Hazardous Waste Section – Compliance Branch
Soil Cleanup Goals (SCG) for Hazardous Waste Generators

October 2024

(based on May 2024 USEPA Regional Screening Tables)

These notes must be used with the Hazardous Waste Section – Compliance Branch SCG Table

General Notes:

1. For clean closure, hazardous waste generators must remove ALL wastes and meet the LOWEST VALUE of: (1) the level most protective of human health through direct contact (residential level; unrestricted-use level) and (2) the soil screening level protective of groundwater. Before soil that contains hazardous waste is excavated for purposes of treatment, management, and/or subsequent disposal, Branch staff should be contacted for assistance to address Land Disposal Restrictions found in 40 CFR Part 268.
2. SCGs are obtained using the USEPA Regional Screening Level (RSL) table. If a contaminant does not have a SCG listed, then one or more of the contaminant-specific parameters are not available from the RSL table to calculate a soil SCG (these contaminants are only included in the SCG table to account for all entries on the RSL table). If a 02L Standard or IMAC is available for a contaminant with no SCG, protection of groundwater evaluation is still necessary. Please contact Branch staff for further guidance if a protection of groundwater evaluation is required. If no SCG is available and a protection of groundwater evaluation is not possible for a contaminant of concern, the Method Detection Limit (MDL) or a calculated Practical Quantitation Limit (PQL) will be used as the unrestricted-use-cleanup level.
3. Bold contaminants have SCGs below applicable LDRs found in 40 CFR Part 268. Please contact Branch staff prior to managing these contaminants of concern for further guidance before establishing unrestricted-use-cleanup levels.
4. The **health-based SCGs** (Residential; unrestricted-use) are based upon human health risk and do not address potential ecological risk. The SCGs listed are the lower of:
    a. the carcinogenic target risk of 1.0E-06 (**C**), or
    b. the non-carcinogenic target hazard quotient of 0.2 (**N**).

    Residential health-based SCGs are unrestricted-use goals and must be met by hazardous waste generators for clean-closure.
5. The **protection of groundwater SCGs** are provided as a conservative indicator of soil leachability and are developed using a USEPA soil leaching model with conservative assumptions and default values appropriate for North Carolina (see **Equation 1** on page 4). The target groundwater concentration used in the equation is either:
    a. **2L or IMAC** – a North Carolina 15A NCAC 02L Groundwater Quality Standard (2L) or an Interim Maximum Allowable Concentration (IMAC),

b. **Calculated** – For contaminants with no 02L Standard or IMAC, a target groundwater concentration is calculated using the procedures and references in 15A NCAC 02L.0202 (see **Equation 2** on page 5). The calculated groundwater concentration is then used in **Equation 1**. Check with the appropriate remedial program guidance to ensure applicability of a calculated groundwater concentration prior to use. *Use of these calculated soil-to-groundwater SCGs in no way exempts compliance from the 15A NCAC 02L Standards or IMACs, including the use of the Practical Quantitation Limit (PQL) where no numeric standard currently exists. Contact Branch staff for further assistance if no standard exists.*

6. If more than five contaminants with non-carcinogenic effects are detected at a site, including those where a lab reporting limit is greater than a SCG, contact Branch staff so the SCG can be adjusted.

Compound-Specific Notes:

1. **Cadmium**: Compare soil results with the Cadmium (Diet) SCG.
2. **Chromium**: USEPA does not provide an RSL for Total Chromium (Cr). Non-speciated Total Cr results must be compared to the Cr (VI) SCG. Speciated results for Cr (III) and Cr (VI) should be compared to the corresponding SCG. Cr levels that have been demonstrated to be the result of natural background concentrations do not require screening.
3. **Cyanide**: Analyze for total cyanide and compare the results to the lowest SCG for a cyanide species on the table (unless analyses for both total cyanide and specific species are available to demonstrate all of the cyanide is of one particular species).
4. **Dioxins and Furans:** Multiply the individual dioxin and furan isomer concentrations by their associated toxicity equivalency factor (TEF) shown in the table below. Sum the adjusted concentrations of all dioxins and furans and compare the result to the 2,3,7,8-Tetrachlorodizenzo-p-dioxin (2,3,7,8-TCDD) SCG.

CASRN	Dioxins and Furans	TEF
Chlorinated dibenzo-p-dioxins		
1746-01-6	2,3,7,8-TCDD	1
40321-76-4	1,2,3,7,8-PeCDD	1
39227-28-6	1,2,3,4,7,8-HxCDD	0.1
57653-85-7	1,2,3,6,7,8-HxCDD	0.1
57653-85-7	1,2,3,7,8,9-HxCDD	0.1
35822-46-9	1,2,3,4,6,7,8-HpCDD	0.01
3268-87-9	OCDD	0.0003
CASRN	**Dioxins and Furans**	**TEF**
Chlorinated dibenzofurans		
51207-31-9	2,3,7,8-TCDF	0.1
57117-41-6	1,2,3,7,8-PeCDF	0.03
57117-31-4	2,3,4,7,8-PeCDF	0.3
70648-26-9	1,2,3,4,7,8-HxCDF	0.1
57117-44-9	1,2,3,6,7,8-HxCDF	0.1
72918-21-9	1,2,3,7,8,9-HxCDF	0.1

60851-34-5	2,3,4,6,7,8-HxCDF	0.1
35822-46-9	1,2,3,4,6,7,8-HpCDF	0.01
55673-89-7	1,2,3,4,7,8,9-HpCDF	0.01
39001-02-0	OCDF	0.0003

