	Titanium	TI	SOIL	Red fox (Mammalian top carnivore)	7300	mg/kg		
Inorganic Compo	Titanium	TI	WATER	Deer mouse (water)	83000	µg/L		
Inorganic Compo	Titanium	TI	WATER	Desert cottontail (water)	160000	µg/L		
Inorganic Compo	Titanium	TI	WATER	Montane shrew (water)	70000	µg/L	FINAL	
Inorganic Compo	Titanium	TI	WATER	Occult little brown myotis bat (water)	99000	µg/L		
Inorganic Compo	Titanium	TI	WATER	Red fox (water)	180000	µg/L		
Inorganic Compo	Uranium	U	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	38	mg/kg	FINAL	
Inorganic Compo	Uranium	U	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	290	mg/kg		
Inorganic Compo	Uranium	U	SOIL	American kestrel (Avian intermediate carnivore)	1500	mg/kg		
Inorganic Compo	Uranium	U	SOIL	American kestrel (Avian top carnivore)	39000	mg/kg		
Inorganic Compo	Uranium	U	SOIL	American robin (Avian herbivore)	1900	mg/kg		
Inorganic Compo	Uranium	U	SOIL	American robin (Avian insectivore)	200	mg/kg		
Inorganic Compo	Uranium	U	SOIL	American robin (Avian omnivore)	360	mg/kg		
Inorganic Compo	Uranium	U	SOIL	Deer mouse (Mammalian omnivore)	58	mg/kg		
Inorganic Compo	Uranium	U	SOIL	Desert cottontail (Mammalian herbivore)	2000	mg/kg		
Inorganic Compo	Uranium	U	SOIL	Generic plant (Terrestrial autotroph - producer)	25	mg/kg	FINAL	
Inorganic Compo	Uranium	U	SOIL	Montane shrew (Mammalian insectivore)	27	mg/kg		
Inorganic Compo	Uranium	U	SOIL	Red fox (Mammalian top carnivore)	4800	mg/kg		
Inorganic Compo	Uranium	U	WATER	American kestrel (water)	650000	µg/L		
Inorganic Compo	Uranium	U	WATER	American robin (water)	550000	µg/L		
Inorganic Compo	Uranium	U	WATER	Aquatic community organisms - water	1.8	µg/L	FINAL	
Inorganic Compo	Uranium	U	WATER	Deer mouse (water)	32000	µg/L		
Inorganic Compo	Uranium	U	WATER	Desert cottontail (water)	62000	µg/L		
Inorganic Compo	Uranium	U	WATER	Montane shrew (water)	27000	µg/L		
Inorganic Compo	Uranium	U	WATER	Occult little brown myotis bat (water)	38000	µg/L		
Inorganic Compo	Uranium	U	WATER	Red fox (water)	70000	µg/L		
Inorganic Compo	Uranium	U	WATER	Violet-green Swallow (water)	320000	µg/L		
Inorganic Compo	Vanadium	V	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	13	mg/kg		
Inorganic Compo	Vanadium	V	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	4.1	mg/kg	FINAL	
Inorganic Compo	Vanadium	V	SOIL	American kestrel (Avian intermediate carnivore)	21	mg/kg		
Inorganic Compo	Vanadium	V	SOIL	American kestrel (Avian top carnivore)	510	mg/kg		
Inorganic Compo	Vanadium	V	SOIL	American robin (Avian herbivore)	28	mg/kg		
Inorganic Compo	Vanadium	V	SOIL	American robin (Avian insectivore)	2.8	mg/kg		
Inorganic Compo	Vanadium	V	SOIL	American robin (Avian omnivore)	5.1	mg/kg		
Inorganic Compo	Vanadium	V	SOIL	Deer mouse (Mammalian omnivore)	20	mg/kg		
Inorganic Compo	Vanadium	V	SOIL	Desert cottontail (Mammalian herbivore)	790	mg/kg		
Inorganic Compo	Vanadium	V	SOIL	Generic plant (Terrestrial autotroph - producer)	0.025	mg/kg	FINAL	
Inorganic Compo	Vanadium	V	SOIL	Montane shrew (Mammalian insectivore)	9.6	mg/kg		

Inorganic Compo	Vanadium	V	SOIL	Red fox (Mammalian top carnivore)	1500	mg/kg		
Inorganic Compo	Vanadium	V	WATER	American kestrel (water)	9100	µg/L		
Inorganic Compo	Vanadium	V	WATER	American robin (water)	7800	µg/L		
Inorganic Compo	Vanadium	V	WATER	Aquatic community organisms - water	19	µg/L	FINAL	
Inorganic Compo	Vanadium	V	WATER	Deer mouse (water)	11000	µg/L		
Inorganic Compo	Vanadium	V	WATER	Desert cottontail (water)	21000	µg/L		
Inorganic Compo	Vanadium	V	WATER	Montane shrew (water)	9400	µg/L		
Inorganic Compo	Vanadium	V	WATER	Occult little brown myotis bat (water)	13000	µg/L		
Inorganic Compo	Vanadium	V	WATER	Red fox (water)	24000	µg/L		
Inorganic Compo	Vanadium	V	WATER	Violet-green Swallow (water)	4500	µg/L		
Inorganic Compo	Zinc	ZN	SEDIMENT	Aquatic community organisms - sediment	150	mg/kg		
Inorganic Compo	Zinc	ZN	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	230	mg/kg		
Inorganic Compo	Zinc	ZN	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	41	mg/kg	FINAL	
Inorganic Compo	Zinc	ZN	SOIL	American kestrel (Avian intermediate carnivore)	200	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	American kestrel (Avian top carnivore)	1500	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	American robin (Avian herbivore)	67	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	American robin (Avian insectivore)	30	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	American robin (Avian omnivore)	42	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	Deer mouse (Mammalian omnivore)	250	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	Desert cottontail (Mammalian herbivore)	910	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	Earthworm (Soil-dwelling invertebrate)	190	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	Generic plant (Terrestrial autotroph - producer)	10	mg/kg	FINAL	
Inorganic Compo	Zinc	ZN	SOIL	Montane shrew (Mammalian insectivore)	180	mg/kg		
Inorganic Compo	Zinc	ZN	SOIL	Red fox (Mammalian top carnivore)	11000	mg/kg		
Inorganic Compo	Zinc	ZN	WATER	American kestrel (water)	1000000	µg/L		
Inorganic Compo	Zinc	ZN	WATER	American robin (water)	850000	µg/L		
Inorganic Compo	Zinc	ZN	WATER	Aquatic community organisms - water	66	µg/L	FINAL	
Inorganic Compo	Zinc	ZN	WATER	Deer mouse (water)	660000	µg/L		
Inorganic Compo	Zinc	ZN	WATER	Desert cottontail (water)	1200000	µg/L		
Inorganic Compo	Zinc	ZN	WATER	Montane shrew (water)	560000	µg/L		
Inorganic Compo	Zinc	ZN	WATER	Occult little brown myotis bat (water)	790000	µg/L		
Inorganic Compo	Zinc	ZN	WATER	Red fox (water)	1400000	µg/L		
Inorganic Compo	Zinc	ZN	WATER	Violet-green Swallow (water)	490000	µg/L		
Pesticide	BHC[beta-]	319-85-7	SEDIMENT	Aquatic community organisms - sediment	0.14	mg/kg	FINAL	
Pesticide	BHC[beta-]	319-85-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1.2	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	72	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	American kestrel (Avian intermediate carnivore)	350	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	American kestrel (Avian top carnivore)	2200	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	American robin (Avian herbivore)	130	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	American robin (Avian insectivore)	52	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	American robin (Avian omnivore)	76	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	Deer mouse (Mammalian omnivore)	1.4	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	Desert cottontail (Mammalian herbivore)	6.1	mg/kg		
Pesticide	BHC[beta-]	319-85-7	SOIL	Montane shrew (Mammalian insectivore)	0.97	mg/kg	FINAL	
Pesticide	BHC[beta-]	319-85-7	SOIL	Red fox (Mammalian top carnivore)	49	mg/kg		
Pesticide	BHC[beta-]	319-85-7	WATER	American kestrel (water)	310000	µg/L		
Pesticide	BHC[beta-]	319-85-7	WATER	American robin (water)	270000	µg/L		
Pesticide	BHC[beta-]	319-85-7	WATER	Aquatic community organisms - water	2.4	µg/L	FINAL	
Pesticide	BHC[beta-]	319-85-7	WATER	Deer mouse (water)	2100	µg/L		
Pesticide	BHC[beta-]	319-85-7	WATER	Desert cottontail (water)	4100	µg/L		
Pesticide	BHC[beta-]	319-85-7	WATER	Montane shrew (water)	1700	µg/L		
Pesticide	BHC[beta-]	319-85-7	WATER	Occult little brown myotis bat (water)	2500	µg/L		
Pesticide	BHC[beta-]	319-85-7	WATER	Red fox (water)	4600	µg/L		
Pesticide	BHC[beta-]	319-85-7	WATER	Violet-green Swallow (water)	150000	µg/L		
Pesticide	BHC[gamma-]	58-89-9	SEDIMENT	Aquatic community organisms - sediment	0.0028	mg/kg	FINAL	
Pesticide	BHC[gamma-]	58-89-9	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.044	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	1	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	American kestrel (Avian intermediate carnivore)	5.2	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	American kestrel (Avian top carnivore)	35	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	American robin (Avian herbivore)	1.8	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	American robin (Avian insectivore)	0.77	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	American robin (Avian omnivore)	1	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	Deer mouse (Mammalian omnivore)	0.051	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	Desert cottontail (Mammalian herbivore)	0.2	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	Generic plant (Terrestrial autotroph - producer)	0.1	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	SOIL	Montane shrew (Mammalian insectivore)	0.034	mg/kg	FINAL	
Pesticide	BHC[gamma-]	58-89-9	SOIL	Red fox (Mammalian top carnivore)	1.8	mg/kg		
Pesticide	BHC[gamma-]	58-89-9	WATER	American kestrel (water)	4600	µg/L		
Pesticide	BHC[gamma-]	58-89-9	WATER	American robin (water)	4000	µg/L		
Pesticide	BHC[gamma-]	58-89-9	WATER	Aquatic community organisms - water	0.08	µg/L	FINAL	
Pesticide	BHC[gamma-]	58-89-9	WATER	Deer mouse (water)	73	µg/L		
Pesticide	BHC[gamma-]	58-89-9	WATER	Desert cottontail (water)	140	µg/L		
Pesticide	BHC[gamma-]	58-89-9	WATER	Montane shrew (water)	62	µg/L		
Pesticide	BHC[gamma-]	58-89-9	WATER	Occult little brown myotis bat (water)	88	µg/L		
Pesticide	BHC[gamma-]	58-89-9	WATER	Red fox (water)	160	µg/L		
Pesticide	BHC[gamma-]	58-89-9	WATER	Violet-green Swallow (water)	2300	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	SEDIMENT	Aquatic community organisms - sediment	0.0005	mg/kg	FINAL	
Pesticide	Chlordane[alpha-]	5103-71-9	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2.7	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	3	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	American kestrel (Avian intermediate carnivore)	8.8	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	American kestrel (Avian top carnivore)	9.6	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	American robin (Avian herbivore)	34	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	American robin (Avian insectivore)	2.2	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	American robin (Avian omnivore)	4.1	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	Deer mouse (Mammalian omnivore)	4.3	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	Desert cottontail (Mammalian herbivore)	130	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	Generic plant (Terrestrial autotroph - producer)	2.2	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	Montane shrew (Mammalian insectivore)	2.1	mg/kg	FINAL	

Pesticide	Chlordane[alpha-]	5103-71-9	SOIL	Red fox (Mammalian top carnivore)	11	mg/kg		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	American kestrel (water)	17000	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	American robin (water)	15000	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	Aquatic community organisms - water	0.0043	µg/L	FINAL	
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	Deer mouse (water)	6100	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	Desert cottontail (water)	12000	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	Montane shrew (water)	5200	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	Occult little brown myotis bat (water)	7300	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	Red fox (water)	13000	µg/L		
Pesticide	Chlordane[alpha-]	5103-71-9	WATER	Violet-green Swallow (water)	8800	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	SEDIMENT	Aquatic community organisms - sediment	0.0005	mg/kg	FINAL	
Pesticide	Chlordane[gamma-]	5103-74-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2.7	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	3	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	American kestrel (Avian intermediate carnivore)	8.8	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	American kestrel (Avian top carnivore)	9.6	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	American robin (Avian herbivore)	34	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	American robin (Avian insectivore)	2.2	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	American robin (Avian omnivore)	4.1	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	Deer mouse (Mammalian omnivore)	4.3	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	Desert cottontail (Mammalian herbivore)	130	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	Generic plant (Terrestrial autotroph - producer)	2.2	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	Montane shrew (Mammalian insectivore)	2.1	mg/kg	FINAL	
Pesticide	Chlordane[gamma-]	5103-74-2	SOIL	Red fox (Mammalian top carnivore)	11	mg/kg		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	American kestrel (water)	17000	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	American robin (water)	15000	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	Aquatic community organisms - water	0.0043	µg/L	FINAL	
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	Deer mouse (water)	6100	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	Desert cottontail (water)	12000	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	Montane shrew (water)	5200	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	Occult little brown myotis bat (water)	7300	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	Red fox (water)	13000	µg/L		
Pesticide	Chlordane[gamma-]	5103-74-2	WATER	Violet-green Swallow (water)	8800	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	SEDIMENT	Aquatic community organisms - sediment	0.0022	mg/kg	FINAL	
Pesticide	DDE[4,4'-]	72-55-9	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	8.3	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.042	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	American kestrel (Avian intermediate carnivore)	0.1	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	American kestrel (Avian top carnivore)	0.09	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	American robin (Avian herbivore)	1.5	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	American robin (Avian insectivore)	0.032	mg/kg	FINAL	
Pesticide	DDE[4,4'-]	72-55-9	SOIL	American robin (Avian omnivore)	0.063	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	Deer mouse (Mammalian omnivore)	13	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	Desert cottontail (Mammalian herbivore)	1400	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	Montane shrew (Mammalian insectivore)	6.6	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	SOIL	Red fox (Mammalian top carnivore)	23	mg/kg		
Pesticide	DDE[4,4'-]	72-55-9	WATER	American kestrel (water)	1000	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	WATER	American robin (water)	920	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	WATER	Aquatic community organisms - water	10	µg/L	FINAL	
Pesticide	DDE[4,4'-]	72-55-9	WATER	Deer mouse (water)	52000	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	WATER	Desert cottontail (water)	100000	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	WATER	Montane shrew (water)	44000	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	WATER	Occult little brown myotis bat (water)	62000	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	WATER	Red fox (water)	110000	µg/L		
Pesticide	DDE[4,4'-]	72-55-9	WATER	Violet-green Swallow (water)	530	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	SEDIMENT	Aquatic community organisms - sediment	0.0015	mg/kg	FINAL	
Pesticide	DDT[4,4'-]	50-29-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.89	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.11	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	American kestrel (Avian intermediate carnivore)	0.31	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	American kestrel (Avian top carnivore)	0.31	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	American robin (Avian herbivore)	4.1	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	American robin (Avian insectivore)	0.09	mg/kg	FINAL	
Pesticide	DDT[4,4'-]	50-29-3	SOIL	American robin (Avian omnivore)	0.17	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	Deer mouse (Mammalian omnivore)	1.4	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	Desert cottontail (Mammalian herbivore)	130	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	Generic plant (Terrestrial autotroph - producer)	3.7	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	Montane shrew (Mammalian insectivore)	0.71	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	SOIL	Red fox (Mammalian top carnivore)	3	mg/kg		
Pesticide	DDT[4,4'-]	50-29-3	WATER	American kestrel (water)	2000	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	WATER	American robin (water)	1700	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	WATER	Aquatic community organisms - water	0.04	µg/L	FINAL	
Pesticide	DDT[4,4'-]	50-29-3	WATER	Deer mouse (water)	8400	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	WATER	Desert cottontail (water)	16000	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	WATER	Montane shrew (water)	7100	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	WATER	Occult little brown myotis bat (water)	10000	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	WATER	Red fox (water)	18000	µg/L		
Pesticide	DDT[4,4'-]	50-29-3	WATER	Violet-green Swallow (water)	990	µg/L		
Pesticide	Dieldrin	60-57-1	SEDIMENT	Aquatic community organisms - sediment	0.052	mg/kg		
Pesticide	Dieldrin	60-57-1	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.039	mg/kg	FINAL	
Pesticide	Dieldrin	60-57-1	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.12	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	American kestrel (Avian intermediate carnivore)	0.49	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	American kestrel (Avian top carnivore)	0.96	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	American robin (Avian herbivore)	0.8	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	American robin (Avian insectivore)	0.091	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	American robin (Avian omnivore)	0.16	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	Deer mouse (Mammalian omnivore)	0.058	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	Desert cottontail (Mammalian herbivore)	0.83	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	Generic plant (Terrestrial autotroph - producer)	10	mg/kg		
Pesticide	Dieldrin	60-57-1	SOIL	Montane shrew (Mammalian insectivore)	0.03	mg/kg	FINAL	
Pesticide	Dieldrin	60-57-1	SOIL	Red fox (Mammalian top carnivore)	0.4	mg/kg		