5. **Lead Compounds:**
    a. Residential health-based: The SCG is the EPA RSL of 200 mg/kg (updated 1/17/24). However, where additional sources of lead are present (e.g., lead water service lines, lead-based paint and/or non-attainment areas where the air lead concentrations exceed the national ambient air quality standards set by the EPA), the SCG is 100 mg/kg.
    b. Industrial/commercial health-based: The SCG is the EPA RSL of 800 mg/kg.
6. **Manganese**: USEPA provides RSLs for both diet and non-diet. Use the non-diet SCG for comparison, which excludes the dietary contribution from the normal US diet.
7. **Mercury**: Unless it is known what species of mercury is present at the site, use the 'Mercuric Chloride (and other Mercury salts)' SCG. If methyl mercury formation or mercury vapor inhalation is likely, contact DEQ for further guidance. .
8. **Nickel**: Unless the release occurred in the last six months and it is clearly known which species of this metal was released, the SCG for "soluble salt" should be used.
9. **PCBs**: SCGs are provided for the 12 dioxin-like PCB congeners. Total the remaining 197 congener concentrations and compare the sum to the "PCBs (high risk)" SCG. Aroclor SCGs should only be used for gross screening and with approval from the appropriate remediation program within DEQ.
10. **Per- and Polyfluoroalkyl Substances (PFAS)**: The SCG table contains several species of individual PFAS compounds. The SCg values are typically the same for the salt, acid, and anionic species of each compound. Use the SCGs provided for the acid species (the one with an acronym in parentheses). Although environmental contamination is typically associated with anion species, the acid species is used because the acid species has had the most reference value information. An example of the species associated with a single PFAS compound is shown below with the preferred SCG form highlighted in blue. Protection of groundwater SCGs are not provided for PFAS. If PFAS are detected in soil, co-located groundwater should be tested for PFAS to determine if the protection of groundwater criterium is met or if nearby water supplies could be at risk

Example showing the PFAS species for PFBA

	CAS No.	Analyte	Chemical Form
PFBA	10495-86-0	~Ammonium perfluorobutanoate	Ammonium Salt
	2966-54-3	~Potassium heptafluorobutanoate	Potassium Salt
	2218-54-4	~Sodium perfluorobutanoate	Sodium Salt
	45048-62-2	~Perfluorobutanoate	Anion
	375-22-4	~Perfluorobutanoic acid (PFBA)	Acid

11. **Phosphates**: Unless it is known which species is present, use the "Potassium Salts of Inorganic Phosphates" SCG. This includes laboratory results that report Phosphorus with a CAS of 7723-14-0.
12. **Thallium**: Unless it is clearly known which species of this metal was released, the SCG for "soluble salt" should be used.
13. **Total Petroleum Hydrocarbons (TPH)**: TPH is a term intended to refer to the total mass of hydrocarbons present without identifying individual compounds. Because TPH is not a consistent entity, the assessment of health effects and development of toxicity values for mixtures of hydrocarbons are problematic. Therefore, the individual chemical constituents should be analyzed for risk assessment rather than rely on TPH data. In fact, most of the carcinogens in the TPH carbon range are individually listed on the SCG table. Combining TPH and individual constituent cancer risks would be overly protective.
    To better understand the TPH screening levels in the SCG Table, the associated carbon ranges and 2L Standards are provided below. More information on USEPA's RSLs for TPH can be found here: Regional Screening Levels (RSLs) - Frequent Questions | US EPA
    Protection of groundwater SCGGs are only provided for the two TPH carbon ranges that have both an EPA RSL and a 2L Standard, Aliphatic Low and Aliphatic Medium. See table below for a comparison of the carbon ranges.

EPA Designation for TPH	Associated Carbon Range (per EPA RSL FAQs)	Associated Carbon Range with NC 2L Groundwater Standard Calculation	NC 2L Groundwater Standard (mg/L)
Aliphatic Low	C5-C8	C5-C8	0.4
Aliphatic Medium	C9-C18	C9-C18	0.7
Aliphatic High	C19-C32	C19-C36	10
Aromatic Low	C6-C8	NA	NA
Aromatic Medium	C9-C10	C9-C22	0.2
Aromatic High	C10-C32	NA	NA

NA - not available

Please contact Branch staff if you have a contaminant not listed on the SCG Table.

Equations Used to Calculate the Protection of Groundwater SCG

<u>Equation 1</u> calculates a target soil concentration that serves as a leachability screening level. (from USEPA soil to groundwater RSL calculation):

$$C_{soil} = C_{gw}\left[k_s + \frac{(\theta_w + \theta_a H')}{P_b}\right] df$$

	Parameters	Default Values	Units
C_{soil}	Calculated Source Concentration for soil	not applicable	mg/kg - soil
C_{gw}	Applicable Groundwater Target Concentration: 15A NCAC 02L Standard	02L standard or IMACs	mg/L - water
df	Dilution factor	20 (0.5 acre source area)[1]	unitless
ks	Soil-water partition coefficient for organic constituents ks = koc x foc for inorganic constituents ks = kd	Calculated from koc and foc, or Kd	L/kg
koc	Soil organic carbon-water partition coefficient	contaminant-specific[2]	L/kg
foc	Fraction of organic carbon in subsurface vadose soils	0.002 (0.2%)[3]	kg/kg
kd	Soil-water partition coefficient for inorganics	contaminant-specific[2] (pH=5.5)	L/kg
θw	Water-filled soil porosity-vadose soils	0.3[3]	Lwater/Lsoil
θa	Air-filled soil porosity-vadose soils	0.13[3]	Lair/Lsoil
Pb	Dry bulk density	1.5[3]	kg/L
H'	Henry's Law constant-dimensionless where: H' = Henry's Law constant (atm- m3/mole) x conversion factor of 41	contaminant-specific[2]	unitless

1 - USEPA default value from USEPA 1996 Soil Screening Guidance
2 - USEPA value from the RS contaminant-specific parameter supporting table:
https://semspub.epa.gov/work/HQ/199954.pdf
3 - DEQ default value appropriate for North Carolina

<u>Equation 2</u> calculates a target groundwater concentration that can be used in Equation 1 when no 2L standard or IMAC is available (based on 15A NCAC 02L .0202 methodology). C_{gw} in Equation 1 becomes the lower of the following calculated groundwater concentrations:

$$C_{gw}(C) = (TCR \times BW) / (CSFo \times IR)$$

$$C_{gw}(N) = (THQ \times RfDo \times BW \times RSC) / (IR)$$

Symbol	Parameter	Default Values	Units
$C_{gw}(C)$	Calculated groundwater concentration based on carcinogenic risk	Calculated	mg/L
$C_{gw}(N)$	Calculated groundwater concentration based on non-carcinogenic risk	Calculated	mg/L
TCR	Target cancer risk	1.0E-06	unitless
THQ	Target hazard quotient	1.0	unitless
RfDo	Oral reference dose	Contaminant-specific	mg/kg-day
CSFo	Oral cancer Slope Factor	Contaminant-specific	(mg/kg-day)-1
BW	Body weight	70	kg
IR	Ingestion Rate	2	L/day
RSC	Relative source contribution	0.1 for inorganics and 0.2 for organics	unitless

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)

October 2024

(based on May 2024 USEPA Regional Screening Tables)

This table must be used with the SCG Notes/ See Compound-Specific Notes for chemicals in *blue*.

CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
30560-19-1	Acephate	3.8E+00	N	9.2E-03	Calculated	Yes
75-07-0	Acetaldehyde	1.2E+01	C			Yes
34256-82-1	Acetochlor	2.5E+02	N	1.6E+00	2L or IMAC	Yes
67-64-1	Acetone	1.4E+04	N	2.5E+01	2L or IMAC	Yes
75-86-5	Acetone Cyanohydrin	2.5E+07	N			Yes
75-05-8	Acetonitrile	1.7E+02	N			Yes
98-86-2	Acetophenone	1.6E+03	N	4.3E+00	2L or IMAC	Yes
53-96-3	Acetylaminofluorene, 2-	1.4E-01	C	8.5E-04	Calculated	
107-02-8	Acrolein	3.1E-02	N	1.6E-02	2L or IMAC	Yes
79-06-1	Acrylamide	2.4E-01	C	3.4E-05	2L or IMAC	Yes
79-10-7	Acrylic Acid	4.2E+00	N	1.4E+01	Calculated	Yes
107-13-1	Acrylonitrile	2.7E-01	C	2.8E-04	Calculated	Yes
111-69-3	Adiponitrile	7.4E+07	N			Yes
15972-60-8	Alachlor	9.7E+00	C	3.3E-02	2L or IMAC	Yes
116-06-3	Aldicarb	1.3E+01	N	3.5E-02	Calculated	Yes
1646-88-4	Aldicarb Sulfone	1.3E+01	N	3.1E-02	Calculated	Yes
1646-87-3	Aldicarb sulfoxide					
309-00-2	Aldrin	3.9E-02	C	6.6E-03	2L or IMAC	Yes
107-18-6	Allyl Alcohol	7.5E-01	N	1.1E-01	Calculated	Yes
107-05-1	Allyl Chloride	3.5E-01	N	1.1E-02	Calculated	Yes
7429-90-5	Aluminum	1.6E+04	N	1.1E+05	Calculated	Yes
20859-73-8	Aluminum Phosphide	6.3E+00	N			Yes
834-12-8	Ametryn	1.1E+02	N	1.3E+00	Calculated	Yes
92-67-1	Aminobiphenyl, 4-	2.6E-02	C	1.7E-04	Calculated	
591-27-5	Aminophenol, m-	1.0E+03	N	4.3E+00	Calculated	Yes
95-55-6	Aminophenol, o-	5.1E+01	N	2.2E-01	Calculated	Yes
123-30-8	Aminophenol, p-	2.5E+02	N	1.1E+00	Calculated	Yes
33089-61-1	Amitraz	3.2E+01	N	1.8E+02	Calculated	Yes
7664-41-7	Ammonia					
131-74-8	Ammonium Picrate	2.5E+01	N	1.3E+00	Calculated	Yes
7773-06-0	Ammonium Sulfamate	3.1E+03	N			Yes
75-85-4	Amyl Alcohol, tert-	1.7E+01	N			Yes
62-53-3	Aniline	8.8E+01	N	4.2E-02	Calculated	Yes
84-65-1	Anthraquinone, 9,10-	1.4E+01	C	1.8E-01	Calculated	Yes
7440-36-0	Antimony (metallic)	6.3E+00	N	9.0E-01	2L or IMAC	Yes
1314-60-9	Antimony Pentoxide	7.8E+00	N			Yes
1332-81-6	Antimony Tetroxide	6.3E+00	N			Yes
1309-64-4	Antimony Trioxide	2.5E+06	N			Yes
7440-38-2	Arsenic, Inorganic	6.8E-01	C	5.8E+00	2L or IMAC	Yes
7784-42-1	Arsine	5.5E-02	N			Yes
1332-21-4	Asbestos (units in fibers)					
3337-71-1	Asulam	4.6E+03	N	1.3E+01	Calculated	Yes
1912-24-9	Atrazine	2.4E+00	C	3.9E-02	2L or IMAC	Yes
492-80-8	Auramine	6.2E-01	C	7.2E-03	Calculated	
65195-55-3	Avermectin B1	5.1E+00	N	9.8E+01	Calculated	Yes
86-50-0	Azinphos-methyl	3.8E+01	N	1.3E-01	Calculated	Yes

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
103-33-3	Azobenzene	5.6E+00	C	4.9E-02	Calculated	
123-77-3	Azodicarbonamide	1.1E+04	N	4.7E+01	Calculated	Yes
7440-39-3	Barium	3.1E+03	N	5.8E+02	2L or IMAC	Yes
1861-40-1	Benfluralin	7.8E+01	N	2.3E+01	Calculated	Yes
17804-35-2	Benomyl	6.3E+02	N	6.1E+00	Calculated	Yes
83055-99-6	Bensulfuron-methyl	2.5E+03	N	7.2E+00	Calculated	Yes
25057-89-0	Bentazon	3.8E+02	N	9.2E-01	Calculated	Yes
100-52-7	Benzaldehyde	1.7E+02	C	3.1E+00	2L or IMAC	Yes
71-43-2	Benzene	1.2E+00	C	1.0E-02	2L or IMAC	Yes
25551-13-7	Benzene, Trimethyl	1.1E+01	N			Yes
6369-59-1	Benzenediamine-2-methyl sulfate, 1,4-	3.8E+00	N	1.9E-03	Calculated	Yes
108-98-5	Benzenethiol	1.6E+01	N	9.4E-02	Calculated	Yes
92-87-5	Benzidine	5.3E-04	C	7.9E-06	Calculated	Yes
65-85-0	Benzoic Acid	5.1E+04	N	1.2E+02	2L or IMAC	Yes
98-07-7	Benzotrichloride	5.3E-02	C	1.2E-04	Calculated	
100-51-6	Benzyl Alcohol	1.3E+03	N	3.4E+00	2L or IMAC	Yes
100-44-7	Benzyl Chloride	1.1E+00	C	4.5E-03	Calculated	Yes
7440-41-7	Beryllium and compounds	3.1E+01	N	6.3E+01	2L or IMAC	Yes
42576-02-3	Bifenox	1.1E+02	N	9.5E+00	Calculated	Yes
82657-04-3	Biphenthrin	1.9E+02	N	9.5E+03	Calculated	Yes
92-52-4	Biphenyl, 1,1'-	1.0E+01	N	8.4E+01	2L or IMAC	Yes
108-60-1	Bis(2-chloro-1-methylethyl) ether	6.3E+02	N	2.1E+00	Calculated	Yes
111-91-1	Bis(2-chloroethoxy)methane	3.8E+01	N	9.6E-02	Calculated	Yes
111-44-4	Bis(2-chloroethyl)ether	2.4E-01	C	1.6E-04	2L or IMAC	
542-88-1	Bis(chloromethyl)ether	8.8E-05	C	7.5E-07	Calculated	
80-05-7	Bisphenol A	6.3E+02	N	5.3E+02	Calculated	Yes
7440-42-8	Boron And Borates Only	3.1E+03	N	4.5E+01	2L or IMAC	Yes
10294-34-5	Boron Trichloride	3.1E+04	N			Yes
7637-07-2	Boron Trifluoride	6.3E+02	N			Yes
15541-45-4	Bromate	9.9E-01	C	7.7E-03	Calculated	Yes
107-04-0	Bromo-2-chloroethane, 1-	7.5E-02	N	4.0E-03	Calculated	Yes
1073-06-9	Bromo-3-fluorobenzene, 1-	4.7E+00	N	4.0E-02	Calculated	Yes
460-00-4	Bromo-4-fluorobenzene, 1-	4.7E+00	N	4.0E-02	Calculated	Yes
79-08-3	Bromoacetic acid					
108-86-1	Bromobenzene	5.9E+01	N	7.6E-01	Calculated	Yes
74-97-5	Bromochloromethane	3.2E+01	N			Yes
75-27-4	Bromodichloromethane	3.1E-01	C	3.3E-03	2L or IMAC	Yes
75-25-2	Bromoform	2.0E+01	C	2.1E-02	2L or IMAC	Yes
74-83-9	Bromomethane	1.4E+00	N	5.0E-02	2L or IMAC	Yes
2104-96-3	Bromophos	7.8E+01	N	3.0E+00	Calculated	Yes
106-94-5	Bromopropane, 1-	1.7E+00	C			Yes
1689-84-5	Bromoxynil	5.3E+00	C	5.8E-03	Calculated	Yes
1689-99-2	Bromoxynil Octanoate	6.7E+00	C	5.9E-02	Calculated	Yes
106-99-0	Butadiene, 1,3-	8.0E-02	C	6.3E-04	Calculated	Yes

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
71-36-3	Butanol, N-	1.6E+03	N	2.4E+00	2L or IMAC	Yes
75-65-0	Butyl Alcohol, t-	1.4E+03	C	4.1E-02	2L or IMAC	Yes
78-92-2	Butyl alcohol, sec-	2.7E+04	N	4.1E+01	2L or IMAC	Yes
2008-41-5	Butylate	7.8E+02	N	6.8E+00	Calculated	Yes
25013-16-5	Butylated hydroxyanisole	2.7E+03	C	6.6E+00	Calculated	
128-37-0	Butylated hydroxytoluene	1.5E+02	C	5.8E+00	Calculated	Yes
104-51-8	Butylbenzene, n-	7.8E+02	N	4.5E+00	2L or IMAC	Yes
135-98-8	Butylbenzene, sec-	1.6E+03	N	4.1E+00	2L or IMAC	Yes
98-06-6	Butylbenzene, tert-	1.6E+03	N	3.1E+00	2L or IMAC	Yes
75-60-5	Cacodylic Acid	2.5E+02	N	8.1E-01	Calculated	Yes
7440-43-9	Cadmium (Diet)	1.4E+00	N	3.0E+00	2L or IMAC	Yes
7440-43-9	Cadmium (Water)					
105-60-2	Caprolactam	6.3E+03	N	2.0E+01	2L or IMAC	Yes
2425-06-1	Captafol	3.6E+00	C	8.2E-03	Calculated	Yes
133-06-2	Captan	2.4E+02	C	2.1E-01	Calculated	Yes
63-25-2	Carbaryl	1.3E+03	N	1.3E+01	Calculated	Yes
1563-66-2	Carbofuran	6.3E+01	N	3.1E-01	2L or IMAC	Yes
75-15-0	Carbon Disulfide	1.6E+02	N	4.1E+00	2L or IMAC	Yes
56-23-5	Carbon Tetrachloride	6.9E-01	C	2.3E-03	2L or IMAC	Yes
463-58-1	Carbonyl Sulfide	1.4E+01	N			Yes
55285-14-8	Carbosulfan	1.3E+02	N	3.4E+01	Calculated	Yes
5234-68-4	Carboxin	1.3E+03	N	7.5E+00	Calculated	Yes
1306-38-3	Ceric oxide	1.1E+07	N			Yes
302-17-0	Chloral Hydrate	1.6E+03	N	2.8E+00	Calculated	Yes
133-90-4	Chloramben	1.9E+02	N	5.1E-01	Calculated	Yes
E701235	Chloramines, Organic					
118-75-2	Chloranil	1.3E+00	C	1.4E-03	Calculated	
5103-71-9	Chlordane (alpha)	7.1E+00	N	9.5E+00	Calculated	Yes
5103-74-2	Chlordane (gamma)	7.1E+00	N	9.5E+00	Calculated	Yes
12789-03-6	Chlordane (technical mixture)	1.7E+00	C	2.7E-01	2L or IMAC	Yes
143-50-0	Chlordecone (Kepone)	5.4E-02	C	2.5E-03	Calculated	Yes
470-90-6	Chlorfenvinphos	8.8E+00	N	2.7E-01	Calculated	Yes
90982-32-4	Chlorimuron, Ethyl-	1.1E+03	N	4.3E+00	Calculated	Yes
7782-50-5	Chlorine	3.9E-02	N	3.4E+00	Calculated	Yes
10049-04-4	Chlorine Dioxide	4.7E+02	N			Yes
7758-19-2	Chlorite (Sodium Salt)	4.7E+02	N			Yes
75-68-3	Chloro-1,1-difluoroethane, 1-	1.1E+04	N			Yes
126-99-8	Chloro-1,3-butadiene, 2- (Chloroprene)	1.1E-02	C	1.5E+00	Calculated	Yes
3165-93-3	Chloro-2-methylaniline HCl, 4-	1.2E+00	C	1.4E-03	Calculated	
95-69-2	Chloro-2-methylaniline, 4-	5.4E+00	C	4.0E-03	Calculated	Yes
107-20-0	Chloroacetaldehyde, 2-	2.6E+00	C	5.2E-04	Calculated	
79-11-8	Chloroacetic Acid					
532-27-4	Chloroacetophenone, 2-	3.7E+05	N			Yes
106-47-8	Chloroaniline, p-	2.7E+00	C	1.5E-03	Calculated	Yes
108-90-7	Chlorobenzene	5.8E+01	N	6.8E-01	2L or IMAC	Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