Pesticide	Dieldrin	60-57-1	WATER	American kestrel (water)	640	µg/L		
Pesticide	Dieldrin	60-57-1	WATER	American robin (water)	550	µg/L		
Pesticide	Dieldrin	60-57-1	WATER	Aquatic community organisms - water	0.056	µg/L	FINAL	
Pesticide	Dieldrin	60-57-1	WATER	Deer mouse (water)	100	µg/L		
Pesticide	Dieldrin	60-57-1	WATER	Desert cottontail (water)	200	µg/L		
Pesticide	Dieldrin	60-57-1	WATER	Montane shrew (water)	89	µg/L		
Pesticide	Dieldrin	60-57-1	WATER	Occult little brown myotis bat (water)	120	µg/L		
Pesticide	Dieldrin	60-57-1	WATER	Red fox (water)	230	µg/L		
Pesticide	Dieldrin	60-57-1	WATER	Violet-green Swallow (water)	310	µg/L		
Pesticide	Endosulfan	115-29-7	SEDIMENT	Aquatic community organisms - sediment	0.006	mg/kg	FINAL	
Pesticide	Endosulfan	115-29-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.45	mg/kg		
Pesticide	Endosulfan	115-29-7	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	18	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	American kestrel (Avian intermediate carnivore)	88	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	American kestrel (Avian top carnivore)	440	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	American robin (Avian herbivore)	44	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	American robin (Avian insectivore)	13	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	American robin (Avian omnivore)	20	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	Deer mouse (Mammalian omnivore)	0.57	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	Desert cottontail (Mammalian herbivore)	2.9	mg/kg		
Pesticide	Endosulfan	115-29-7	SOIL	Montane shrew (Mammalian insectivore)	0.35	mg/kg	FINAL	
Pesticide	Endosulfan	115-29-7	SOIL	Red fox (Mammalian top carnivore)	14	mg/kg		
Pesticide	Endosulfan	115-29-7	WATER	American kestrel (water)	83000	µg/L		
Pesticide	Endosulfan	115-29-7	WATER	American robin (water)	71000	µg/L		
Pesticide	Endosulfan	115-29-7	WATER	Aquatic community organisms - water	0.056	µg/L	FINAL	
Pesticide	Endosulfan	115-29-7	WATER	Deer mouse (water)	780	µg/L		
Pesticide	Endosulfan	115-29-7	WATER	Desert cottontail (water)	1500	µg/L		
Pesticide	Endosulfan	115-29-7	WATER	Montane shrew (water)	670	µg/L		
Pesticide	Endosulfan	115-29-7	WATER	Occult little brown myotis bat (water)	940	µg/L		
Pesticide	Endosulfan	115-29-7	WATER	Red fox (water)	1700	µg/L		
Pesticide	Endosulfan	115-29-7	WATER	Violet-green Swallow (water)	41000	µg/L		
Pesticide	Endrin	72-20-8	SEDIMENT	Aquatic community organisms - sediment	0.02	mg/kg		
Pesticide	Endrin	72-20-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.25	mg/kg		
Pesticide	Endrin	72-20-8	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.016	mg/kg	FINAL	
Pesticide	Endrin	72-20-8	SOIL	American kestrel (Avian intermediate carnivore)	0.069	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	American kestrel (Avian top carnivore)	0.16	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	American robin (Avian herbivore)	0.085	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	American robin (Avian insectivore)	0.011	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	American robin (Avian omnivore)	0.021	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	Deer mouse (Mammalian omnivore)	0.36	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	Desert cottontail (Mammalian herbivore)	4	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	Generic plant (Terrestrial autotroph - producer)	0.0034	mg/kg	FINAL	
Pesticide	Endrin	72-20-8	SOIL	Montane shrew (Mammalian insectivore)	0.19	mg/kg		
Pesticide	Endrin	72-20-8	SOIL	Red fox (Mammalian top carnivore)	3.3	mg/kg		
Pesticide	Endrin	72-20-8	WATER	American kestrel (water)	83	µg/L		
Pesticide	Endrin	72-20-8	WATER	American robin (water)	71	µg/L		
Pesticide	Endrin	72-20-8	WATER	Aquatic community organisms - water	0.036	µg/L	FINAL	
Pesticide	Endrin	72-20-8	WATER	Deer mouse (water)	480	µg/L		
Pesticide	Endrin	72-20-8	WATER	Desert cottontail (water)	940	µg/L		
Pesticide	Endrin	72-20-8	WATER	Montane shrew (water)	410	µg/L		
Pesticide	Endrin	72-20-8	WATER	Occult little brown myotis bat (water)	570	µg/L		
Pesticide	Endrin	72-20-8	WATER	Red fox (water)	1000	µg/L		
Pesticide	Endrin	72-20-8	WATER	Violet-green Swallow (water)	41	µg/L		
Pesticide	Heptachlor	76-44-8	SEDIMENT	Aquatic community organisms - sediment	0.01	mg/kg	FINAL	
Pesticide	Heptachlor	76-44-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.074	mg/kg		
Pesticide	Heptachlor	76-44-8	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.4	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	American kestrel (Avian intermediate carnivore)	1.2	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	American kestrel (Avian top carnivore)	1.3	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	American robin (Avian herbivore)	14	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	American robin (Avian insectivore)	0.3	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	American robin (Avian omnivore)	0.6	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	Deer mouse (Mammalian omnivore)	0.11	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	Desert cottontail (Mammalian herbivore)	10	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	Generic plant (Terrestrial autotroph - producer)	0.4	mg/kg		
Pesticide	Heptachlor	76-44-8	SOIL	Montane shrew (Mammalian insectivore)	0.059	mg/kg	FINAL	
Pesticide	Heptachlor	76-44-8	SOIL	Red fox (Mammalian top carnivore)	0.33	mg/kg		
Pesticide	Heptachlor	76-44-8	WATER	American kestrel (water)	7600	µg/L		
Pesticide	Heptachlor	76-44-8	WATER	American robin (water)	6500	µg/L		
Pesticide	Heptachlor	76-44-8	WATER	Aquatic community organisms - water	0.029	µg/L	FINAL	
Pesticide	Heptachlor	76-44-8	WATER	Deer mouse (water)	520	µg/L		
Pesticide	Heptachlor	76-44-8	WATER	Desert cottontail (water)	1000	µg/L		
Pesticide	Heptachlor	76-44-8	WATER	Montane shrew (water)	440	µg/L		
Pesticide	Heptachlor	76-44-8	WATER	Occult little brown myotis bat (water)	620	µg/L		
Pesticide	Heptachlor	76-44-8	WATER	Red fox (water)	1100	µg/L		
Pesticide	Heptachlor	76-44-8	WATER	Violet-green Swallow (water)	3800	µg/L		
Pesticide	Kepone	143-50-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.21	mg/kg	FINAL	
Pesticide	Kepone	143-50-0	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	13	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	American kestrel (Avian intermediate carnivore)	54	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	American kestrel (Avian top carnivore)	110	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	American robin (Avian herbivore)	83	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	American robin (Avian insectivore)	9.9	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	American robin (Avian omnivore)	17	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	Deer mouse (Mammalian omnivore)	0.31	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	Desert cottontail (Mammalian herbivore)	4.2	mg/kg		
Pesticide	Kepone	143-50-0	SOIL	Montane shrew (Mammalian insectivore)	0.16	mg/kg	FINAL	
Pesticide	Kepone	143-50-0	SOIL	Red fox (Mammalian top carnivore)	2.3	mg/kg		
Pesticide	Kepone	143-50-0	WATER	American kestrel (water)	70000	µg/L		
Pesticide	Kepone	143-50-0	WATER	American robin (water)	60000	µg/L		
Pesticide	Kepone	143-50-0	WATER	Deer mouse (water)	420	µg/L		

Pesticide	Kepone	143-50-0	WATER	Desert cottontail (water)	820	µg/L		
Pesticide	Kepone	143-50-0	WATER	Montane shrew (water)	350	µg/L	FINAL	
Pesticide	Kepone	143-50-0	WATER	Occult little brown myotis bat (water)	500	µg/L		
Pesticide	Kepone	143-50-0	WATER	Red fox (water)	930	µg/L		
Pesticide	Kepone	143-50-0	WATER	Violet-green Swallow (water)	35000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SEDIMENT	Aquatic community organisms - sediment	0.03	mg/kg	FINAL	
Pesticide	Methoxychlor[4,4'-]	72-43-5	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	10	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	42	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	American kestrel (Avian intermediate carnivore)	170	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	American kestrel (Avian top carnivore)	420	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	American robin (Avian herbivore)	220	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	American robin (Avian insectivore)	30	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	American robin (Avian omnivore)	54	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	Deer mouse (Mammalian omnivore)	15	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	Desert cottontail (Mammalian herbivore)	170	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	Montane shrew (Mammalian insectivore)	8.4	mg/kg	FINAL	
Pesticide	Methoxychlor[4,4'-]	72-43-5	SOIL	Red fox (Mammalian top carnivore)	140	mg/kg		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	American kestrel (water)	210000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	American robin (water)	180000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	Aquatic community organisms - water	0.03	µg/L	FINAL	
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	Deer mouse (water)	21000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	Desert cottontail (water)	41000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	Montane shrew (water)	17000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	Occult little brown myotis bat (water)	25000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	Red fox (water)	46000	µg/L		
Pesticide	Methoxychlor[4,4'-]	72-43-5	WATER	Violet-green Swallow (water)	100000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SEDIMENT	Aquatic community organisms - sediment	0.00051	mg/kg	FINAL	
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	20	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	15	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	American kestrel (Avian intermediate carnivore)	59	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	American kestrel (Avian top carnivore)	100	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	American robin (Avian herbivore)	100	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	American robin (Avian insectivore)	11	mg/kg	FINAL	
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	American robin (Avian omnivore)	20	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	Deer mouse (Mammalian omnivore)	31	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	Desert cottontail (Mammalian herbivore)	490	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	Montane shrew (Mammalian insectivore)	16	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	SOIL	Red fox (Mammalian top carnivore)	180	mg/kg		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	American kestrel (water)	83000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	American robin (water)	71000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	Aquatic community organisms - water	0.0002	µg/L	FINAL	
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	Deer mouse (water)	42000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	Desert cottontail (water)	82000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	Montane shrew (water)	35000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	Occult little brown myotis bat (water)	50000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	Red fox (water)	93000	µg/L		
Pesticide	Toxaphene (Technical Grade)	8001-35-2	WATER	Violet-green Swallow (water)	41000	µg/L		
Polyaromatic Hy	Acenaphthene	83-32-9	SEDIMENT	Aquatic community organisms - sediment	0.62	mg/kg	FINAL	
Polyaromatic Hy	Acenaphthene	83-32-9	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	210	mg/kg		
Polyaromatic Hy	Acenaphthene	83-32-9	SOIL	Deer mouse (Mammalian omnivore)	260	mg/kg		
Polyaromatic Hy	Acenaphthene	83-32-9	SOIL	Desert cottontail (Mammalian herbivore)	1100	mg/kg		
Polyaromatic Hy	Acenaphthene	83-32-9	SOIL	Generic plant (Terrestrial autotroph - producer)	0.25	mg/kg	FINAL	
Polyaromatic Hy	Acenaphthene	83-32-9	SOIL	Montane shrew (Mammalian insectivore)	160	mg/kg		
Polyaromatic Hy	Acenaphthene	83-32-9	SOIL	Red fox (Mammalian top carnivore)	7800	mg/kg		
Polyaromatic Hy	Acenaphthene	83-32-9	WATER	Aquatic community organisms - water	23	µg/L	FINAL	
Polyaromatic Hy	Acenaphthene	83-32-9	WATER	Deer mouse (water)	360000	µg/L		
Polyaromatic Hy	Acenaphthene	83-32-9	WATER	Desert cottontail (water)	720000	µg/L		
Polyaromatic Hy	Acenaphthene	83-32-9	WATER	Montane shrew (water)	310000	µg/L		
Polyaromatic Hy	Acenaphthene	83-32-9	WATER	Occult little brown myotis bat (water)	440000	µg/L		
Polyaromatic Hy	Acenaphthene	83-32-9	WATER	Red fox (water)	810000	µg/L		
Polyaromatic Hy	Acenaphthylene	208-96-8	SEDIMENT	Aquatic community organisms - sediment	0.044	mg/kg	FINAL	
Polyaromatic Hy	Acenaphthylene	208-96-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	210	mg/kg		
Polyaromatic Hy	Acenaphthylene	208-96-8	SOIL	Deer mouse (Mammalian omnivore)	260	mg/kg		
Polyaromatic Hy	Acenaphthylene	208-96-8	SOIL	Desert cottontail (Mammalian herbivore)	1300	mg/kg		
Polyaromatic Hy	Acenaphthylene	208-96-8	SOIL	Montane shrew (Mammalian insectivore)	160	mg/kg	FINAL	
Polyaromatic Hy	Acenaphthylene	208-96-8	SOIL	Red fox (Mammalian top carnivore)	6800	mg/kg		
Polyaromatic Hy	Acenaphthylene	208-96-8	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Acenaphthylene	208-96-8	WATER	Deer mouse (water)	360000	µg/L		
Polyaromatic Hy	Acenaphthylene	208-96-8	WATER	Desert cottontail (water)	720000	µg/L		
Polyaromatic Hy	Acenaphthylene	208-96-8	WATER	Montane shrew (water)	310000	µg/L		
Polyaromatic Hy	Acenaphthylene	208-96-8	WATER	Occult little brown myotis bat (water)	440000	µg/L		
Polyaromatic Hy	Acenaphthylene	208-96-8	WATER	Red fox (water)	810000	µg/L		
Polyaromatic Hy	Anthracene	120-12-7	SEDIMENT	Aquatic community organisms - sediment	0.00039	mg/kg	FINAL	
Polyaromatic Hy	Anthracene	120-12-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	290	mg/kg		
Polyaromatic Hy	Anthracene	120-12-7	SOIL	Deer mouse (Mammalian omnivore)	390	mg/kg		
Polyaromatic Hy	Anthracene	120-12-7	SOIL	Desert cottontail (Mammalian herbivore)	2800	mg/kg		
Polyaromatic Hy	Anthracene	120-12-7	SOIL	Montane shrew (Mammalian insectivore)	220	mg/kg	FINAL	
Polyaromatic Hy	Anthracene	120-12-7	SOIL	Red fox (Mammalian top carnivore)	6100	mg/kg		
Polyaromatic Hy	Anthracene	120-12-7	WATER	Aquatic community organisms - water	0.0013	µg/L	FINAL	
Polyaromatic Hy	Anthracene	120-12-7	WATER	Deer mouse (water)	520000	µg/L		
Polyaromatic Hy	Anthracene	120-12-7	WATER	Desert cottontail (water)	1000000	µg/L		
Polyaromatic Hy	Anthracene	120-12-7	WATER	Montane shrew (water)	440000	µg/L		
Polyaromatic Hy	Anthracene	120-12-7	WATER	Occult little brown myotis bat (water)	620000	µg/L		
Polyaromatic Hy	Anthracene	120-12-7	WATER	Red fox (water)	1100000	µg/L		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	SEDIMENT	Aquatic community organisms - sediment	0.11	mg/kg	FINAL	
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	5.9	mg/kg		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	SOIL	Deer mouse (Mammalian omnivore)	4.9	mg/kg		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	SOIL	Desert cottontail (Mammalian herbivore)	12	mg/kg		