This table must be used with the SCG Notes/ See Compound-Specific Notes for chemicals in *blue*.

CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
98-66-8	Chlorobenzene sulfonic acid, p-	1.3E+03	N	3.2E+00	Calculated	Yes
510-15-6	Chlorobenzilate	4.9E+00	C	2.1E-02	Calculated	Yes
74-11-3	Chlorobenzoic Acid, p-	3.8E+02	N	1.1E+00	Calculated	Yes
98-56-6	Chlorobenzotrifluoride, 4-	2.4E+00	C	1.5E+00	Calculated	Yes
109-69-3	Chlorobutane, 1-	6.3E+02	N	2.3E+00	Calculated	Yes
75-45-6	Chlorodifluoromethane	1.0E+04	N			Yes
107-07-3	Chloroethanol, 2-	3.1E+02	N	5.7E-01	Calculated	Yes
67-66-3	Chloroform	3.4E-01	C	3.9E-01	2L or IMAC	Yes
74-87-3	Chloromethane	2.3E+01	N	1.5E-02	2L or IMAC	Yes
107-30-2	Chloromethyl Methyl Ether	2.1E-02	C	6.2E-05	Calculated	
88-73-3	Chloronitrobenzene, o-	1.8E+00	C	2.2E-03	Calculated	Yes
100-00-5	Chloronitrobenzene, p-	8.8E+00	N	1.1E-02	Calculated	Yes
95-57-8	Chlorophenol, 2-	7.8E+01	N	7.8E-03	2L or IMAC	Yes
76-06-2	Chloropicrin	4.2E-01	N			Yes
1897-45-6	Chlorothalonil	3.2E+01	C	9.4E-02	Calculated	Yes
95-49-8	Chlorotoluene, o-	3.1E+02	N	2.0E+00	2L or IMAC	Yes
106-43-4	Chlorotoluene, p-	3.1E+02	N	4.6E-01	2L or IMAC	Yes
54749-90-5	Chlorozotocin	2.3E-03	C	6.4E-07	Calculated	
101-21-3	Chlorpropham	6.3E+01	N	6.3E-01	Calculated	Yes
2921-88-2	Chlorpyrifos	1.3E+01	N	2.1E+00	Calculated	Yes
5598-13-0	Chlorpyrifos Methyl	1.3E+02	N	6.4E+00	Calculated	Yes
64902-72-3	Chlorsulfuron	6.3E+02	N	5.9E+00	Calculated	Yes
1861-32-1	Chlorthal-dimethyl	1.3E+02	N	1.7E+00	Calculated	Yes
60238-56-4	Chlorthiophos	1.0E+01	N	2.9E+00	Calculated	Yes
16065-83-1b	Chromium(III) (Soluble Compounds)	7.4E+05	N	3.6E+05	2L or IMAC	Yes
16065-83-1	Chromium(III), Insoluble Salts	2.3E+04	N	3.6E+05	2L or IMAC	Yes
18540-29-9	Chromium(VI)	3.1E-01	C	3.8E+00	2L or IMAC	Yes
7440-47-3	Chromium, Total					
74115-24-5	Clofentezine	1.6E+02	N	1.1E+02	Calculated	Yes
7440-48-4	Cobalt	4.7E+00	N	9.0E-01	2L or IMAC	Yes
E649830	Coke Oven Emissions					
7440-50-8	Copper	6.3E+02	N	7.0E+02	2L or IMAC	Yes
108-39-4	Cresol, m-	6.3E+02	N	6.4E+00	2L or IMAC	Yes
95-48-7	Cresol, o-	6.3E+02	N	6.5E+00	2L or IMAC	Yes
106-44-5	Cresol, p-	2.5E+02	N	6.4E-01	2L or IMAC	Yes
59-50-7	Cresol, p-chloro-m-	1.3E+03	N	1.7E+01	Calculated	Yes
1319-77-3	Cresols	1.3E+03	N	1.1E+01	Calculated	Yes
123-73-9	Crotonaldehyde, trans-	3.7E-01	C	7.5E-05	Calculated	Yes
98-82-8	Cumene	4.1E+02	N	2.3E+00	2L or IMAC	Yes
135-20-6	Cupferron	2.5E+00	C	5.5E-03	Calculated	
21725-46-2	Cyanazine	6.5E-01	C	3.9E-04	Calculated	Yes
	Cyanides					
592-01-8	~Calcium Cyanide	1.6E+01	N			Yes
544-92-3	~Copper Cyanide	7.8E+01	N			Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

This table must be used with the SCG Notes/ See Compound-Specific Notes for chemicals in *blue*.

CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
57-12-5	~Cyanide (CN-)	4.7E+00	N	1.4E+01	2L or IMAC	Yes
460-19-5	~Cyanogen	1.6E+01	N			Yes
506-68-3	~Cyanogen Bromide	1.4E+03	N			Yes
506-77-4	~Cyanogen Chloride	7.8E+02	N			Yes
74-90-8	~Hydrogen Cyanide	4.7E+00	N	4.2E-01	Calculated	Yes
151-50-8	~Potassium Cyanide	3.1E+01	N			Yes
506-61-6	~Potassium Silver Cyanide	7.8E+01	N			Yes
506-64-9	~Silver Cyanide	1.6E+03	N			Yes
143-33-9	~Sodium Cyanide	1.6E+01	N			Yes
E1790665	~Thiocyanates	3.1E+00	N			Yes
463-56-9	~Thiocyanic Acid	3.1E+00	N			Yes
557-21-1	~Zinc Cyanide	7.8E+02	N			Yes
110-82-7	Cyclohexane	1.4E+03	N			Yes
87-84-3	Cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	2.7E+01	C	2.0E-01	Calculated	Yes
108-94-1	Cyclohexanone	6.0E+03	N	1.6E+02	Calculated	Yes
110-83-8	Cyclohexene	6.3E+01	N	4.6E-01	Calculated	Yes
108-91-8	Cyclohexylamine	3.1E+03	N	7.4E+00	Calculated	Yes
68359-37-5	Cyfluthrin	3.2E+02	N	9.1E+02	Calculated	Yes
66215-27-8	Cyromazine	6.3E+03	N	1.8E+01	Calculated	Yes
75-99-0	Dalapon	3.8E+02	N	8.3E-01	2L or IMAC	Yes
1596-84-5	Daminozide	3.0E+01	C	8.6E-03	Calculated	Yes
1163-19-5	Decabromodiphenyl ether, 2,2',3,3',4,4',5,5',6,6'- (BDE-209)	8.8E+01	N	5.4E+02	Calculated	Yes
8065-48-3	Demeton	5.1E-01	N			Yes
103-23-1	Di(2-ethylhexyl)adipate	4.5E+02	C	4.2E+01	Calculated	Yes
2303-16-4	Diallate	8.9E+00	C	1.7E-02	Calculated	
333-41-5	Diazinon	8.8E+00	N	6.1E-01	Calculated	Yes
96-12-8	Dibromo-3-chloropropane, 1,2-	5.6E-03	C	3.5E-04	2L or IMAC	Yes
631-64-1	Dibromoacetic acid					
108-36-1	Dibromobenzene, 1,3-	6.3E+00	N	5.3E-02	Calculated	Yes
106-37-6	Dibromobenzene, 1,4-	1.6E+02	N	1.3E+00	2L or IMAC	Yes
124-48-1	Dibromochloromethane	8.3E+00	C	2.1E-03	2L or IMAC	Yes
106-93-4	Dibromoethane, 1,2-	3.8E-02	C	1.1E-04	2L or IMAC	Yes
74-95-3	Dibromomethane (Methylene Bromide)	5.0E+00	N	3.4E-01	2L or IMAC	Yes
E1790661	Dibutyltin Compounds	3.8E+00	N			Yes
1918-00-9	Dicamba	3.8E+02	N	1.1E+00	Calculated	Yes
3400-09-7	Dichloramine					
764-41-0	Dichloro-2-butene, 1,4-	2.3E-03	C			
1476-11-5	Dichloro-2-butene, cis-1,4-	7.9E-03	C			
110-57-6	Dichloro-2-butene, trans-1,4-	7.9E-03	C			
79-43-6	Dichloroacetic Acid	1.1E+01	C	2.9E-03	2L or IMAC	Yes
95-50-1	Dichlorobenzene, 1,2-	3.8E+02	N	3.9E-01	2L or IMAC	Yes
106-46-7	Dichlorobenzene, 1,4-	2.8E+00	C	1.2E-01	2L or IMAC	Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
91-94-1	Dichlorobenzidine, 3,3'-	1.2E+00	C	1.0E-02	Calculated	
90-98-2	Dichlorobenzophenone, 4,4'-	1.1E+02	N	7.6E+00	Calculated	Yes
75-71-8	Dichlorodifluoromethane	1.8E+01	N	3.0E+01	2L or IMAC	Yes
72-54-8	Dichlorodiphenyldichloroethane, p,p'- (DDD)	2.3E+00	C	4.7E-01	2L or IMAC	Yes
72-55-9	Dichlorodiphenyldichloroethylene, p,p'- (DDE)	2.0E+00	C	4.7E-01	2L or IMAC	Yes
50-29-3	Dichlorodiphenyltrichloroethane, p,p'- (DDT)	1.9E+00	C	6.7E-01	2L or IMAC	Yes
75-34-3	Dichloroethane, 1,1-	3.8E+00	C	3.4E-02	2L or IMAC	Yes
107-06-2	Dichloroethane, 1,2-	4.9E-01	C	2.3E-03	2L or IMAC	Yes
75-35-4	Dichloroethylene, 1,1-	4.8E+01	N	2.5E+00	2L or IMAC	Yes
156-59-2	Dichloroethylene, cis-1,2-	1.3E+01	N	4.1E-01	2L or IMAC	Yes
156-60-5	Dichloroethylene, trans-1,2-	1.5E+01	N	6.2E-01	2L or IMAC	Yes
120-83-2	Dichlorophenol, 2,4-	3.8E+01	N	9.7E-03	2L or IMAC	Yes
94-75-7	Dichlorophenoxy Acetic Acid, 2,4-	1.4E+02	N	3.6E-01	2L or IMAC	Yes
78-87-5	Dichloropropane, 1,2-	2.6E+00	C	4.0E-03	2L or IMAC	Yes
142-28-9	Dichloropropane, 1,3-	3.1E+02	N	9.7E-01	Calculated	Yes
616-23-9	Dichloropropanol, 2,3-	3.8E+01	N	8.9E-02	Calculated	Yes
542-75-6	Dichloropropene, 1,3-	1.9E+00	C	2.9E-03	2L or IMAC	Yes
62-73-7	Dichlorvos	1.9E+00	C	7.4E-04	Calculated	Yes
141-66-2	Dicrotophos	3.8E-01	N	9.8E-04	Calculated	Yes
77-73-6	Dicyclopentadiene	2.7E-01	N	3.9E+01	Calculated	Yes
60-57-1	Dieldrin	3.4E-02	C	1.6E-03	2L or IMAC	Yes
E17136615	Diesel Engine Exhaust					
111-42-2	Diethanolamine	2.5E+01	N	5.7E-02	Calculated	Yes
112-34-5	Diethylene Glycol Monobutyl Ether	3.8E+02	N	9.2E-01	Calculated	Yes
111-90-0	Diethylene Glycol Monoethyl Ether	7.6E+02	N	1.7E+00	Calculated	Yes
617-84-5	Diethylformamide	1.6E+01	N	2.9E-02	Calculated	Yes
56-53-1	Diethylstilbestrol	1.6E-03	C	1.1E-03	Calculated	
43222-48-6	Difenzoquat	1.0E+03	N	1.8E+03	Calculated	Yes
35367-38-5	Diflubenzuron	2.5E+02	N	3.2E+00	Calculated	Yes
75-37-6	Difluoroethane, 1,1-	1.0E+04	N			Yes
420-45-1	Difluoropropane, 2,2-	5.0E+03	N			Yes
94-58-6	Dihydrosafrole	1.0E+01	C	9.8E-03	Calculated	
108-20-3	Diisopropyl Ether	4.8E+02	N	3.6E-01	2L or IMAC	Yes
1445-75-6	Diisopropyl Methylphosphonate	1.3E+03	N	3.2E+00	Calculated	Yes
55290-64-7	Dimethipin	2.8E+02	N	6.7E-01	Calculated	Yes
60-51-5	Dimethoate	2.8E+01	N	6.9E-02	Calculated	Yes
119-90-4	Dimethoxybenzidine, 3,3'-	3.4E-01	C	5.3E-04	Calculated	
756-79-6	Dimethyl methylphosphonate	3.2E+02	C	8.7E-02	Calculated	Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
60-11-7	Dimethylamino azobenzene [p-]	1.2E-01	C	6.5E-04	Calculated	
21436-96-4	Dimethylaniline HCl, 2,4-	9.4E-01	C	1.1E-03	Calculated	
95-68-1	Dimethylaniline, 2,4-	2.7E+00	C	2.0E-03	Calculated	Yes