Polyaromatic Hy	Benzo(a)anthracene	56-55-3	SOIL	Generic plant (Terrestrial autotroph - producer)	18	mg/kg		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	SOIL	Montane shrew (Mammalian insectivore)	3	mg/kg	FINAL	
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	SOIL	Red fox (Mammalian top carnivore)	32	mg/kg		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	WATER	Aquatic community organisms - water	0.027	µg/L	FINAL	
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	WATER	Deer mouse (water)	890	µg/L		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	WATER	Desert cottontail (water)	1700	µg/L		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	WATER	Montane shrew (water)	760	µg/L		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	WATER	Occult little brown myotis bat (water)	1000	µg/L		
Polyaromatic Hy	Benzo(a)anthracene	56-55-3	WATER	Red fox (water)	1900	µg/L		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	SEDIMENT	Aquatic community organisms - sediment	0.35	mg/kg	FINAL	
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	14	mg/kg		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	SOIL	Deer mouse (Mammalian omnivore)	18	mg/kg		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	SOIL	Desert cottontail (Mammalian herbivore)	96	mg/kg		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	SOIL	Montane shrew (Mammalian insectivore)	9.6	mg/kg	FINAL	
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	SOIL	Red fox (Mammalian top carnivore)	68	mg/kg		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	WATER	Aquatic community organisms - water	0.014	µg/L	FINAL	
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	WATER	Deer mouse (water)	5200	µg/L		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	WATER	Desert cottontail (water)	10000	µg/L		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	WATER	Montane shrew (water)	4400	µg/L		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	WATER	Occult little brown myotis bat (water)	6200	µg/L		
Polyaromatic Hy	Benzo(a)pyrene	50-32-8	WATER	Red fox (water)	11000	µg/L		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	SEDIMENT	Aquatic community organisms - sediment	0.24	mg/kg	FINAL	
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	59	mg/kg		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	SOIL	Deer mouse (Mammalian omnivore)	74	mg/kg		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	SOIL	Desert cottontail (Mammalian herbivore)	410	mg/kg		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	SOIL	Generic plant (Terrestrial autotroph - producer)	18	mg/kg	FINAL	
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	SOIL	Montane shrew (Mammalian insectivore)	38	mg/kg		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	SOIL	Red fox (Mammalian top carnivore)	250	mg/kg		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	WATER	Deer mouse (water)	21000	µg/L		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	WATER	Desert cottontail (water)	41000	µg/L		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	WATER	Montane shrew (water)	17000	µg/L		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	WATER	Occult little brown myotis bat (water)	25000	µg/L		
Polyaromatic Hy	Benzo(b)fluoranthene	205-99-2	WATER	Red fox (water)	46000	µg/L		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	SEDIMENT	Aquatic community organisms - sediment	0.29	mg/kg	FINAL	
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	16	mg/kg		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	SOIL	Deer mouse (Mammalian omnivore)	25	mg/kg		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	SOIL	Desert cottontail (Mammalian herbivore)	1000	mg/kg		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	SOIL	Montane shrew (Mammalian insectivore)	12	mg/kg	FINAL	
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	SOIL	Red fox (Mammalian top carnivore)	47	mg/kg		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	WATER	Deer mouse (water)	37000	µg/L		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	WATER	Desert cottontail (water)	74000	µg/L		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	WATER	Montane shrew (water)	32000	µg/L		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	WATER	Occult little brown myotis bat (water)	45000	µg/L		
Polyaromatic Hy	Benzo(g,h,i)perylene	191-24-2	WATER	Red fox (water)	83000	µg/L		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	SEDIMENT	Aquatic community organisms - sediment	0.24	mg/kg	FINAL	
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	93	mg/kg		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	SOIL	Deer mouse (Mammalian omnivore)	120	mg/kg		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	SOIL	Desert cottontail (Mammalian herbivore)	740	mg/kg		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	SOIL	Montane shrew (Mammalian insectivore)	62	mg/kg	FINAL	
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	SOIL	Red fox (Mammalian top carnivore)	400	mg/kg		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	WATER	Deer mouse (water)	37000	µg/L		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	WATER	Desert cottontail (water)	74000	µg/L		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	WATER	Montane shrew (water)	32000	µg/L		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	WATER	Occult little brown myotis bat (water)	45000	µg/L		
Polyaromatic Hy	Benzo(k)fluoranthene	207-08-9	WATER	Red fox (water)	83000	µg/L		
Polyaromatic Hy	Chrysene	218-01-9	SEDIMENT	Aquatic community organisms - sediment	0.5	mg/kg	FINAL	
Polyaromatic Hy	Chrysene	218-01-9	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	4.4	mg/kg		
Polyaromatic Hy	Chrysene	218-01-9	SOIL	Deer mouse (Mammalian omnivore)	4.1	mg/kg		
Polyaromatic Hy	Chrysene	218-01-9	SOIL	Desert cottontail (Mammalian herbivore)	12	mg/kg		
Polyaromatic Hy	Chrysene	218-01-9	SOIL	Montane shrew (Mammalian insectivore)	2.4	mg/kg	FINAL	
Polyaromatic Hy	Chrysene	218-01-9	SOIL	Red fox (Mammalian top carnivore)	25	mg/kg		
Polyaromatic Hy	Chrysene	218-01-9	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Chrysene	218-01-9	WATER	Deer mouse (water)	890	µg/L		
Polyaromatic Hy	Chrysene	218-01-9	WATER	Desert cottontail (water)	1700	µg/L		
Polyaromatic Hy	Chrysene	218-01-9	WATER	Montane shrew (water)	760	µg/L		
Polyaromatic Hy	Chrysene	218-01-9	WATER	Occult little brown myotis bat (water)	1000	µg/L		
Polyaromatic Hy	Chrysene	218-01-9	WATER	Red fox (water)	1900	µg/L		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	SEDIMENT	Aquatic community organisms - sediment	0.015	mg/kg	FINAL	
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	19	mg/kg		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	SOIL	Deer mouse (Mammalian omnivore)	26	mg/kg		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	SOIL	Desert cottontail (Mammalian herbivore)	180	mg/kg		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	SOIL	Montane shrew (Mammalian insectivore)	12	mg/kg	FINAL	
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	SOIL	Red fox (Mammalian top carnivore)	54	mg/kg		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	WATER	Deer mouse (water)	7000	µg/L		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	WATER	Desert cottontail (water)	13000	µg/L		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	WATER	Montane shrew (water)	5900	µg/L		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	WATER	Occult little brown myotis bat (water)	8300	µg/L		
Polyaromatic Hy	Dibenzo(a,h)anthracene	53-70-3	WATER	Red fox (water)	15000	µg/L		
Polyaromatic Hy	Fluoranthene	206-44-0	SEDIMENT	Aquatic community organisms - sediment	2.9	mg/kg	FINAL	
Polyaromatic Hy	Fluoranthene	206-44-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	34	mg/kg		
Polyaromatic Hy	Fluoranthene	206-44-0	SOIL	Deer mouse (Mammalian omnivore)	49	mg/kg		
Polyaromatic Hy	Fluoranthene	206-44-0	SOIL	Desert cottontail (Mammalian herbivore)	570	mg/kg		
Polyaromatic Hy	Fluoranthene	206-44-0	SOIL	Montane shrew (Mammalian insectivore)	26	mg/kg	FINAL	
Polyaromatic Hy	Fluoranthene	206-44-0	SOIL	Red fox (Mammalian top carnivore)	430	mg/kg		

Polyaromatic Hy	Fluoranthene	206-44-0	WATER	Aquatic community organisms - water	6.1	µg/L	FINAL	
Polyaromatic Hy	Fluoranthene	206-44-0	WATER	Deer mouse (water)	65000	µg/L		
Polyaromatic Hy	Fluoranthene	206-44-0	WATER	Desert cottontail (water)	120000	µg/L		
Polyaromatic Hy	Fluoranthene	206-44-0	WATER	Montane shrew (water)	56000	µg/L		
Polyaromatic Hy	Fluoranthene	206-44-0	WATER	Occult little brown myotis bat (water)	78000	µg/L		
Polyaromatic Hy	Fluoranthene	206-44-0	WATER	Red fox (water)	140000	µg/L		
Polyaromatic Hy	Fluorene	86-73-7	SEDIMENT	Aquatic community organisms - sediment	0.54	mg/kg	FINAL	
Polyaromatic Hy	Fluorene	86-73-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	370	mg/kg		
Polyaromatic Hy	Fluorene	86-73-7	SOIL	Deer mouse (Mammalian omnivore)	480	mg/kg		
Polyaromatic Hy	Fluorene	86-73-7	SOIL	Desert cottontail (Mammalian herbivore)	2700	mg/kg		
Polyaromatic Hy	Fluorene	86-73-7	SOIL	Earthworm (Soil-dwelling invertebrate)	1.7	mg/kg	FINAL	
Polyaromatic Hy	Fluorene	86-73-7	SOIL	Montane shrew (Mammalian insectivore)	290	mg/kg		
Polyaromatic Hy	Fluorene	86-73-7	SOIL	Red fox (Mammalian top carnivore)	10000	mg/kg		
Polyaromatic Hy	Fluorene	86-73-7	WATER	Aquatic community organisms - water	3.9	µg/L	FINAL	
Polyaromatic Hy	Fluorene	86-73-7	WATER	Deer mouse (water)	650000	µg/L		
Polyaromatic Hy	Fluorene	86-73-7	WATER	Desert cottontail (water)	1200000	µg/L		
Polyaromatic Hy	Fluorene	86-73-7	WATER	Montane shrew (water)	560000	µg/L		
Polyaromatic Hy	Fluorene	86-73-7	WATER	Occult little brown myotis bat (water)	780000	µg/L		
Polyaromatic Hy	Fluorene	86-73-7	WATER	Red fox (water)	1400000	µg/L		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	SEDIMENT	Aquatic community organisms - sediment	0.078	mg/kg	FINAL	
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	93	mg/kg		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	SOIL	Deer mouse (Mammalian omnivore)	120	mg/kg		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	SOIL	Desert cottontail (Mammalian herbivore)	990	mg/kg		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	SOIL	Montane shrew (Mammalian insectivore)	62	mg/kg	FINAL	
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	SOIL	Red fox (Mammalian top carnivore)	270	mg/kg		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	WATER	Deer mouse (water)	37000	µg/L		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	WATER	Desert cottontail (water)	74000	µg/L		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	WATER	Montane shrew (water)	32000	µg/L		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	WATER	Occult little brown myotis bat (water)	45000	µg/L		
Polyaromatic Hy	Indeno(1,2,3-cd)pyrene	193-39-5	WATER	Red fox (water)	83000	µg/L		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	SEDIMENT	Aquatic community organisms - sediment	0.18	mg/kg	FINAL	
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	7.7	mg/kg		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	SOIL	Deer mouse (Mammalian omnivore)	9.2	mg/kg		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	SOIL	Desert cottontail (Mammalian herbivore)	39	mg/kg		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	SOIL	Montane shrew (Mammalian insectivore)	5.9	mg/kg	FINAL	
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	SOIL	Red fox (Mammalian top carnivore)	290	mg/kg		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	WATER	Aquatic community organisms - water	2	µg/L	FINAL	
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	WATER	Deer mouse (water)	12000	µg/L		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	WATER	Desert cottontail (water)	25000	µg/L		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	WATER	Montane shrew (water)	10000	µg/L		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	WATER	Occult little brown myotis bat (water)	15000	µg/L		
Polyaromatic Hy	Methylnaphthalene[2-]	91-57-6	WATER	Red fox (water)	28000	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	SEDIMENT	Aquatic community organisms - sediment	0.47	mg/kg	FINAL	
Polyaromatic Hy	Naphthalene	91-20-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1.6	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	310	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	American kestrel (Avian intermediate carnivore)	1600	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	American kestrel (Avian top carnivore)	14000	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	American robin (Avian herbivore)	390	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	American robin (Avian insectivore)	230	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	American robin (Avian omnivore)	290	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	Deer mouse (Mammalian omnivore)	1.7	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	Desert cottontail (Mammalian herbivore)	5.2	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	Montane shrew (Mammalian insectivore)	1.2	mg/kg	FINAL	
Polyaromatic Hy	Naphthalene	91-20-3	SOIL	Red fox (Mammalian top carnivore)	91	mg/kg		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	American kestrel (water)	110	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	American robin (water)	99	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	Aquatic community organisms - water	23	µg/L	FINAL	
Polyaromatic Hy	Naphthalene	91-20-3	WATER	Deer mouse (water)	2600	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	Desert cottontail (water)	5100	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	Montane shrew (water)	2200	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	Occult little brown myotis bat (water)	3100	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	Red fox (water)	5800	µg/L		
Polyaromatic Hy	Naphthalene	91-20-3	WATER	Violet-green Swallow (water)	57	µg/L		
Polyaromatic Hy	Phenanthrene	85-01-8	SEDIMENT	Aquatic community organisms - sediment	0.85	mg/kg	FINAL	
Polyaromatic Hy	Phenanthrene	85-01-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	14	mg/kg		
Polyaromatic Hy	Phenanthrene	85-01-8	SOIL	Deer mouse (Mammalian omnivore)	20	mg/kg		
Polyaromatic Hy	Phenanthrene	85-01-8	SOIL	Desert cottontail (Mammalian herbivore)	140	mg/kg		
Polyaromatic Hy	Phenanthrene	85-01-8	SOIL	Montane shrew (Mammalian insectivore)	11	mg/kg	FINAL	
Polyaromatic Hy	Phenanthrene	85-01-8	SOIL	Red fox (Mammalian top carnivore)	310	mg/kg		
Polyaromatic Hy	Phenanthrene	85-01-8	WATER	Aquatic community organisms - water	6.3	µg/L	FINAL	
Polyaromatic Hy	Phenanthrene	85-01-8	WATER	Deer mouse (water)	27000	µg/L		
Polyaromatic Hy	Phenanthrene	85-01-8	WATER	Desert cottontail (water)	52000	µg/L		
Polyaromatic Hy	Phenanthrene	85-01-8	WATER	Montane shrew (water)	23000	µg/L		
Polyaromatic Hy	Phenanthrene	85-01-8	WATER	Occult little brown myotis bat (water)	32000	µg/L		
Polyaromatic Hy	Phenanthrene	85-01-8	WATER	Red fox (water)	59000	µg/L		
Polyaromatic Hy	Pyrene	129-00-0	SEDIMENT	Aquatic community organisms - sediment	0.57	mg/kg	FINAL	
Polyaromatic Hy	Pyrene	129-00-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	20	mg/kg		
Polyaromatic Hy	Pyrene	129-00-0	SOIL	Deer mouse (Mammalian omnivore)	29	mg/kg		
Polyaromatic Hy	Pyrene	129-00-0	SOIL	Desert cottontail (Mammalian herbivore)	340	mg/kg		
Polyaromatic Hy	Pyrene	129-00-0	SOIL	Montane shrew (Mammalian insectivore)	15	mg/kg	FINAL	
Polyaromatic Hy	Pyrene	129-00-0	SOIL	Red fox (Mammalian top carnivore)	260	mg/kg		
Polyaromatic Hy	Pyrene	129-00-0	WATER	Aquatic community organisms - water	30	µg/L	FINAL	
Polyaromatic Hy	Pyrene	129-00-0	WATER	Deer mouse (water)	39000	µg/L		
Polyaromatic Hy	Pyrene	129-00-0	WATER	Desert cottontail (water)	77000	µg/L		
Polyaromatic Hy	Pyrene	129-00-0	WATER	Montane shrew (water)	33000	µg/L		
Polyaromatic Hy	Pyrene	129-00-0	WATER	Occult little brown myotis bat (water)	47000	µg/L		
Polyaromatic Hy	Pyrene	129-00-0	WATER	Red fox (water)	87000	µg/L		

Polychlorinated I	Aroclor-1016	12674-11-2	SEDIMENT	Aquatic community organisms - sediment	0.01	mg/kg	FINAL	
Polychlorinated I	Aroclor-1016	12674-11-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1.3	mg/kg		
Polychlorinated I	Aroclor-1016	12674-11-2	SOIL	Deer mouse (Mammalian omnivore)	2	mg/kg		
Polychlorinated I	Aroclor-1016	12674-11-2	SOIL	Desert cottontail (Mammalian herbivore)	29	mg/kg		
Polychlorinated I	Aroclor-1016	12674-11-2	SOIL	Montane shrew (Mammalian insectivore)	1	mg/kg	FINAL	
Polychlorinated I	Aroclor-1016	12674-11-2	SOIL	Red fox (Mammalian top carnivore)	46	mg/kg		
Polychlorinated I	Aroclor-1016	12674-11-2	WATER	Aquatic community organisms - water	0.014	µg/L	FINAL	
Polychlorinated I	Aroclor-1016	12674-11-2	WATER	Deer mouse (water)	180	µg/L		
Polychlorinated I	Aroclor-1016	12674-11-2	WATER	Desert cottontail (water)	360	µg/L		
Polychlorinated I	Aroclor-1016	12674-11-2	WATER	Montane shrew (water)	150	µg/L		
Polychlorinated I	Aroclor-1016	12674-11-2	WATER	Occult little brown myotis bat (water)	220	µg/L		
Polychlorinated I	Aroclor-1016	12674-11-2	WATER	Red fox (water)	400	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	SEDIMENT	Aquatic community organisms - sediment	0.031	mg/kg	FINAL	
Polychlorinated I	Aroclor-1242	53469-21-9	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.48	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.054	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	American kestrel (Avian intermediate carnivore)	0.26	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	American kestrel (Avian top carnivore)	1.4	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	American robin (Avian herbivore)	0.44	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	American robin (Avian insectivore)	0.041	mg/kg	FINAL	
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	American robin (Avian omnivore)	0.075	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	Deer mouse (Mammalian omnivore)	0.72	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	Desert cottontail (Mammalian herbivore)	10	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	Montane shrew (Mammalian insectivore)	0.38	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	SOIL	Red fox (Mammalian top carnivore)	16	mg/kg		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	American kestrel (water)	830	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	American robin (water)	710	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	Aquatic community organisms - water	0.06	µg/L	FINAL	
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	Deer mouse (water)	490	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	Desert cottontail (water)	960	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	Montane shrew (water)	420	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	Occult little brown myotis bat (water)	590	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	Red fox (water)	1000	µg/L		
Polychlorinated I	Aroclor-1242	53469-21-9	WATER	Violet-green Swallow (water)	410	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	SEDIMENT	Aquatic community organisms - sediment	0.031	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.009	mg/kg	FINAL	
Polychlorinated I	Aroclor-1248	12672-29-6	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.054	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	American kestrel (Avian intermediate carnivore)	0.2	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	American kestrel (Avian top carnivore)	0.34	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	American robin (Avian herbivore)	1.1	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	American robin (Avian insectivore)	0.041	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	American robin (Avian omnivore)	0.079	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	Deer mouse (Mammalian omnivore)	0.014	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	Desert cottontail (Mammalian herbivore)	0.65	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	Montane shrew (Mammalian insectivore)	0.0072	mg/kg	FINAL	
Polychlorinated I	Aroclor-1248	12672-29-6	SOIL	Red fox (Mammalian top carnivore)	0.075	mg/kg		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	American kestrel (water)	830	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	American robin (water)	710	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	Aquatic community organisms - water	0.01	µg/L	FINAL	
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	Deer mouse (water)	52	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	Desert cottontail (water)	100	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	Montane shrew (water)	44	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	Occult little brown myotis bat (water)	62	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	Red fox (water)	110	µg/L		
Polychlorinated I	Aroclor-1248	12672-29-6	WATER	Violet-green Swallow (water)	410	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	SEDIMENT	Aquatic community organisms - sediment	0.031	mg/kg	FINAL	
Polychlorinated I	Aroclor-1254	11097-69-1	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.56	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.054	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	American kestrel (Avian intermediate carnivore)	0.17	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	American kestrel (Avian top carnivore)	0.22	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	American robin (Avian herbivore)	1.4	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	American robin (Avian insectivore)	0.041	mg/kg	FINAL	
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	American robin (Avian omnivore)	0.08	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	Deer mouse (Mammalian omnivore)	0.88	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	Desert cottontail (Mammalian herbivore)	56	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	Generic plant (Terrestrial autotroph - producer)	160	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	Montane shrew (Mammalian insectivore)	0.44	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	SOIL	Red fox (Mammalian top carnivore)	0.15	mg/kg		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	American kestrel (water)	830	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	American robin (water)	710	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	Aquatic community organisms - water	0.02	µg/L	FINAL	
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	Deer mouse (water)	160	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	Desert cottontail (water)	310	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	Montane shrew (water)	130	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	Occult little brown myotis bat (water)	190	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	Red fox (water)	360	µg/L		
Polychlorinated I	Aroclor-1254	11097-69-1	WATER	Violet-green Swallow (water)	410	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	SEDIMENT	Aquatic community organisms - sediment	0.031	mg/kg	FINAL	
Polychlorinated I	Aroclor-1260	11096-82-5	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	12	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	1.1	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	American kestrel (Avian intermediate carnivore)	3.7	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	American kestrel (Avian top carnivore)	4.6	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	American robin (Avian herbivore)	31	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	American robin (Avian insectivore)	0.88	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	American robin (Avian omnivore)	1.7	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	Deer mouse (Mammalian omnivore)	20	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	Desert cottontail (Mammalian herbivore)	1300	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	Montane shrew (Mammalian insectivore)	10	mg/kg		
Polychlorinated I	Aroclor-1260	11096-82-5	SOIL	Red fox (Mammalian top carnivore)	0.14	mg/kg	FINAL	

Polychlorinated I	Aroclor-1260	11096-82-5	WATER	American kestrel (water)	8900	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	American robin (water)	7600	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	Aquatic community organisms - water	10	µg/L	FINAL	
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	Deer mouse (water)	160	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	Desert cottontail (water)	310	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	Montane shrew (water)	130	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	Occult little brown myotis bat (water)	190	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	Red fox (water)	360	µg/L		
Polychlorinated I	Aroclor-1260	11096-82-5	WATER	Violet-green Swallow (water)	4400	µg/L		
Radionuclide	Americium-241	AM-241	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	66000	pCi/g		
Radionuclide	Americium-241	AM-241	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	66000	pCi/g		
Radionuclide	Americium-241	AM-241	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	66000	pCi/g		
Radionuclide	Americium-241	AM-241	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	66000	pCi/g		
Radionuclide	Americium-241	AM-241	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	260	pCi/g		
Radionuclide	Americium-241	AM-241	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	220	pCi/g	FINAL	
Radionuclide	Americium-241	AM-241	SOIL	American kestrel (Avian intermediate carnivore)	35000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	American kestrel (Avian top carnivore)	62000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	American robin (Avian herbivore)	13000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	American robin (Avian insectivore)	4000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	American robin (Avian omnivore)	4000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	Deer mouse (Mammalian omnivore)	32000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	Desert cottontail (Mammalian herbivore)	32000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	Earthworm (Soil-dwelling invertebrate)	44	pCi/g	FINAL	
Radionuclide	Americium-241	AM-241	SOIL	Generic plant (Terrestrial autotroph - producer)	21000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	Montane shrew (Mammalian insectivore)	31000	pCi/g		
Radionuclide	Americium-241	AM-241	SOIL	Red fox (Mammalian top carnivore)	26000	pCi/g		
Radionuclide	Americium-241	AM-241	WATER	Algae (Aquatic autotroph - producer) - water	5.8	pCi/L	FINAL	
Radionuclide	Americium-241	AM-241	WATER	American kestrel (water)	76000000	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	American robin (water)	75000000	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	170	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	170	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Deer mouse (water)	1300000000	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Desert cottontail (water)	91000000	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Fish (Aquatic intermediate carnivore) - water	170	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Montane shrew (water)	780000000	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Occult little brown myotis bat (water)	170000000	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Red fox (water)	5700000	pCi/L		
Radionuclide	Americium-241	AM-241	WATER	Violet-green Swallow (water)	180000000	pCi/L		
Radionuclide	Cesium-134	CS-134	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	2200	pCi/g		
Radionuclide	Cesium-134	CS-134	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	2200	pCi/g		
Radionuclide	Cesium-134	CS-134	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	2200	pCi/g		
Radionuclide	Cesium-134	CS-134	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	2200	pCi/g		
Radionuclide	Cesium-134	CS-134	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1400	pCi/g		
Radionuclide	Cesium-134	CS-134	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	330	pCi/g	FINAL	
Radionuclide	Cesium-134	CS-134	SOIL	American kestrel (Avian intermediate carnivore)	1700	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	American kestrel (Avian top carnivore)	1300	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	American robin (Avian herbivore)	1900	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	American robin (Avian insectivore)	1700	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	American robin (Avian omnivore)	1700	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	Deer mouse (Mammalian omnivore)	1100	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	Desert cottontail (Mammalian herbivore)	1000	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	Earthworm (Soil-dwelling invertebrate)	770	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	Generic plant (Terrestrial autotroph - producer)	1100	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	Montane shrew (Mammalian insectivore)	1100	pCi/g		
Radionuclide	Cesium-134	CS-134	SOIL	Red fox (Mammalian top carnivore)	320	pCi/g	FINAL	
Radionuclide	Cesium-134	CS-134	WATER	Algae (Aquatic autotroph - producer) - water	1900	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	American kestrel (water)	140000000	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	American robin (water)	140000000	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	9400	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	9400	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Deer mouse (water)	330000000	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Desert cottontail (water)	27000000	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Fish (Aquatic intermediate carnivore) - water	470	pCi/L	FINAL	
Radionuclide	Cesium-134	CS-134	WATER	Montane shrew (water)	300000000	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Occult little brown myotis bat (water)	990000000	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Red fox (water)	7500000	pCi/L		
Radionuclide	Cesium-134	CS-134	WATER	Violet-green Swallow (water)	270000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	5000	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	5000	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	5000	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	5000	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	3200	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	720	pCi/g	FINAL	
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	American kestrel (Avian intermediate carnivore)	3700	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	American kestrel (Avian top carnivore)	2900	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	American robin (Avian herbivore)	4200	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	American robin (Avian insectivore)	3800	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	American robin (Avian omnivore)	3700	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Deer mouse (Mammalian omnivore)	2400	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Desert cottontail (Mammalian herbivore)	2300	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Earthworm (Soil-dwelling invertebrate)	1700	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Generic plant (Terrestrial autotroph - producer)	2300	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Montane shrew (Mammalian insectivore)	2400	pCi/g		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	SOIL	Red fox (Mammalian top carnivore)	680	pCi/g	FINAL	
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Algae (Aquatic autotroph - producer) - water	4600	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	American kestrel (water)	310000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	American robin (water)	310000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	23000	pCi/L		

Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	23000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Deer mouse (water)	730000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Desert cottontail (water)	59000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Fish (Aquatic intermediate carnivore) - water	1100	pCi/L	FINAL	
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Montane shrew (water)	650000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Occult little brown myotis bat (water)	2100000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Red fox (water)	16000000	pCi/L		
Radionuclide	Cesium-137 + Barium-137	CS-137/ BA-137	WATER	Violet-green Swallow (water)	580000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	1400	pCi/g		
Radionuclide	Cobalt-60	CO-60	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	1400	pCi/g		
Radionuclide	Cobalt-60	CO-60	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	1400	pCi/g		
Radionuclide	Cobalt-60	CO-60	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	1400	pCi/g		
Radionuclide	Cobalt-60	CO-60	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	960	pCi/g		
Radionuclide	Cobalt-60	CO-60	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	210	pCi/g	FINAL	
Radionuclide	Cobalt-60	CO-60	SOIL	American kestrel (Avian intermediate carnivore)	1500	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	American kestrel (Avian top carnivore)	1500	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	American robin (Avian herbivore)	1500	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	American robin (Avian insectivore)	1500	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	American robin (Avian omnivore)	1500	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	Deer mouse (Mammalian omnivore)	760	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	Desert cottontail (Mammalian herbivore)	760	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	Earthworm (Soil-dwelling invertebrate)	550	pCi/g	FINAL	
Radionuclide	Cobalt-60	CO-60	SOIL	Generic plant (Terrestrial autotroph - producer)	750	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	Montane shrew (Mammalian insectivore)	760	pCi/g		
Radionuclide	Cobalt-60	CO-60	SOIL	Red fox (Mammalian top carnivore)	700	pCi/g		
Radionuclide	Cobalt-60	CO-60	WATER	Algae (Aquatic autotroph - producer) - water	760	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	American kestrel (water)	1900000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	American robin (water)	1800000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	380	pCi/L	FINAL	
Radionuclide	Cobalt-60	CO-60	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	380	pCi/L	FINAL	
Radionuclide	Cobalt-60	CO-60	WATER	Deer mouse (water)	3900000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	Desert cottontail (water)	330000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	Fish (Aquatic intermediate carnivore) - water	2300	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	Montane shrew (water)	3700000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	Occult little brown myotis bat (water)	12000000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	Red fox (water)	97000000	pCi/L		
Radionuclide	Cobalt-60	CO-60	WATER	Violet-green Swallow (water)	3400000000	pCi/L		
Radionuclide	Europium-152	EU-152	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	1000	pCi/g		
Radionuclide	Europium-152	EU-152	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	1000	pCi/g		
Radionuclide	Europium-152	EU-152	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	1000	pCi/g		
Radionuclide	Europium-152	EU-152	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	1000	pCi/g		
Radionuclide	Europium-152	EU-152	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	74	pCi/g		
Radionuclide	Europium-152	EU-152	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	17	pCi/g	FINAL	
Radionuclide	Europium-152	EU-152	SOIL	American kestrel (Avian intermediate carnivore)	1000	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	American kestrel (Avian top carnivore)	1000	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	American robin (Avian herbivore)	1000	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	American robin (Avian insectivore)	970	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	American robin (Avian omnivore)	970	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	Deer mouse (Mammalian omnivore)	530	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	Desert cottontail (Mammalian herbivore)	530	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	Earthworm (Soil-dwelling invertebrate)	380	pCi/g	FINAL	
Radionuclide	Europium-152	EU-152	SOIL	Generic plant (Terrestrial autotroph - producer)	520	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	Montane shrew (Mammalian insectivore)	520	pCi/g		
Radionuclide	Europium-152	EU-152	SOIL	Red fox (Mammalian top carnivore)	500	pCi/g		
Radionuclide	Europium-152	EU-152	WATER	Algae (Aquatic autotroph - producer) - water	100	pCi/L	FINAL	
Radionuclide	Europium-152	EU-152	WATER	American kestrel (water)	220000000	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	American robin (water)	220000000	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	170	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	170	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Deer mouse (water)	1200000000	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Desert cottontail (water)	90000000	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Fish (Aquatic intermediate carnivore) - water	1700	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Montane shrew (water)	830000000	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Occult little brown myotis bat (water)	1400000000	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Red fox (water)	12000000	pCi/L		
Radionuclide	Europium-152	EU-152	WATER	Violet-green Swallow (water)	420000000	pCi/L		
Radionuclide	Lead-210	PB-210	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	9000	pCi/g		
Radionuclide	Lead-210	PB-210	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	9000	pCi/g		
Radionuclide	Lead-210	PB-210	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	9000	pCi/g		
Radionuclide	Lead-210	PB-210	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	9000	pCi/g		
Radionuclide	Lead-210	PB-210	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2500	pCi/g		
Radionuclide	Lead-210	PB-210	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	740	pCi/g	FINAL	
Radionuclide	Lead-210	PB-210	SOIL	American kestrel (Avian intermediate carnivore)	9000	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	American kestrel (Avian top carnivore)	9000	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	American robin (Avian herbivore)	7600	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	American robin (Avian insectivore)	7900	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	American robin (Avian omnivore)	7500	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	Deer mouse (Mammalian omnivore)	4500	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	Desert cottontail (Mammalian herbivore)	4500	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	Earthworm (Soil-dwelling invertebrate)	2800	pCi/g	FINAL	
Radionuclide	Lead-210	PB-210	SOIL	Generic plant (Terrestrial autotroph - producer)	4200	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	Montane shrew (Mammalian insectivore)	4500	pCi/g		
Radionuclide	Lead-210	PB-210	SOIL	Red fox (Mammalian top carnivore)	4400	pCi/g		
Radionuclide	Lead-210	PB-210	WATER	Algae (Aquatic autotroph - producer) - water	250	pCi/L	FINAL	
Radionuclide	Lead-210	PB-210	WATER	American kestrel (water)	290000000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	American robin (water)	280000000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	1000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	1000	pCi/L		

Radionuclide	Lead-210	PB-210	WATER	Deer mouse (water)	2700000000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	Desert cottontail (water)	190000000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	Fish (Aquatic intermediate carnivore) - water	250	pCi/L	FINAL	
Radionuclide	Lead-210	PB-210	WATER	Montane shrew (water)	1600000000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	Occult little brown myotis bat (water)	1600000000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	Red fox (water)	17000000	pCi/L		
Radionuclide	Lead-210	PB-210	WATER	Violet-green Swallow (water)	590000000	pCi/L		
Radionuclide	Neptunium-237	NP-237	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	7600	pCi/g		
Radionuclide	Neptunium-237	NP-237	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	7600	pCi/g		
Radionuclide	Neptunium-237	NP-237	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	7600	pCi/g		
Radionuclide	Neptunium-237	NP-237	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	7600	pCi/g		
Radionuclide	Neptunium-237	NP-237	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	13	pCi/g		
Radionuclide	Neptunium-237	NP-237	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	12	pCi/g	FINAL	
Radionuclide	Neptunium-237	NP-237	SOIL	American kestrel (Avian intermediate carnivore)	1900	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	American kestrel (Avian top carnivore)	2000	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	American robin (Avian herbivore)	750	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	American robin (Avian insectivore)	220	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	American robin (Avian omnivore)	220	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	Deer mouse (Mammalian omnivore)	3300	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	Desert cottontail (Mammalian herbivore)	3300	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	Earthworm (Soil-dwelling invertebrate)	50	pCi/g	FINAL	
Radionuclide	Neptunium-237	NP-237	SOIL	Generic plant (Terrestrial autotroph - producer)	2700	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	Montane shrew (Mammalian insectivore)	3200	pCi/g		
Radionuclide	Neptunium-237	NP-237	SOIL	Red fox (Mammalian top carnivore)	470	pCi/g		
Radionuclide	Neptunium-237	NP-237	WATER	Algae (Aquatic autotroph - producer) - water	65	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	American kestrel (water)	4100000	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	American robin (water)	4000000	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	650	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	650	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Deer mouse (water)	75000000	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Desert cottontail (water)	5100000	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Fish (Aquatic intermediate carnivore) - water	7.9	pCi/L	FINAL	
Radionuclide	Neptunium-237	NP-237	WATER	Montane shrew (water)	43000000	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Occult little brown myotis bat (water)	8900000	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Red fox (water)	310000	pCi/L		
Radionuclide	Neptunium-237	NP-237	WATER	Violet-green Swallow (water)	9900000	pCi/L		
Radionuclide	Plutonium-238	PU-238	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	400000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	400000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	400000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	400000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	120	pCi/g		
Radionuclide	Plutonium-238	PU-238	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	110	pCi/g	FINAL	
Radionuclide	Plutonium-238	PU-238	SOIL	American kestrel (Avian intermediate carnivore)	32000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	American kestrel (Avian top carnivore)	130000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	American robin (Avian herbivore)	8300	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	American robin (Avian insectivore)	2000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	American robin (Avian omnivore)	2100	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	Deer mouse (Mammalian omnivore)	110000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	Desert cottontail (Mammalian herbivore)	120000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	Earthworm (Soil-dwelling invertebrate)	44	pCi/g	FINAL	
Radionuclide	Plutonium-238	PU-238	SOIL	Generic plant (Terrestrial autotroph - producer)	110000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	Montane shrew (Mammalian insectivore)	92000	pCi/g		
Radionuclide	Plutonium-238	PU-238	SOIL	Red fox (Mammalian top carnivore)	30000	pCi/g		
Radionuclide	Plutonium-238	PU-238	WATER	Algae (Aquatic autotroph - producer) - water	19	pCi/L	FINAL	
Radionuclide	Plutonium-238	PU-238	WATER	American kestrel (water)	37000000	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	American robin (water)	37000000	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	170	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	170	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Deer mouse (water)	660000000	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Desert cottontail (water)	45000000	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Fish (Aquatic intermediate carnivore) - water	69	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Montane shrew (water)	380000000	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Occult little brown myotis bat (water)	85000000	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Red fox (water)	2800000	pCi/L		
Radionuclide	Plutonium-238	PU-238	WATER	Violet-green Swallow (water)	89000000	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	710000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	710000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	710000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	710000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	120	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	110	pCi/g	FINAL	
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	American kestrel (Avian intermediate carnivore)	34000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	American kestrel (Avian top carnivore)	160000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	American robin (Avian herbivore)	8600	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	American robin (Avian insectivore)	2100	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	American robin (Avian omnivore)	2100	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	Deer mouse (Mammalian omnivore)	150000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	Desert cottontail (Mammalian herbivore)	170000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	Earthworm (Soil-dwelling invertebrate)	47	pCi/g	FINAL	
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	Generic plant (Terrestrial autotroph - producer)	160000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	Montane shrew (Mammalian insectivore)	110000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	SOIL	Red fox (Mammalian top carnivore)	33000	pCi/g		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Algae (Aquatic autotroph - producer) - water	20	pCi/L	FINAL	
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	American kestrel (water)	38000000	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	American robin (water)	37000000	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	180	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	180	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Deer mouse (water)	700000000	pCi/L		

Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Desert cottontail (water)	48000000	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Fish (Aquatic intermediate carnivore) - water	74	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Montane shrew (water)	400000000	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Occult little brown myotis bat (water)	81000000	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Red fox (water)	2900000	pCi/L		
Radionuclide	Plutonium-239, 240	PU-239/240	WATER	Violet-green Swallow (water)	92000000	pCi/L		
Radionuclide	Plutonium-241	PU-241	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	760000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	760000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	760000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	760000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1200000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	280000	pCi/g	FINAL	
Radionuclide	Plutonium-241	PU-241	SOIL	American kestrel (Avian intermediate carnivore)	730000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	American kestrel (Avian top carnivore)	730000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	American robin (Avian herbivore)	720000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	American robin (Avian insectivore)	660000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	American robin (Avian omnivore)	670000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	Deer mouse (Mammalian omnivore)	360000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	Desert cottontail (Mammalian herbivore)	360000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	Earthworm (Soil-dwelling invertebrate)	960	pCi/g	FINAL	
Radionuclide	Plutonium-241	PU-241	SOIL	Generic plant (Terrestrial autotroph - producer)	350000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	Montane shrew (Mammalian insectivore)	360000	pCi/g		
Radionuclide	Plutonium-241	PU-241	SOIL	Red fox (Mammalian top carnivore)	360000	pCi/g		
Radionuclide	Plutonium-241	PU-241	WATER	Algae (Aquatic autotroph - producer) - water	420	pCi/L	FINAL	
Radionuclide	Plutonium-241	PU-241	WATER	American kestrel (water)	1.2E+11	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	American robin (water)	1.2E+11	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	3700	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	3700	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Deer mouse (water)	2.5E+11	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Desert cottontail (water)	22000000000	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Fish (Aquatic intermediate carnivore) - water	1500	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Montane shrew (water)	2.4E+11	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Occult little brown myotis bat (water)	8.4E+11	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Red fox (water)	6400000000	pCi/L		
Radionuclide	Plutonium-241	PU-241	WATER	Violet-green Swallow (water)	2.2E+11	pCi/L		
Radionuclide	Radium-226	RA-226	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	1400	pCi/g		
Radionuclide	Radium-226	RA-226	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	1400	pCi/g		
Radionuclide	Radium-226	RA-226	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	1400	pCi/g		
Radionuclide	Radium-226	RA-226	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	1400	pCi/g		
Radionuclide	Radium-226	RA-226	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.3	pCi/g		
Radionuclide	Radium-226	RA-226	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.21	pCi/g	FINAL	
Radionuclide	Radium-226	RA-226	SOIL	American kestrel (Avian intermediate carnivore)	340	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	American kestrel (Avian top carnivore)	380	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	American robin (Avian herbivore)	93	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	American robin (Avian insectivore)	40	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	American robin (Avian omnivore)	39	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	Deer mouse (Mammalian omnivore)	610	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	Desert cottontail (Mammalian herbivore)	480	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	Earthworm (Soil-dwelling invertebrate)	8.1	pCi/g	FINAL	
Radionuclide	Radium-226	RA-226	SOIL	Generic plant (Terrestrial autotroph - producer)	200	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	Montane shrew (Mammalian insectivore)	580	pCi/g		
Radionuclide	Radium-226	RA-226	SOIL	Red fox (Mammalian top carnivore)	83	pCi/g		
Radionuclide	Radium-226	RA-226	WATER	Algae (Aquatic autotroph - producer) - water	0.1	pCi/L	FINAL	
Radionuclide	Radium-226	RA-226	WATER	American kestrel (water)	750000	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	American robin (water)	740000	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	3.2	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	3.2	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Deer mouse (water)	12000000	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Desert cottontail (water)	850000	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Fish (Aquatic intermediate carnivore) - water	64	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Montane shrew (water)	7200000	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Occult little brown myotis bat (water)	2000000	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Red fox (water)	55000	pCi/L		
Radionuclide	Radium-226	RA-226	WATER	Violet-green Swallow (water)	1700000	pCi/L		
Radionuclide	Radium-228	RA-228	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	2800	pCi/g		
Radionuclide	Radium-228	RA-228	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	2800	pCi/g		
Radionuclide	Radium-228	RA-228	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	2800	pCi/g		
Radionuclide	Radium-228	RA-228	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	2800	pCi/g		
Radionuclide	Radium-228	RA-228	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.77	pCi/g		
Radionuclide	Radium-228	RA-228	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.26	pCi/g	FINAL	
Radionuclide	Radium-228	RA-228	SOIL	American kestrel (Avian intermediate carnivore)	500	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	American kestrel (Avian top carnivore)	550	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	American robin (Avian herbivore)	120	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	American robin (Avian insectivore)	55	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	American robin (Avian omnivore)	52	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	Deer mouse (Mammalian omnivore)	1000	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	Desert cottontail (Mammalian herbivore)	690	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	Earthworm (Soil-dwelling invertebrate)	6.8	pCi/g	FINAL	
Radionuclide	Radium-228	RA-228	SOIL	Generic plant (Terrestrial autotroph - producer)	200	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	Montane shrew (Mammalian insectivore)	960	pCi/g		
Radionuclide	Radium-228	RA-228	SOIL	Red fox (Mammalian top carnivore)	100	pCi/g		
Radionuclide	Radium-228	RA-228	WATER	Algae (Aquatic autotroph - producer) - water	0.09	pCi/L	FINAL	
Radionuclide	Radium-228	RA-228	WATER	American kestrel (water)	1000000	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	American robin (water)	990000	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	2.7	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	2.7	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Deer mouse (water)	11000000	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Desert cottontail (water)	760000	pCi/L		

Radionuclide	Radium-228	RA-228	WATER	Fish (Aquatic intermediate carnivore) - water	54	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Montane shrew (water)	6700000	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Occult little brown myotis bat (water)	5100000	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Red fox (water)	64000	pCi/L		
Radionuclide	Radium-228	RA-228	WATER	Violet-green Swallow (water)	2100000	pCi/L		
Radionuclide	Sodium-22	NA-22	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	18000	pCi/g		
Radionuclide	Sodium-22	NA-22	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	18000	pCi/g		
Radionuclide	Sodium-22	NA-22	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	18000	pCi/g		
Radionuclide	Sodium-22	NA-22	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	18000	pCi/g		
Radionuclide	Sodium-22	NA-22	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	49000	pCi/g		
Radionuclide	Sodium-22	NA-22	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	11000	pCi/g	FINAL	
Radionuclide	Sodium-22	NA-22	SOIL	American kestrel (Avian intermediate carnivore)	15000	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	American kestrel (Avian top carnivore)	12000	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	American robin (Avian herbivore)	17000	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	American robin (Avian insectivore)	16000	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	American robin (Avian omnivore)	16000	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	Deer mouse (Mammalian omnivore)	9000	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	Desert cottontail (Mammalian herbivore)	8900	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	Earthworm (Soil-dwelling invertebrate)	6500	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	Generic plant (Terrestrial autotroph - producer)	8900	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	Montane shrew (Mammalian insectivore)	9000	pCi/g		
Radionuclide	Sodium-22	NA-22	SOIL	Red fox (Mammalian top carnivore)	3400	pCi/g	FINAL	
Radionuclide	Sodium-22	NA-22	WATER	Algae (Aquatic autotroph - producer) - water	90000	pCi/L	FINAL	
Radionuclide	Sodium-22	NA-22	WATER	American kestrel (water)	4800000000	pCi/L		
Radionuclide	Sodium-22	NA-22	WATER	American robin (water)	4700000000	pCi/L		
Radionuclide	Sodium-22	NA-22	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	90000	pCi/L	FINAL	
Radionuclide	Sodium-22	NA-22	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	90000	pCi/L	FINAL	
Radionuclide	Sodium-22	NA-22	WATER	Deer mouse (water)	10000000000	pCi/L		
Radionuclide	Sodium-22	NA-22	WATER	Desert cottontail (water)	850000000	pCi/L		
Radionuclide	Sodium-22	NA-22	WATER	Fish (Aquatic intermediate carnivore) - water	90000	pCi/L	FINAL	
Radionuclide	Sodium-22	NA-22	WATER	Montane shrew (water)	9600000000	pCi/L		
Radionuclide	Sodium-22	NA-22	WATER	Occult little brown myotis bat (water)	32000000000	pCi/L		
Radionuclide	Sodium-22	NA-22	WATER	Red fox (water)	240000000	pCi/L		
Radionuclide	Sodium-22	NA-22	WATER	Violet-green Swallow (water)	8800000000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	3400	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	3400	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	3400	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	3400	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	230	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	150	pCi/g	FINAL	
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	American kestrel (Avian intermediate carnivore)	2400	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	American kestrel (Avian top carnivore)	1900	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	American robin (Avian herbivore)	600	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	American robin (Avian insectivore)	1500	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	American robin (Avian omnivore)	930	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Deer mouse (Mammalian omnivore)	1700	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Desert cottontail (Mammalian herbivore)	1300	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Earthworm (Soil-dwelling invertebrate)	1200	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Generic plant (Terrestrial autotroph - producer)	1300	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Montane shrew (Mammalian insectivore)	1700	pCi/g		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	SOIL	Red fox (Mammalian top carnivore)	560	pCi/g	FINAL	
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Algae (Aquatic autotroph - producer) - water	570	pCi/L	FINAL	
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	American kestrel (water)	52000000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	American robin (water)	51000000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	17000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	17000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Deer mouse (water)	830000000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Desert cottontail (water)	57000000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Fish (Aquatic intermediate carnivore) - water	33000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Montane shrew (water)	480000000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Occult little brown myotis bat (water)	150000000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Red fox (water)	3800000	pCi/L		
Radionuclide	Strontium-90 + Yittrium-90	SR-90/ Y-90	WATER	Violet-green Swallow (water)	120000000	pCi/L		
Radionuclide	Thorium-228	TH-228	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	1600	pCi/g		
Radionuclide	Thorium-228	TH-228	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	1600	pCi/g		
Radionuclide	Thorium-228	TH-228	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	1600	pCi/g		
Radionuclide	Thorium-228	TH-228	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	1600	pCi/g		
Radionuclide	Thorium-228	TH-228	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1200	pCi/g		
Radionuclide	Thorium-228	TH-228	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	290	pCi/g	FINAL	
Radionuclide	Thorium-228	TH-228	SOIL	American kestrel (Avian intermediate carnivore)	1600	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	American kestrel (Avian top carnivore)	1600	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	American robin (Avian herbivore)	1500	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	American robin (Avian insectivore)	1300	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	American robin (Avian omnivore)	1300	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	Deer mouse (Mammalian omnivore)	830	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	Desert cottontail (Mammalian herbivore)	830	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	Earthworm (Soil-dwelling invertebrate)	43	pCi/g	FINAL	
Radionuclide	Thorium-228	TH-228	SOIL	Generic plant (Terrestrial autotroph - producer)	810	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	Montane shrew (Mammalian insectivore)	830	pCi/g		
Radionuclide	Thorium-228	TH-228	SOIL	Red fox (Mammalian top carnivore)	820	pCi/g		
Radionuclide	Thorium-228	TH-228	WATER	Algae (Aquatic autotroph - producer) - water	5.9	pCi/L	FINAL	
Radionuclide	Thorium-228	TH-228	WATER	American kestrel (water)	120000000	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	American robin (water)	120000000	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	170	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	170	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Deer mouse (water)	800000000	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Desert cottontail (water)	57000000	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Fish (Aquatic intermediate carnivore) - water	170	pCi/L		

Radionuclide	Thorium-228	TH-228	WATER	Montane shrew (water)	520000000	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Occult little brown myotis bat (water)	800000000	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Red fox (water)	6800000	pCi/L		
Radionuclide	Thorium-228	TH-228	WATER	Violet-green Swallow (water)	230000000	pCi/L		
Radionuclide	Thorium-229	TH-229	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	3200	pCi/g		
Radionuclide	Thorium-229	TH-229	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	3200	pCi/g		
Radionuclide	Thorium-229	TH-229	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	3200	pCi/g		
Radionuclide	Thorium-229	TH-229	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	3200	pCi/g		
Radionuclide	Thorium-229	TH-229	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	120	pCi/g		
Radionuclide	Thorium-229	TH-229	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	110	pCi/g	FINAL	
Radionuclide	Thorium-229	TH-229	SOIL	American kestrel (Avian intermediate carnivore)	2900	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	American kestrel (Avian top carnivore)	3100	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	American robin (Avian herbivore)	2300	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	American robin (Avian insectivore)	1300	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	American robin (Avian omnivore)	1300	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	Deer mouse (Mammalian omnivore)	1500	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	Desert cottontail (Mammalian herbivore)	1500	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	Earthworm (Soil-dwelling invertebrate)	47	pCi/g	FINAL	
Radionuclide	Thorium-229	TH-229	SOIL	Generic plant (Terrestrial autotroph - producer)	1500	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	Montane shrew (Mammalian insectivore)	1500	pCi/g		
Radionuclide	Thorium-229	TH-229	SOIL	Red fox (Mammalian top carnivore)	1500	pCi/g		
Radionuclide	Thorium-229	TH-229	WATER	Algae (Aquatic autotroph - producer) - water	6.3	pCi/L	FINAL	
Radionuclide	Thorium-229	TH-229	WATER	American kestrel (water)	39000000	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	American robin (water)	39000000	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	180	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	180	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Deer mouse (water)	720000000	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Desert cottontail (water)	49000000	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Fish (Aquatic intermediate carnivore) - water	180	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Montane shrew (water)	410000000	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Occult little brown myotis bat (water)	85000000	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Red fox (water)	3000000	pCi/L		
Radionuclide	Thorium-229	TH-229	WATER	Violet-green Swallow (water)	95000000	pCi/L		
Radionuclide	Thorium-230	TH-230	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	270000	pCi/g		
Radionuclide	Thorium-230	TH-230	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	270000	pCi/g		
Radionuclide	Thorium-230	TH-230	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	270000	pCi/g		
Radionuclide	Thorium-230	TH-230	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	270000	pCi/g		
Radionuclide	Thorium-230	TH-230	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	130	pCi/g		
Radionuclide	Thorium-230	TH-230	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	120	pCi/g	FINAL	
Radionuclide	Thorium-230	TH-230	SOIL	American kestrel (Avian intermediate carnivore)	34000	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	American kestrel (Avian top carnivore)	120000	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	American robin (Avian herbivore)	9000	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	American robin (Avian insectivore)	2300	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	American robin (Avian omnivore)	2300	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	Deer mouse (Mammalian omnivore)	93000	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	Desert cottontail (Mammalian herbivore)	96000	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	Earthworm (Soil-dwelling invertebrate)	52	pCi/g	FINAL	
Radionuclide	Thorium-230	TH-230	SOIL	Generic plant (Terrestrial autotroph - producer)	27000	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	Montane shrew (Mammalian insectivore)	81000	pCi/g		
Radionuclide	Thorium-230	TH-230	SOIL	Red fox (Mammalian top carnivore)	31000	pCi/g		
Radionuclide	Thorium-230	TH-230	WATER	Algae (Aquatic autotroph - producer) - water	6.8	pCi/L	FINAL	
Radionuclide	Thorium-230	TH-230	WATER	American kestrel (water)	42000000	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	American robin (water)	42000000	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	200	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	200	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Deer mouse (water)	780000000	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Desert cottontail (water)	53000000	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Fish (Aquatic intermediate carnivore) - water	200	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Montane shrew (water)	450000000	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Occult little brown myotis bat (water)	90000000	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Red fox (water)	3200000	pCi/L		
Radionuclide	Thorium-230	TH-230	WATER	Violet-green Swallow (water)	100000000	pCi/L		
Radionuclide	Thorium-232	TH-232	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	320000	pCi/g		
Radionuclide	Thorium-232	TH-232	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	320000	pCi/g		
Radionuclide	Thorium-232	TH-232	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	320000	pCi/g		
Radionuclide	Thorium-232	TH-232	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	320000	pCi/g		
Radionuclide	Thorium-232	TH-232	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	16	pCi/g		
Radionuclide	Thorium-232	TH-232	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	15	pCi/g	FINAL	
Radionuclide	Thorium-232	TH-232	SOIL	American kestrel (Avian intermediate carnivore)	4600	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	American kestrel (Avian top carnivore)	25000	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	American robin (Avian herbivore)	1100	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	American robin (Avian insectivore)	280	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	American robin (Avian omnivore)	280	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	Deer mouse (Mammalian omnivore)	29000	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	Desert cottontail (Mammalian herbivore)	31000	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	Earthworm (Soil-dwelling invertebrate)	6.2	pCi/g	FINAL	
Radionuclide	Thorium-232	TH-232	SOIL	Generic plant (Terrestrial autotroph - producer)	3900	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	Montane shrew (Mammalian insectivore)	20000	pCi/g		
Radionuclide	Thorium-232	TH-232	SOIL	Red fox (Mammalian top carnivore)	4600	pCi/g		
Radionuclide	Thorium-232	TH-232	WATER	Algae (Aquatic autotroph - producer) - water	0.81	pCi/L	FINAL	
Radionuclide	Thorium-232	TH-232	WATER	American kestrel (water)	5000000	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	American robin (water)	5000000	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	24	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	24	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Deer mouse (water)	92000000	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Desert cottontail (water)	6300000	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Fish (Aquatic intermediate carnivore) - water	24	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Montane shrew (water)	53000000	pCi/L		