121-69-7	Dimethylaniline, N,N-	2.6E+01	C	9.3E-03	Calculated	Yes
119-93-7	Dimethylbenzidine, 3,3'-	4.9E-02	C	4.2E-04	Calculated	
68-12-2	Dimethylformamide	5.4E+02	N	2.8E+00	Calculated	Yes
57-14-7	Dimethylhydrazine, 1,1-	1.2E-02	N	3.1E-03	Calculated	Yes
540-73-8	Dimethylhydrazine, 1,2-	9.0E-04	C	2.9E-07	Calculated	
105-67-9	Dimethylphenol, 2,4-	2.5E+02	N	2.4E+00	2L or IMAC	Yes
576-26-1	Dimethylphenol, 2,6-	7.6E+00	N	1.0E-01	Calculated	Yes
95-65-8	Dimethylphenol, 3,4-	1.3E+01	N	1.7E-01	Calculated	Yes
513-37-1	Dimethylvinylchloride	1.2E+00	C	5.1E-03	Calculated	
534-52-1	Dinitro-o-cresol, 4,6-	1.0E+00	N	1.9E-02	Calculated	Yes
131-89-5	Dinitro-o-cyclohexyl Phenol, 4,6-	2.5E+01	N	9.3E+00	Calculated	Yes
618-87-1	Dinitroaniline, 3,5-	5.1E+00	N	3.0E-02	Calculated	Yes
528-29-0	Dinitrobenzene, 1,2-	1.3E+00	N	1.3E-02	Calculated	Yes
99-65-0	Dinitrobenzene, 1,3-	1.3E+00	N	1.3E-02	Calculated	Yes
100-25-4	Dinitrobenzene, 1,4-	1.3E+00	N	1.3E-02	Calculated	Yes
51-28-5	Dinitrophenol, 2,4-	2.5E+01	N	3.1E-01	Calculated	Yes
E1615210	Dinitrotoluene Mixture, 2,4/2,6-	8.0E-01	C	1.4E-03	Calculated	
121-14-2	Dinitrotoluene, 2,4-	1.7E+00	C	1.4E-03	2L or IMAC	Yes
606-20-2	Dinitrotoluene, 2,6-	3.6E-01	C	1.4E-03	2L or IMAC	Yes
35572-78-2	Dinitrotoluene, 2-Amino-4,6-	1.5E+00	N	1.1E-02	Calculated	Yes
19406-51-0	Dinitrotoluene, 4-Amino-2,6-	1.5E+00	N	1.1E-02	Calculated	Yes
25321-14-6	Dinitrotoluene, Technical grade	1.2E+00	C	2.1E-03	Calculated	Yes
88-85-7	Dinoseb	1.3E+01	N	1.2E+00	2L or IMAC	Yes
123-91-1	Dioxane, 1,4-	5.4E+00	C	1.2E-02	2L or IMAC	Yes
	Dioxins					
34465-46-8	~Hexachlorodibenzo-p-dioxin, Mixture	1.0E-04	C	1.6E-04	Calculated	
1746-01-6	~TCDD, 2,3,7,8-	4.8E-06	C	2.0E-06	2L or IMAC	Yes
957-51-7	Diphenamid	3.8E+02	N	4.1E+01	Calculated	Yes
101-84-8	Diphenyl Ether	7.2E+00	N	1.5E+01	2L or IMAC	Yes
127-63-9	Diphenyl Sulfone	1.0E+01	N	2.7E-01	Calculated	Yes
122-39-4	Diphenylamine	1.3E+03	N	2.6E+01	Calculated	Yes
122-66-7	Diphenylhydrazine, 1,2-	6.8E-01	C	2.8E-03	Calculated	
2764-72-9	Diquat	2.8E+01	N	3.3E+00	2L or IMAC	Yes
1937-37-7	Direct Black 38	7.3E-02	C	4.6E+01	Calculated	
2602-46-2	Direct Blue 6	7.3E-02	C	1.5E+02	Calculated	
16071-86-6	Direct Brown 95	8.1E-02	C	1.5E+00	Calculated	
298-04-4	Disulfoton	5.1E-01	N	1.1E-02	2L or IMAC	Yes
505-29-3	Dithiane, 1,4-	1.6E+02	N	6.9E-01	Calculated	Yes
330-54-1	Diuron	2.5E+01	N	1.2E-01	Calculated	Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
2439-10-3	Dodine	2.5E+02	N	1.4E+01	Calculated	Yes
759-94-4	EPTC	7.8E+02	N	3.7E+00	Calculated	Yes
115-29-7	Endosulfan	9.4E+01	N	1.1E+01	2L or IMAC	Yes
1031-07-8	Endosulfan Sulfate	7.6E+01	N	1.6E+01	2L or IMAC	Yes
145-73-3	Endothall	2.5E+02	N	4.8E-01	2L or IMAC	Yes
72-20-8	Endrin	3.8E+00	N	1.6E+00	2L or IMAC	Yes
106-89-8	Epichlorohydrin	4.0E+00	N	1.8E-02	2L or IMAC	Yes
106-88-7	Epoxybutane, 1,2-	3.4E+01	N			Yes
111-77-3	Ethanol, 2-(2-methoxyethoxy)-	5.1E+02	N	1.1E+00	Calculated	Yes
16672-87-0	Ethephon	6.3E+01	N	1.5E-01	Calculated	Yes
563-12-2	Ethion	6.3E+00	N	1.4E-01	Calculated	Yes
111-15-9	Ethoxyethanol Acetate, 2-	5.4E+02	N	2.9E+00	Calculated	Yes
110-80-5	Ethoxyethanol, 2-	5.4E+02	N	2.5E+00	Calculated	Yes
141-78-6	Ethyl Acetate	1.3E+02	N	1.3E+01	2L or IMAC	Yes
140-88-5	Ethyl Acrylate	9.8E+00	N	1.6E-01	Calculated	Yes
75-00-3	Ethyl Chloride (Chloroethane)	1.1E+03	N	1.7E+01	2L or IMAC	Yes
60-29-7	Ethyl Ether	3.1E+03	N	6.3E+00	Calculated	Yes
97-63-2	Ethyl Methacrylate	3.8E+02	N			Yes
637-92-3	Ethyl Tertiary Butyl Ether (ETBE)	1.4E+02	C	2.3E-01	2L or IMAC	Yes
2104-64-5	Ethyl-p-nitrophenyl Phosphonate	1.3E-01	N	4.4E-02	Calculated	Yes
100-41-4	Ethylbenzene	6.1E+00	C	1.3E+01	2L or IMAC	Yes
109-78-4	Ethylene Cyanohydrin	8.8E+02	N	2.0E+00	Calculated	Yes
107-15-3	Ethylene Diamine	1.4E+03	N	2.9E+00	Calculated	Yes
107-21-1	Ethylene Glycol	1.0E+04	N	4.0E+01	2L or IMAC	Yes
111-76-2	Ethylene Glycol Monobutyl Ether	1.3E+03	N	2.9E+00	Calculated	Yes
75-21-8	Ethylene Oxide	2.2E-03	C	4.7E-04	Calculated	Yes
96-45-7	Ethylene Thiourea	1.0E+00	N	2.5E-03	Calculated	Yes
151-56-4	Ethyleneimine	2.8E-03	C	2.3E-06	Calculated	
84-72-0	Ethylphthalyl Ethyl Glycolate	3.8E+04	N	9.4E+02	Calculated	Yes
22224-92-6	Fenamiphos	3.2E+00	N	3.5E-02	Calculated	Yes
39515-41-8	Fenpropathrin	3.2E+02	N	1.6E+02	Calculated	Yes
51630-58-1	Fenvalerate	3.2E+02	N	2.2E+03	Calculated	Yes
2164-17-2	Fluometuron	1.6E+02	N	1.4E+00	Calculated	Yes
16984-48-8	Fluoride	6.3E+02	N	6.0E+03	2L or IMAC	Yes
7782-41-4	Fluorine (Soluble Fluoride)	9.4E+02	N	6.3E+02	Calculated	Yes
59756-60-4	Fluridone	1.0E+03	N	1.3E+03	Calculated	Yes
56425-91-3	Flurprimidol	5.1E+02	N	2.6E+01	Calculated	Yes
85509-19-9	Flusilazole	2.5E+01	N	4.5E+01	Calculated	Yes
66332-96-5	Flutolanil	6.3E+03	N	3.7E+02	Calculated	Yes
69409-94-5	Fluvalinate	1.3E+02	N	2.0E+03	Calculated	Yes
133-07-3	Folpet	1.1E+03	N	3.0E+00	Calculated	Yes
72178-02-0	Fomesafen	1.3E+02	N	4.6E+00	Calculated	Yes
944-22-9	Fonofos	2.5E+01	N	5.4E-01	Calculated	Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