Radionuclide	Thorium-232	TH-232	WATER	Occult little brown myotis bat (water)	10000000	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Red fox (water)	380000	pCi/L		
Radionuclide	Thorium-232	TH-232	WATER	Violet-green Swallow (water)	12000000	pCi/L		
Radionuclide	Tritium	H-3	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	660000	pCi/g	FINAL	
Radionuclide	Tritium	H-3	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	660000	pCi/g	FINAL	
Radionuclide	Tritium	H-3	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	660000	pCi/g	FINAL	
Radionuclide	Tritium	H-3	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	660000	pCi/g	FINAL	
Radionuclide	Tritium	H-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1300000000	pCi/g		
Radionuclide	Tritium	H-3	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	300000000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	American kestrel (Avian intermediate carnivore)	630000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	American kestrel (Avian top carnivore)	580000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	American robin (Avian herbivore)	300000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	American robin (Avian insectivore)	600000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	American robin (Avian omnivore)	440000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	Deer mouse (Mammalian omnivore)	330000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	Desert cottontail (Mammalian herbivore)	230000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	Earthworm (Soil-dwelling invertebrate)	48000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	Generic plant (Terrestrial autotroph - producer)	36000	pCi/g	FINAL	
Radionuclide	Tritium	H-3	SOIL	Montane shrew (Mammalian insectivore)	340000	pCi/g		
Radionuclide	Tritium	H-3	SOIL	Red fox (Mammalian top carnivore)	190000	pCi/g		
Radionuclide	Tritium	H-3	WATER	Algae (Aquatic autotroph - producer) - water	160000000	pCi/L	FINAL	
Radionuclide	Tritium	H-3	WATER	American kestrel (water)	1.3E+12	pCi/L		
Radionuclide	Tritium	H-3	WATER	American robin (water)	1.3E+12	pCi/L		
Radionuclide	Tritium	H-3	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	160000000	pCi/L	FINAL	
Radionuclide	Tritium	H-3	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	160000000	pCi/L	FINAL	
Radionuclide	Tritium	H-3	WATER	Deer mouse (water)	2.7E+12	pCi/L		
Radionuclide	Tritium	H-3	WATER	Desert cottontail (water)	2.3E+11	pCi/L		
Radionuclide	Tritium	H-3	WATER	Fish (Aquatic intermediate carnivore) - water	160000000	pCi/L	FINAL	
Radionuclide	Tritium	H-3	WATER	Montane shrew (water)	2.6E+12	pCi/L		
Radionuclide	Tritium	H-3	WATER	Occult little brown myotis bat (water)	9E+12	pCi/L		
Radionuclide	Tritium	H-3	WATER	Red fox (water)	68000000000	pCi/L		
Radionuclide	Tritium	H-3	WATER	Violet-green Swallow (water)	2.4E+12	pCi/L		
Radionuclide	Uranium-233	U-233	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	1000000	pCi/g		
Radionuclide	Uranium-233	U-233	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	1000000	pCi/g		
Radionuclide	Uranium-233	U-233	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	1000000	pCi/g		
Radionuclide	Uranium-233	U-233	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	1000000	pCi/g		
Radionuclide	Uranium-233	U-233	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2700	pCi/g		
Radionuclide	Uranium-233	U-233	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	620	pCi/g	FINAL	
Radionuclide	Uranium-233	U-233	SOIL	American kestrel (Avian intermediate carnivore)	180000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	American kestrel (Avian top carnivore)	340000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	American robin (Avian herbivore)	54000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	American robin (Avian insectivore)	15000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	American robin (Avian omnivore)	15000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	Deer mouse (Mammalian omnivore)	160000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	Desert cottontail (Mammalian herbivore)	170000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	Earthworm (Soil-dwelling invertebrate)	51	pCi/g	FINAL	
Radionuclide	Uranium-233	U-233	SOIL	Generic plant (Terrestrial autotroph - producer)	15000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	Montane shrew (Mammalian insectivore)	160000	pCi/g		
Radionuclide	Uranium-233	U-233	SOIL	Red fox (Mammalian top carnivore)	57000	pCi/g		
Radionuclide	Uranium-233	U-233	WATER	Algae (Aquatic autotroph - producer) - water	22	pCi/L	FINAL	
Radionuclide	Uranium-233	U-233	WATER	American kestrel (water)	270000000	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	American robin (water)	260000000	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	190	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	190	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Deer mouse (water)	610000000	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Desert cottontail (water)	50000000	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Fish (Aquatic intermediate carnivore) - water	39	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Montane shrew (water)	550000000	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Occult little brown myotis bat (water)	1800000000	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Red fox (water)	14000000	pCi/L		
Radionuclide	Uranium-233	U-233	WATER	Violet-green Swallow (water)	500000000	pCi/L		
Radionuclide	Uranium-234	U-234	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	300000	pCi/g		
Radionuclide	Uranium-234	U-234	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	300000	pCi/g		
Radionuclide	Uranium-234	U-234	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	300000	pCi/g		
Radionuclide	Uranium-234	U-234	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	300000	pCi/g		
Radionuclide	Uranium-234	U-234	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2700	pCi/g		
Radionuclide	Uranium-234	U-234	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	620	pCi/g	FINAL	
Radionuclide	Uranium-234	U-234	SOIL	American kestrel (Avian intermediate carnivore)	120000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	American kestrel (Avian top carnivore)	190000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	American robin (Avian herbivore)	48000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	American robin (Avian insectivore)	14000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	American robin (Avian omnivore)	14000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	Deer mouse (Mammalian omnivore)	91000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	Desert cottontail (Mammalian herbivore)	96000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	Earthworm (Soil-dwelling invertebrate)	51	pCi/g	FINAL	
Radionuclide	Uranium-234	U-234	SOIL	Generic plant (Terrestrial autotroph - producer)	14000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	Montane shrew (Mammalian insectivore)	94000	pCi/g		
Radionuclide	Uranium-234	U-234	SOIL	Red fox (Mammalian top carnivore)	45000	pCi/g		
Radionuclide	Uranium-234	U-234	WATER	Algae (Aquatic autotroph - producer) - water	22	pCi/L	FINAL	
Radionuclide	Uranium-234	U-234	WATER	American kestrel (water)	270000000	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	American robin (water)	260000000	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	190	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	190	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Deer mouse (water)	610000000	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Desert cottontail (water)	50000000	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Fish (Aquatic intermediate carnivore) - water	39	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Montane shrew (water)	550000000	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Occult little brown myotis bat (water)	1800000000	pCi/L		

Radionuclide	Uranium-234	U-234	WATER	Red fox (water)	14000000	pCi/L		
Radionuclide	Uranium-234	U-234	WATER	Violet-green Swallow (water)	500000000	pCi/L		
Radionuclide	Uranium-235	U-235	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	10000	pCi/g		
Radionuclide	Uranium-235	U-235	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	10000	pCi/g		
Radionuclide	Uranium-235	U-235	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	10000	pCi/g		
Radionuclide	Uranium-235	U-235	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	10000	pCi/g		
Radionuclide	Uranium-235	U-235	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	3000	pCi/g		
Radionuclide	Uranium-235	U-235	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	670	pCi/g	FINAL	
Radionuclide	Uranium-235	U-235	SOIL	American kestrel (Avian intermediate carnivore)	10000	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	American kestrel (Avian top carnivore)	10000	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	American robin (Avian herbivore)	9000	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	American robin (Avian insectivore)	6400	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	American robin (Avian omnivore)	6400	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	Deer mouse (Mammalian omnivore)	5100	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	Desert cottontail (Mammalian herbivore)	5100	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	Earthworm (Soil-dwelling invertebrate)	55	pCi/g	FINAL	
Radionuclide	Uranium-235	U-235	SOIL	Generic plant (Terrestrial autotroph - producer)	4000	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	Montane shrew (Mammalian insectivore)	5100	pCi/g		
Radionuclide	Uranium-235	U-235	SOIL	Red fox (Mammalian top carnivore)	4800	pCi/g		
Radionuclide	Uranium-235	U-235	WATER	Algae (Aquatic autotroph - producer) - water	24	pCi/L	FINAL	
Radionuclide	Uranium-235	U-235	WATER	American kestrel (water)	290000000	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	American robin (water)	290000000	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	210	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	210	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Deer mouse (water)	660000000	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Desert cottontail (water)	54000000	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Fish (Aquatic intermediate carnivore) - water	43	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Montane shrew (water)	600000000	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Occult little brown myotis bat (water)	2000000000	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Red fox (water)	15000000	pCi/L		
Radionuclide	Uranium-235	U-235	WATER	Violet-green Swallow (water)	540000000	pCi/L		
Radionuclide	Uranium-236	U-236	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment		pCi/g		No ESL because internal and external exposure is calculated as 0 for this radionuclide.
Radionuclide	Uranium-236	U-236	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment		pCi/g		No ESL because internal and external exposure is calculated as 0 for this radionuclide.
Radionuclide	Uranium-236	U-236	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment		pCi/g		No ESL because internal and external exposure is calculated as 0 for this radionuclide.
Radionuclide	Uranium-236	U-236	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment		pCi/g		No ESL because internal and external exposure is calculated as 0 for this radionuclide.
Radionuclide	Uranium-236	U-236	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	2900	pCi/g		
Radionuclide	Uranium-236	U-236	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	660	pCi/g	FINAL	
Radionuclide	Uranium-236	U-236	SOIL	American kestrel (Avian intermediate carnivore)	230000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	American kestrel (Avian top carnivore)	550000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	American robin (Avian herbivore)	61000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	American robin (Avian insectivore)	16000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	American robin (Avian omnivore)	16000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	Deer mouse (Mammalian omnivore)	240000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	Desert cottontail (Mammalian herbivore)	280000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	Earthworm (Soil-dwelling invertebrate)	54	pCi/g	FINAL	
Radionuclide	Uranium-236	U-236	SOIL	Generic plant (Terrestrial autotroph - producer)	16000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	Montane shrew (Mammalian insectivore)	260000	pCi/g		
Radionuclide	Uranium-236	U-236	SOIL	Red fox (Mammalian top carnivore)	69000	pCi/g		
Radionuclide	Uranium-236	U-236	WATER	Algae (Aquatic autotroph - producer) - water	23	pCi/L	FINAL	
Radionuclide	Uranium-236	U-236	WATER	American kestrel (water)	290000000	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	American robin (water)	280000000	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	210	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	210	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Deer mouse (water)	650000000	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Desert cottontail (water)	53000000	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Fish (Aquatic intermediate carnivore) - water	42	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Montane shrew (water)	590000000	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Occult little brown myotis bat (water)	1900000000	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Red fox (water)	15000000	pCi/L		
Radionuclide	Uranium-236	U-236	WATER	Violet-green Swallow (water)	530000000	pCi/L		
Radionuclide	Uranium-238	U-238	SEDIMENT	Algae (Aquatic autotroph - producer) - sediment	4300	pCi/g		
Radionuclide	Uranium-238	U-238	SEDIMENT	Aquatic snails (Aquatic herbivore - grazer) - sediment	4300	pCi/g		
Radionuclide	Uranium-238	U-238	SEDIMENT	Daphnids (Aquatic omnivore/ herbivore) - sediment	4300	pCi/g		
Radionuclide	Uranium-238	U-238	SEDIMENT	Fish (Aquatic intermediate carnivore) - sediment	4300	pCi/g		
Radionuclide	Uranium-238	U-238	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	3000	pCi/g		
Radionuclide	Uranium-238	U-238	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	690	pCi/g	FINAL	
Radionuclide	Uranium-238	U-238	SOIL	American kestrel (Avian intermediate carnivore)	4100	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	American kestrel (Avian top carnivore)	4200	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	American robin (Avian herbivore)	3900	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	American robin (Avian insectivore)	3400	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	American robin (Avian omnivore)	3400	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	Deer mouse (Mammalian omnivore)	2100	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	Desert cottontail (Mammalian herbivore)	2100	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	Earthworm (Soil-dwelling invertebrate)	55	pCi/g	FINAL	
Radionuclide	Uranium-238	U-238	SOIL	Generic plant (Terrestrial autotroph - producer)	1800	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	Montane shrew (Mammalian insectivore)	2100	pCi/g		
Radionuclide	Uranium-238	U-238	SOIL	Red fox (Mammalian top carnivore)	2000	pCi/g		
Radionuclide	Uranium-238	U-238	WATER	Algae (Aquatic autotroph - producer) - water	24	pCi/L	FINAL	
Radionuclide	Uranium-238	U-238	WATER	American kestrel (water)	300000000	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	American robin (water)	290000000	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Aquatic snails (Aquatic herbivore - grazer) - water	220	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Daphnids (Aquatic omnivore/ herbivore) - water	220	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Deer mouse (water)	680000000	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Desert cottontail (water)	55000000	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Fish (Aquatic intermediate carnivore) - water	44	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Montane shrew (water)	610000000	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Occult little brown myotis bat (water)	2000000000	pCi/L		
Radionuclide	Uranium-238	U-238	WATER	Red fox (water)	15000000	pCi/L		

Radionuclide	Uranium-238	U-238	WATER	Violet-green Swallow (water)	550000000	pCi/L		
Semivolatile Org	Benzoic Acid	65-85-0	SEDIMENT	Aquatic community organisms - sediment	0.065	mg/kg	FINAL	
Semivolatile Org	Benzoic Acid	65-85-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	15	mg/kg		
Semivolatile Org	Benzoic Acid	65-85-0	SOIL	Deer mouse (Mammalian omnivore)	7.3	mg/kg	FINAL	
Semivolatile Org	Benzoic Acid	65-85-0	SOIL	Desert cottontail (Mammalian herbivore)	11	mg/kg		
Semivolatile Org	Benzoic Acid	65-85-0	SOIL	Montane shrew (Mammalian insectivore)	11	mg/kg		
Semivolatile Org	Benzoic Acid	65-85-0	SOIL	Red fox (Mammalian top carnivore)	1900	mg/kg		
Semivolatile Org	Benzoic Acid	65-85-0	WATER	Aquatic community organisms - water	41	µg/L	FINAL	
Semivolatile Org	Benzoic Acid	65-85-0	WATER	Deer mouse (water)	21000	µg/L		
Semivolatile Org	Benzoic Acid	65-85-0	WATER	Desert cottontail (water)	41000	µg/L		
Semivolatile Org	Benzoic Acid	65-85-0	WATER	Montane shrew (water)	17000	µg/L		
Semivolatile Org	Benzoic Acid	65-85-0	WATER	Occult little brown myotis bat (water)	25000	µg/L		
Semivolatile Org	Benzoic Acid	65-85-0	WATER	Red fox (water)	46000	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	38	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	1.3	mg/kg	FINAL	
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	American kestrel (Avian intermediate carnivore)	2.3	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	American kestrel (Avian top carnivore)	1.7	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	American robin (Avian herbivore)	23	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	American robin (Avian insectivore)	1	mg/kg	FINAL	
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	American robin (Avian omnivore)	1.9	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	Deer mouse (Mammalian omnivore)	61	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	Desert cottontail (Mammalian herbivore)	3600	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	Montane shrew (Mammalian insectivore)	30	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	SOIL	Red fox (Mammalian top carnivore)	64	mg/kg		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	American kestrel (water)	9100	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	American robin (water)	7800	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	Aquatic community organisms - water	32	µg/L	FINAL	
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	Deer mouse (water)	96000	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	Desert cottontail (water)	180000	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	Montane shrew (water)	82000	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	Occult little brown myotis bat (water)	110000	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	Red fox (water)	210000	µg/L		
Semivolatile Org	Bis(2-ethylhexyl)phthalate	117-81-7	WATER	Violet-green Swallow (water)	4500	µg/L		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	SEDIMENT	Aquatic community organisms - sediment	13	mg/kg	FINAL	
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	440	mg/kg		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	SOIL	Deer mouse (Mammalian omnivore)	630	mg/kg		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	SOIL	Desert cottontail (Mammalian herbivore)	5800	mg/kg		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	SOIL	Montane shrew (Mammalian insectivore)	340	mg/kg	FINAL	
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	SOIL	Red fox (Mammalian top carnivore)	7300	mg/kg		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	WATER	Aquatic community organisms - water	22	µg/L	FINAL	
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	WATER	Deer mouse (water)	830000	µg/L		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	WATER	Desert cottontail (water)	1600000	µg/L		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	WATER	Montane shrew (water)	710000	µg/L		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	WATER	Occult little brown myotis bat (water)	1000000	µg/L		
Semivolatile Org	Butyl Benzyl Phthalate	85-68-7	WATER	Red fox (water)	1800000	µg/L		
Semivolatile Org	Chlorobenzene	108-90-7	SEDIMENT	Aquatic community organisms - sediment	0.82	mg/kg	FINAL	
Semivolatile Org	Chlorobenzene	108-90-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	210	mg/kg		
Semivolatile Org	Chlorobenzene	108-90-7	SOIL	Deer mouse (Mammalian omnivore)	170	mg/kg		
Semivolatile Org	Chlorobenzene	108-90-7	SOIL	Desert cottontail (Mammalian herbivore)	400	mg/kg		
Semivolatile Org	Chlorobenzene	108-90-7	SOIL	Earthworm (Soil-dwelling invertebrate)	2.4	mg/kg	FINAL	
Semivolatile Org	Chlorobenzene	108-90-7	SOIL	Montane shrew (Mammalian insectivore)	160	mg/kg		
Semivolatile Org	Chlorobenzene	108-90-7	SOIL	Red fox (Mammalian top carnivore)	16000	mg/kg		
Semivolatile Org	Chlorobenzene	108-90-7	WATER	Aquatic community organisms - water	120	µg/L	FINAL	
Semivolatile Org	Chlorobenzene	108-90-7	WATER	Deer mouse (water)	310000	µg/L		
Semivolatile Org	Chlorobenzene	108-90-7	WATER	Desert cottontail (water)	610000	µg/L		
Semivolatile Org	Chlorobenzene	108-90-7	WATER	Montane shrew (water)	260000	µg/L		
Semivolatile Org	Chlorobenzene	108-90-7	WATER	Occult little brown myotis bat (water)	370000	µg/L		
Semivolatile Org	Chlorobenzene	108-90-7	WATER	Red fox (water)	690000	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SEDIMENT	Aquatic community organisms - sediment	0.057	mg/kg	FINAL	
Semivolatile Org	Chlorophenol[2-]	95-57-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1.9	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	2.5	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	American kestrel (Avian intermediate carnivore)	13	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	American kestrel (Avian top carnivore)	290	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	American robin (Avian herbivore)	1	mg/kg	FINAL	
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	American robin (Avian insectivore)	1.8	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	American robin (Avian omnivore)	1.3	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	Deer mouse (Mammalian omnivore)	1	mg/kg	FINAL	
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	Desert cottontail (Mammalian herbivore)	1.8	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	Montane shrew (Mammalian insectivore)	1.4	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	SOIL	Red fox (Mammalian top carnivore)	230	mg/kg		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	American kestrel (water)	9400	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	American robin (water)	8000	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	Aquatic community organisms - water	43	µg/L	FINAL	
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	Deer mouse (water)	2600	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	Desert cottontail (water)	5100	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	Montane shrew (water)	2200	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	Occult little brown myotis bat (water)	3100	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	Red fox (water)	5800	µg/L		
Semivolatile Org	Chlorophenol[2-]	95-57-8	WATER	Violet-green Swallow (water)	4600	µg/L		
Semivolatile Org	Dibenzofuran	132-64-9	SEDIMENT	Aquatic community organisms - sediment	2.3	mg/kg	FINAL	
Semivolatile Org	Dibenzofuran	132-64-9	SOIL	Generic plant (Terrestrial autotroph - producer)	6.1	mg/kg	FINAL	
Semivolatile Org	Dibenzofuran	132-64-9	WATER	Aquatic community organisms - water	20	µg/L	FINAL	
Semivolatile Org	Dimethyl Phthalate	131-11-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	340	mg/kg	FINAL	
Semivolatile Org	Dimethyl Phthalate	131-11-3	SOIL	Deer mouse (Mammalian omnivore)	120	mg/kg		
Semivolatile Org	Dimethyl Phthalate	131-11-3	SOIL	Desert cottontail (Mammalian herbivore)	180	mg/kg		
Semivolatile Org	Dimethyl Phthalate	131-11-3	SOIL	Earthworm (Soil-dwelling invertebrate)	10	mg/kg	FINAL	
Semivolatile Org	Dimethyl Phthalate	131-11-3	SOIL	Montane shrew (Mammalian insectivore)	250	mg/kg		
Semivolatile Org	Dimethyl Phthalate	131-11-3	SOIL	Red fox (Mammalian top carnivore)	40000	mg/kg		

Semivolatile Org	Dimethyl Phthalate	131-11-3	WATER	Aquatic community organisms - water	330	µg/L	FINAL	
Semivolatile Org	Dimethyl Phthalate	131-11-3	WATER	Deer mouse (water)	430000	µg/L		
Semivolatile Org	Dimethyl Phthalate	131-11-3	WATER	Desert cottontail (water)	850000	µg/L		
Semivolatile Org	Dimethyl Phthalate	131-11-3	WATER	Montane shrew (water)	370000	µg/L		
Semivolatile Org	Dimethyl Phthalate	131-11-3	WATER	Occult little brown myotis bat (water)	520000	µg/L		
Semivolatile Org	Dimethyl Phthalate	131-11-3	WATER	Red fox (water)	960000	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SEDIMENT	Aquatic community organisms - sediment	11	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	3800	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	0.24	mg/kg	FINAL	
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	American kestrel (Avian intermediate carnivore)	1.1	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	American kestrel (Avian top carnivore)	3.7	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	American robin (Avian herbivore)	0.89	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	American robin (Avian insectivore)	0.17	mg/kg	FINAL	
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	American robin (Avian omnivore)	0.29	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	Deer mouse (Mammalian omnivore)	5300	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	Desert cottontail (Mammalian herbivore)	40000	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	Generic plant (Terrestrial autotroph - producer)	160	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	Montane shrew (Mammalian insectivore)	2900	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	SOIL	Red fox (Mammalian top carnivore)	77000	mg/kg		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	American kestrel (water)	1100	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	American robin (water)	1000	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	Aquatic community organisms - water	32	µg/L	FINAL	
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	Deer mouse (water)	3100000	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	Desert cottontail (water)	6100000	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	Montane shrew (water)	2600000	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	Occult little brown myotis bat (water)	3700000	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	Red fox (water)	6900000	µg/L		
Semivolatile Org	Di-n-Butyl Phthalate	84-74-2	WATER	Violet-green Swallow (water)	570	µg/L		
Semivolatile Org	Di-n-octylphthalate	117-84-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	210	mg/kg	FINAL	
Semivolatile Org	Di-n-octylphthalate	117-84-0	SOIL	Deer mouse (Mammalian omnivore)	310	mg/kg		
Semivolatile Org	Di-n-octylphthalate	117-84-0	SOIL	Desert cottontail (Mammalian herbivore)	3900	mg/kg		
Semivolatile Org	Di-n-octylphthalate	117-84-0	SOIL	Montane shrew (Mammalian insectivore)	160	mg/kg	FINAL	
Semivolatile Org	Di-n-octylphthalate	117-84-0	SOIL	Red fox (Mammalian top carnivore)	2400	mg/kg		
Semivolatile Org	Di-n-octylphthalate	117-84-0	WATER	Aquatic community organisms - water	320	µg/L	FINAL	
Semivolatile Org	Di-n-octylphthalate	117-84-0	WATER	Deer mouse (water)	410000	µg/L		
Semivolatile Org	Di-n-octylphthalate	117-84-0	WATER	Desert cottontail (water)	810000	µg/L		
Semivolatile Org	Di-n-octylphthalate	117-84-0	WATER	Montane shrew (water)	350000	µg/L		
Semivolatile Org	Di-n-octylphthalate	117-84-0	WATER	Occult little brown myotis bat (water)	490000	µg/L		
Semivolatile Org	Di-n-octylphthalate	117-84-0	WATER	Red fox (water)	920000	µg/L		
Semivolatile Org	Nitrobenzene	98-95-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	27	mg/kg	FINAL	
Semivolatile Org	Nitrobenzene	98-95-3	SOIL	Deer mouse (Mammalian omnivore)	12	mg/kg		
Semivolatile Org	Nitrobenzene	98-95-3	SOIL	Desert cottontail (Mammalian herbivore)	19	mg/kg		
Semivolatile Org	Nitrobenzene	98-95-3	SOIL	Earthworm (Soil-dwelling invertebrate)	2.2	mg/kg	FINAL	
Semivolatile Org	Nitrobenzene	98-95-3	SOIL	Montane shrew (Mammalian insectivore)	20	mg/kg		
Semivolatile Org	Nitrobenzene	98-95-3	SOIL	Red fox (Mammalian top carnivore)	3300	mg/kg		
Semivolatile Org	Nitrobenzene	98-95-3	WATER	Aquatic community organisms - water	270	µg/L	FINAL	
Semivolatile Org	Nitrobenzene	98-95-3	WATER	Deer mouse (water)	36000	µg/L		
Semivolatile Org	Nitrobenzene	98-95-3	WATER	Desert cottontail (water)	71000	µg/L		
Semivolatile Org	Nitrobenzene	98-95-3	WATER	Montane shrew (water)	31000	µg/L		
Semivolatile Org	Nitrobenzene	98-95-3	WATER	Occult little brown myotis bat (water)	43000	µg/L		
Semivolatile Org	Nitrobenzene	98-95-3	WATER	Red fox (water)	80000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SEDIMENT	Aquatic community organisms - sediment	3.6	mg/kg	FINAL	
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	180	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	12	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	American kestrel (Avian intermediate carnivore)	55	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	American kestrel (Avian top carnivore)	180	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	American robin (Avian herbivore)	46	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	American robin (Avian insectivore)	8.8	mg/kg	FINAL	
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	American robin (Avian omnivore)	14	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	Deer mouse (Mammalian omnivore)	250	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	Desert cottontail (Mammalian herbivore)	2000	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	Montane shrew (Mammalian insectivore)	140	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	SOIL	Red fox (Mammalian top carnivore)	3600	mg/kg		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	American kestrel (water)	58000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	American robin (water)	50000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	Aquatic community organisms - water	10	µg/L	FINAL	
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	Deer mouse (water)	340000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	Desert cottontail (water)	670000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	Montane shrew (water)	290000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	Occult little brown myotis bat (water)	400000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	Red fox (water)	750000	µg/L		
Semivolatile Org	Pentachloronitrobenzene	82-68-8	WATER	Violet-green Swallow (water)	29000	µg/L		
Semivolatile Org	Pentachlorophenol	87-86-5	SEDIMENT	Aquatic community organisms - sediment	2.4	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	0.65	mg/kg	FINAL	
Semivolatile Org	Pentachlorophenol	87-86-5	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	5.3	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	American kestrel (Avian intermediate carnivore)	22	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	American kestrel (Avian top carnivore)	53	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	American robin (Avian herbivore)	28	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	American robin (Avian insectivore)	3.9	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	American robin (Avian omnivore)	6.9	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	Deer mouse (Mammalian omnivore)	0.94	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	Desert cottontail (Mammalian herbivore)	10	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	Earthworm (Soil-dwelling invertebrate)	10	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	Generic plant (Terrestrial autotroph - producer)	0.032	mg/kg	FINAL	
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	Montane shrew (Mammalian insectivore)	0.5	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	SOIL	Red fox (Mammalian top carnivore)	8.5	mg/kg		
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	American kestrel (water)	27000	µg/L		
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	American robin (water)	23000	µg/L		

Semivolatile Org	Pentachlorophenol	87-86-5	WATER	Aquatic community organisms - water	2.4	µg/L	FINAL	
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	Deer mouse (water)	1200	µg/L		
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	Desert cottontail (water)	2400	µg/L		
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	Montane shrew (water)	1000	µg/L		
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	Occult little brown myotis bat (water)	1500	µg/L		
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	Red fox (water)	2700	µg/L		
Semivolatile Org	Pentachlorophenol	87-86-5	WATER	Violet-green Swallow (water)	13000	µg/L		
Semivolatile Org	Phenol	108-95-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	240	mg/kg	FINAL	
Semivolatile Org	Phenol	108-95-2	SOIL	Deer mouse (Mammalian omnivore)	85	mg/kg		
Semivolatile Org	Phenol	108-95-2	SOIL	Desert cottontail (Mammalian herbivore)	120	mg/kg		
Semivolatile Org	Phenol	108-95-2	SOIL	Earthworm (Soil-dwelling invertebrate)	1.8	mg/kg		
Semivolatile Org	Phenol	108-95-2	SOIL	Generic plant (Terrestrial autotroph - producer)	0.79	mg/kg	FINAL	
Semivolatile Org	Phenol	108-95-2	SOIL	Montane shrew (Mammalian insectivore)	180	mg/kg		
Semivolatile Org	Phenol	108-95-2	SOIL	Red fox (Mammalian top carnivore)	29000	mg/kg		
Semivolatile Org	Phenol	108-95-2	WATER	Aquatic community organisms - water	110	µg/L	FINAL	
Semivolatile Org	Phenol	108-95-2	WATER	Deer mouse (water)	310000	µg/L		
Semivolatile Org	Phenol	108-95-2	WATER	Desert cottontail (water)	610000	µg/L		
Semivolatile Org	Phenol	108-95-2	WATER	Montane shrew (water)	260000	µg/L		
Semivolatile Org	Phenol	108-95-2	WATER	Occult little brown myotis bat (water)	370000	µg/L		
Semivolatile Org	Phenol	108-95-2	WATER	Red fox (water)	690000	µg/L		
Volatile Organic	Acetone	67-64-1	AIR	Botta's Pocket Gopher (Burrowing mammal)	530	mg/m^3	FINAL	
Volatile Organic	Acetone	67-64-1	SEDIMENT	Aquatic community organisms - sediment	0.065	mg/kg	FINAL	
Volatile Organic	Acetone	67-64-1	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	50	mg/kg		
Volatile Organic	Acetone	67-64-1	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	600	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	American kestrel (Avian intermediate carnivore)	3100	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	American kestrel (Avian top carnivore)	56000	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	American robin (Avian herbivore)	22	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	American robin (Avian insectivore)	420	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	American robin (Avian omnivore)	42	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	Deer mouse (Mammalian omnivore)	3.8	mg/kg	FINAL	
Volatile Organic	Acetone	67-64-1	SOIL	Desert cottontail (Mammalian herbivore)	4.3	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	Montane shrew (Mammalian insectivore)	37	mg/kg		
Volatile Organic	Acetone	67-64-1	SOIL	Red fox (Mammalian top carnivore)	5100	mg/kg		
Volatile Organic	Acetone	67-64-1	WATER	American kestrel (water)	1600000	µg/L		
Volatile Organic	Acetone	67-64-1	WATER	American robin (water)	1400000	µg/L		
Volatile Organic	Acetone	67-64-1	WATER	Aquatic community organisms - water	11000	µg/L	FINAL	
Volatile Organic	Acetone	67-64-1	WATER	Deer mouse (water)	52000	µg/L		
Volatile Organic	Acetone	67-64-1	WATER	Desert cottontail (water)	100000	µg/L		
Volatile Organic	Acetone	67-64-1	WATER	Montane shrew (water)	44000	µg/L		
Volatile Organic	Acetone	67-64-1	WATER	Occult little brown myotis bat (water)	62000	µg/L		
Volatile Organic	Acetone	67-64-1	WATER	Red fox (water)	110000	µg/L		
Volatile Organic	Acetone	67-64-1	WATER	Violet-green Swallow (water)	830000	µg/L		
Volatile Organic	Benzene	71-43-2	AIR	Botta's Pocket Gopher (Burrowing mammal)	25	mg/m^3	FINAL	
Volatile Organic	Benzene	71-43-2	SEDIMENT	Aquatic community organisms - sediment	0.057	mg/kg	FINAL	
Volatile Organic	Benzene	71-43-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	100	mg/kg		
Volatile Organic	Benzene	71-43-2	SOIL	Deer mouse (Mammalian omnivore)	55	mg/kg	FINAL	
Volatile Organic	Benzene	71-43-2	SOIL	Desert cottontail (Mammalian herbivore)	94	mg/kg		
Volatile Organic	Benzene	71-43-2	SOIL	Montane shrew (Mammalian insectivore)	76	mg/kg		
Volatile Organic	Benzene	71-43-2	SOIL	Red fox (Mammalian top carnivore)	12000	mg/kg		
Volatile Organic	Benzene	71-43-2	WATER	Aquatic community organisms - water	45	µg/L	FINAL	
Volatile Organic	Benzene	71-43-2	WATER	Deer mouse (water)	130000	µg/L		
Volatile Organic	Benzene	71-43-2	WATER	Desert cottontail (water)	270000	µg/L		
Volatile Organic	Benzene	71-43-2	WATER	Montane shrew (water)	110000	µg/L		
Volatile Organic	Benzene	71-43-2	WATER	Occult little brown myotis bat (water)	160000	µg/L		
Volatile Organic	Benzene	71-43-2	WATER	Red fox (water)	300000	µg/L		
Volatile Organic	Butanone[2-]	78-93-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	8000	mg/kg	FINAL	
Volatile Organic	Butanone[2-]	78-93-3	SOIL	Deer mouse (Mammalian omnivore)	1300	mg/kg	FINAL	
Volatile Organic	Butanone[2-]	78-93-3	SOIL	Desert cottontail (Mammalian herbivore)	1600	mg/kg		
Volatile Organic	Butanone[2-]	78-93-3	SOIL	Montane shrew (Mammalian insectivore)	6000	mg/kg		
Volatile Organic	Butanone[2-]	78-93-3	SOIL	Red fox (Mammalian top carnivore)	880000	mg/kg		
Volatile Organic	Butanone[2-]	78-93-3	WATER	Aquatic community organisms - water	20000	µg/L	FINAL	
Volatile Organic	Butanone[2-]	78-93-3	WATER	Deer mouse (water)	9300000	µg/L		
Volatile Organic	Butanone[2-]	78-93-3	WATER	Desert cottontail (water)	18000000	µg/L		
Volatile Organic	Butanone[2-]	78-93-3	WATER	Montane shrew (water)	7900000	µg/L		
Volatile Organic	Butanone[2-]	78-93-3	WATER	Occult little brown myotis bat (water)	11000000	µg/L		
Volatile Organic	Butanone[2-]	78-93-3	WATER	Red fox (water)	20000000	µg/L		
Volatile Organic	Carbon Tetrachloride	56-23-5	AIR	Botta's Pocket Gopher (Burrowing mammal)	5.7	mg/m^3	FINAL	
Volatile Organic	Chloroform	67-66-3	AIR	Botta's Pocket Gopher (Burrowing mammal)	20	mg/m^3	FINAL	
Volatile Organic	Chloroform	67-66-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	58	mg/kg	FINAL	
Volatile Organic	Chloroform	67-66-3	SOIL	Deer mouse (Mammalian omnivore)	28	mg/kg	FINAL	
Volatile Organic	Chloroform	67-66-3	SOIL	Desert cottontail (Mammalian herbivore)	44	mg/kg		
Volatile Organic	Chloroform	67-66-3	SOIL	Montane shrew (Mammalian insectivore)	44	mg/kg		
Volatile Organic	Chloroform	67-66-3	SOIL	Red fox (Mammalian top carnivore)	7200	mg/kg		
Volatile Organic	Chloroform	67-66-3	WATER	Aquatic community organisms - water	180	µg/L	FINAL	
Volatile Organic	Chloroform	67-66-3	WATER	Deer mouse (water)	78000	µg/L		
Volatile Organic	Chloroform	67-66-3	WATER	Desert cottontail (water)	150000	µg/L		
Volatile Organic	Chloroform	67-66-3	WATER	Montane shrew (water)	67000	µg/L		
Volatile Organic	Chloroform	67-66-3	WATER	Occult little brown myotis bat (water)	94000	µg/L		
Volatile Organic	Chloroform	67-66-3	WATER	Red fox (water)	170000	µg/L		
Volatile Organic	Chloromethane	74-87-3	AIR	Botta's Pocket Gopher (Burrowing mammal)	21	mg/m^3	FINAL	
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	SEDIMENT	Aquatic community organisms - sediment	0.35	mg/kg	FINAL	
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	8.2	mg/kg		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	SOIL	Deer mouse (Mammalian omnivore)	8.6	mg/kg		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	SOIL	Desert cottontail (Mammalian herbivore)	27	mg/kg		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	SOIL	Earthworm (Soil-dwelling invertebrate)	1.2	mg/kg	FINAL	
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	SOIL	Montane shrew (Mammalian insectivore)	6.3	mg/kg		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	SOIL	Red fox (Mammalian top carnivore)	430	mg/kg		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	WATER	Aquatic community organisms - water	15	µg/L	FINAL	

Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	WATER	Deer mouse (water)	13000	µg/L		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	WATER	Desert cottontail (water)	25000	µg/L		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	WATER	Montane shrew (water)	11000	µg/L		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	WATER	Occult little brown myotis bat (water)	15000	µg/L		
Volatile Organic	Dichlorobenzene[1,4-]	106-46-7	WATER	Red fox (water)	29000	µg/L		
Volatile Organic	Dichlorodifluoromethane	75-71-8	AIR	Botta's Pocket Gopher (Burrowing mammal)	2600	mg/m^3	FINAL	
Volatile Organic	Dichloroethane[1,1-]	75-34-3	AIR	Botta's Pocket Gopher (Burrowing mammal)	5600	mg/m^3	FINAL	
Volatile Organic	Dichloroethane[1,1-]	75-34-3	SEDIMENT	Aquatic community organisms - sediment	0.027	mg/kg	FINAL	
Volatile Organic	Dichloroethane[1,1-]	75-34-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	1500	mg/kg		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	SOIL	Deer mouse (Mammalian omnivore)	660	mg/kg	FINAL	
Volatile Organic	Dichloroethane[1,1-]	75-34-3	SOIL	Desert cottontail (Mammalian herbivore)	1000	mg/kg		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	SOIL	Montane shrew (Mammalian insectivore)	1100	mg/kg		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	SOIL	Red fox (Mammalian top carnivore)	180000	mg/kg		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	WATER	Aquatic community organisms - water	46	µg/L	FINAL	
Volatile Organic	Dichloroethane[1,1-]	75-34-3	WATER	Deer mouse (water)	2000000	µg/L		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	WATER	Desert cottontail (water)	3900000	µg/L		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	WATER	Montane shrew (water)	1700000	µg/L		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	WATER	Occult little brown myotis bat (water)	2400000	µg/L		
Volatile Organic	Dichloroethane[1,1-]	75-34-3	WATER	Red fox (water)	4400000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	AIR	Botta's Pocket Gopher (Burrowing mammal)	41	mg/m^3	FINAL	
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	200000	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	11000	mg/kg	FINAL	
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	American kestrel (Avian intermediate carnivore)	1500	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	American kestrel (Avian top carnivore)	1200	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	American robin (Avian herbivore)	2.3	mg/kg	FINAL	
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	American robin (Avian insectivore)	120	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	American robin (Avian omnivore)	4.5	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	Deer mouse (Mammalian omnivore)	89	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	Desert cottontail (Mammalian herbivore)	99	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	Montane shrew (Mammalian insectivore)	2300	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	SOIL	Red fox (Mammalian top carnivore)	24000	mg/kg		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	American kestrel (water)	38000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	American robin (water)	32000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	Aquatic community organisms - water	1100	µg/L	FINAL	
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	Deer mouse (water)	260000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	Desert cottontail (water)	510000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	Montane shrew (water)	220000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	Occult little brown myotis bat (water)	310000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	Red fox (water)	570000	µg/L		
Volatile Organic	Dichloroethane[1,2-]	107-06-2	WATER	Violet-green Swallow (water)	19000	µg/L		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	AIR	Botta's Pocket Gopher (Burrowing mammal)	5.7	mg/m^3	FINAL	
Volatile Organic	Dichloroethene[1,1-]	75-35-4	SEDIMENT	Aquatic community organisms - sediment	0.24	mg/kg	FINAL	
Volatile Organic	Dichloroethene[1,1-]	75-35-4	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	110	mg/kg		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	SOIL	Deer mouse (Mammalian omnivore)	63	mg/kg	FINAL	
Volatile Organic	Dichloroethene[1,1-]	75-35-4	SOIL	Desert cottontail (Mammalian herbivore)	100	mg/kg		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	SOIL	Montane shrew (Mammalian insectivore)	87	mg/kg		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	SOIL	Red fox (Mammalian top carnivore)	14000	mg/kg		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	WATER	Aquatic community organisms - water	190	µg/L	FINAL	
Volatile Organic	Dichloroethene[1,1-]	75-35-4	WATER	Deer mouse (water)	150000	µg/L		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	WATER	Desert cottontail (water)	300000	µg/L		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	WATER	Montane shrew (water)	130000	µg/L		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	WATER	Occult little brown myotis bat (water)	180000	µg/L		
Volatile Organic	Dichloroethene[1,1-]	75-35-4	WATER	Red fox (water)	340000	µg/L		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	SEDIMENT	Aquatic community organisms - sediment	0.034	mg/kg	FINAL	
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	170	mg/kg		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	SOIL	Deer mouse (Mammalian omnivore)	82	mg/kg	FINAL	
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	SOIL	Desert cottontail (Mammalian herbivore)	120	mg/kg		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	SOIL	Montane shrew (Mammalian insectivore)	130	mg/kg		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	SOIL	Red fox (Mammalian top carnivore)	21000	mg/kg		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	WATER	Aquatic community organisms - water	31	µg/L	FINAL	
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	WATER	Deer mouse (water)	230000	µg/L		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	WATER	Desert cottontail (water)	460000	µg/L		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	WATER	Montane shrew (water)	200000	µg/L		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	WATER	Occult little brown myotis bat (water)	280000	µg/L		
Volatile Organic	Dichloroethene[cis/trans-1,2-]	540-59-0	WATER	Red fox (water)	520000	µg/L		
Volatile Organic	Methylene Chloride	75-09-2	AIR	Botta's Pocket Gopher (Burrowing mammal)	1300	mg/m^3	FINAL	
Volatile Organic	Methylene Chloride	75-09-2	SEDIMENT	Aquatic community organisms - sediment	0.38	mg/kg	FINAL	
Volatile Organic	Methylene Chloride	75-09-2	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	24	mg/kg		
Volatile Organic	Methylene Chloride	75-09-2	SOIL	Deer mouse (Mammalian omnivore)	7.1	mg/kg	FINAL	
Volatile Organic	Methylene Chloride	75-09-2	SOIL	Desert cottontail (Mammalian herbivore)	9.6	mg/kg		
Volatile Organic	Methylene Chloride	75-09-2	SOIL	Generic plant (Terrestrial autotroph - producer)	1600	mg/kg		
Volatile Organic	Methylene Chloride	75-09-2	SOIL	Montane shrew (Mammalian insectivore)	18	mg/kg		
Volatile Organic	Methylene Chloride	75-09-2	SOIL	Red fox (Mammalian top carnivore)	2800	mg/kg		
Volatile Organic	Methylene Chloride	75-09-2	WATER	Aquatic community organisms - water	2200	µg/L	FINAL	
Volatile Organic	Methylene Chloride	75-09-2	WATER	Deer mouse (water)	30000	µg/L		
Volatile Organic	Methylene Chloride	75-09-2	WATER	Desert cottontail (water)	60000	µg/L		
Volatile Organic	Methylene Chloride	75-09-2	WATER	Montane shrew (water)	26000	µg/L		
Volatile Organic	Methylene Chloride	75-09-2	WATER	Occult little brown myotis bat (water)	36000	µg/L		
Volatile Organic	Methylene Chloride	75-09-2	WATER	Red fox (water)	68000	µg/L		
Volatile Organic	Tetrachloroethene	127-18-4	AIR	Botta's Pocket Gopher (Burrowing mammal)	73	mg/m^3	FINAL	
Volatile Organic	Tetrachloroethene	127-18-4	SEDIMENT	Aquatic community organisms - sediment	0.53	mg/kg	FINAL	
Volatile Organic	Tetrachloroethene	127-18-4	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	7.2	mg/kg		
Volatile Organic	Tetrachloroethene	127-18-4	SOIL	Deer mouse (Mammalian omnivore)	5.4	mg/kg	FINAL	
Volatile Organic	Tetrachloroethene	127-18-4	SOIL	Desert cottontail (Mammalian herbivore)	11	mg/kg		
Volatile Organic	Tetrachloroethene	127-18-4	SOIL	Generic plant (Terrestrial autotroph - producer)	10	mg/kg		
Volatile Organic	Tetrachloroethene	127-18-4	SOIL	Montane shrew (Mammalian insectivore)	5.5	mg/kg		
Volatile Organic	Tetrachloroethene	127-18-4	SOIL	Red fox (Mammalian top carnivore)	940	mg/kg		
Volatile Organic	Tetrachloroethene	127-18-4	WATER	Aquatic community organisms - water	120	µg/L	FINAL	

Volatile Organic	Tetrachloroethene	127-18-4	WATER	Deer mouse (water)	10000	µg/L		
Volatile Organic	Tetrachloroethene	127-18-4	WATER	Desert cottontail (water)	20000	µg/L		
Volatile Organic	Tetrachloroethene	127-18-4	WATER	Montane shrew (water)	8900	µg/L		
Volatile Organic	Tetrachloroethene	127-18-4	WATER	Occult little brown myotis bat (water)	12000	µg/L		
Volatile Organic	Tetrachloroethene	127-18-4	WATER	Red fox (water)	23000	µg/L		
Volatile Organic	Toluene	108-88-3	AIR	Botta's Pocket Gopher (Burrowing mammal)	60	mg/m^3	FINAL	
Volatile Organic	Toluene	108-88-3	SEDIMENT	Aquatic community organisms - sediment	0.67	mg/kg	FINAL	
Volatile Organic	Toluene	108-88-3	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	92	mg/kg		
Volatile Organic	Toluene	108-88-3	SOIL	Deer mouse (Mammalian omnivore)	73	mg/kg		
Volatile Organic	Toluene	108-88-3	SOIL	Desert cottontail (Mammalian herbivore)	160	mg/kg		
Volatile Organic	Toluene	108-88-3	SOIL	Generic plant (Terrestrial autotroph - producer)	200	mg/kg		
Volatile Organic	Toluene	108-88-3	SOIL	Montane shrew (Mammalian insectivore)	70	mg/kg	FINAL	
Volatile Organic	Toluene	108-88-3	SOIL	Red fox (Mammalian top carnivore)	12000	mg/kg		
Volatile Organic	Toluene	108-88-3	WATER	Aquatic community organisms - water	130	µg/L	FINAL	
Volatile Organic	Toluene	108-88-3	WATER	Deer mouse (water)	130000	µg/L		
Volatile Organic	Toluene	108-88-3	WATER	Desert cottontail (water)	260000	µg/L		
Volatile Organic	Toluene	108-88-3	WATER	Montane shrew (water)	110000	µg/L		
Volatile Organic	Toluene	108-88-3	WATER	Occult little brown myotis bat (water)	160000	µg/L		
Volatile Organic	Toluene	108-88-3	WATER	Red fox (water)	300000	µg/L		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	SEDIMENT	Aquatic community organisms - sediment	9.6	mg/kg		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	4.5	mg/kg	FINAL	
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	SOIL	Deer mouse (Mammalian omnivore)	5.6	mg/kg		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	SOIL	Desert cottontail (Mammalian herbivore)	27	mg/kg		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	SOIL	Earthworm (Soil-dwelling invertebrate)	1.2	mg/kg	FINAL	
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	SOIL	Montane shrew (Mammalian insectivore)	3.5	mg/kg		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	SOIL	Red fox (Mammalian top carnivore)	150	mg/kg		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	WATER	Aquatic community organisms - water	110	µg/L	FINAL	
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	WATER	Deer mouse (water)	7700	µg/L		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	WATER	Desert cottontail (water)	15000	µg/L		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	WATER	Montane shrew (water)	6600	µg/L		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	WATER	Occult little brown myotis bat (water)	9300	µg/L		
Volatile Organic	Trichlorobenzene[1,2,4-]	120-82-1	WATER	Red fox (water)	17000	µg/L		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	AIR	Botta's Pocket Gopher (Burrowing mammal)	240	mg/m^3	FINAL	
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	SEDIMENT	Aquatic community organisms - sediment	0.17	mg/kg	FINAL	
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	3600	mg/kg		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	SOIL	Deer mouse (Mammalian omnivore)	2500	mg/kg	FINAL	
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	SOIL	Desert cottontail (Mammalian herbivore)	4800	mg/kg		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	SOIL	Montane shrew (Mammalian insectivore)	2800	mg/kg		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	SOIL	Red fox (Mammalian top carnivore)	470000	mg/kg		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	WATER	Aquatic community organisms - water	62	µg/L	FINAL	
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	WATER	Deer mouse (water)	5200000	µg/L		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	WATER	Desert cottontail (water)	10000000	µg/L		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	WATER	Montane shrew (water)	4400000	µg/L		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	WATER	Occult little brown myotis bat (water)	6200000	µg/L		
Volatile Organic	Trichloroethane[1,1,1-]	71-55-6	WATER	Red fox (water)	11000000	µg/L		
Volatile Organic	Trichloroethene	79-01-6	AIR	Botta's Pocket Gopher (Burrowing mammal)	19	mg/m^3	FINAL	
Volatile Organic	Trichloroethene	79-01-6	SEDIMENT	Aquatic community organisms - sediment	1.6	mg/kg	FINAL	
Volatile Organic	Trichloroethene	79-01-6	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	350	mg/kg		
Volatile Organic	Trichloroethene	79-01-6	SOIL	Deer mouse (Mammalian omnivore)	270	mg/kg	FINAL	
Volatile Organic	Trichloroethene	79-01-6	SOIL	Desert cottontail (Mammalian herbivore)	590	mg/kg		
Volatile Organic	Trichloroethene	79-01-6	SOIL	Montane shrew (Mammalian insectivore)	270	mg/kg	FINAL	
Volatile Organic	Trichloroethene	79-01-6	SOIL	Red fox (Mammalian top carnivore)	46000	mg/kg		
Volatile Organic	Trichloroethene	79-01-6	WATER	Aquatic community organisms - water	350	µg/L	FINAL	
Volatile Organic	Trichloroethene	79-01-6	WATER	Deer mouse (water)	520000	µg/L		
Volatile Organic	Trichloroethene	79-01-6	WATER	Desert cottontail (water)	1000000	µg/L		
Volatile Organic	Trichloroethene	79-01-6	WATER	Montane shrew (water)	440000	µg/L		
Volatile Organic	Trichloroethene	79-01-6	WATER	Occult little brown myotis bat (water)	620000	µg/L		
Volatile Organic	Trichloroethene	79-01-6	WATER	Red fox (water)	1100000	µg/L		
Volatile Organic	Trichlorofluoromethane	75-69-4	AIR	Botta's Pocket Gopher (Burrowing mammal)	820	mg/m^3	FINAL	
Volatile Organic	Xylene (Total)	1330-20-7	AIR	Botta's Pocket Gopher (Burrowing mammal)	87	mg/m^3	FINAL	
Volatile Organic	Xylene (Total)	1330-20-7	SEDIMENT	Aquatic community organisms - sediment	1.1	mg/kg	FINAL	
Volatile Organic	Xylene (Total)	1330-20-7	SEDIMENT	Occult little brown myotis bat (Mammalian aerial insectivore)	7.1	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SEDIMENT	Violet-green Swallow (Avian aerial insectivore)	210	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	American kestrel (Avian intermediate carnivore)	1000	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	American kestrel (Avian top carnivore)	10000	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	American robin (Avian herbivore)	230	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	American robin (Avian insectivore)	150	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	American robin (Avian omnivore)	180	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	Deer mouse (Mammalian omnivore)	6.8	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	Desert cottontail (Mammalian herbivore)	19	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	Generic plant (Terrestrial autotroph - producer)	100	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	Montane shrew (Mammalian insectivore)	5.4	mg/kg	FINAL	
Volatile Organic	Xylene (Total)	1330-20-7	SOIL	Red fox (Mammalian top carnivore)	430	mg/kg		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	American kestrel (water)	880000	µg/L		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	American robin (water)	760000	µg/L		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	Aquatic community organisms - water	86	µg/L	FINAL	
Volatile Organic	Xylene (Total)	1330-20-7	WATER	Deer mouse (water)	11000	µg/L		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	Desert cottontail (water)	21000	µg/L		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	Montane shrew (water)	9400	µg/L		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	Occult little brown myotis bat (water)	13000	µg/L		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	Red fox (water)	24000	µg/L		
Volatile Organic	Xylene (Total)	1330-20-7	WATER	Violet-green Swallow (water)	440000	µg/L		