This table must be used with the SCG Notes/ See Compound-Specific Notes for chemicals in *blue*.

CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
50-00-0	Formaldehyde	1.2E+01	C	2.4E+00	2L or IMAC	Yes
64-18-6	Formic Acid	6.1E+00	N	2.5E+01	Calculated	Yes
39148-24-8	Fosetyl-AL	3.2E+04	N	4.6E+03	Calculated	Yes
	Furans					
132-64-9	~Dibenzofuran	1.6E+01	N	1.0E+01	2L or IMAC	Yes
110-00-9	~Furan	1.6E+01	N	5.3E-02	Calculated	Yes
109-99-9	~Tetrahydrofuran	3.9E+03	N	8.9E+00	2L or IMAC	Yes
67-45-8	Furazolidone	1.4E-01	C	3.5E-04	Calculated	
98-01-1	Furfural	4.3E+01	N	8.9E-02	Calculated	Yes
531-82-8	Furium	3.6E-01	C	6.3E-04	Calculated	
60568-05-0	Furmecyclox	1.8E+01	C	2.5E-02	Calculated	
77182-82-2	Glufosinate, Ammonium	7.6E+01	N	1.8E-01	Calculated	Yes
111-30-8	Glutaraldehyde	1.3E+03	N	2.8E+00	Calculated	Yes
765-34-4	Glycidaldehyde	4.7E+00	N	1.1E-02	Calculated	Yes
1071-83-6	Glyphosate	1.3E+03	N	6.2E+01	Calculated	Yes
113-00-8	Guanidine	1.6E+02	N	3.1E-01	Calculated	Yes
50-01-1	Guanidine Chloride	2.5E+02	N			Yes
506-93-4	Guanidine Nitrate	3.8E+02	N	1.0E+00	Calculated	Yes
69806-40-2	Haloxyfop, Methyl	6.3E-01	N	7.8E-02	Calculated	Yes
76-44-8	Heptachlor	1.4E-01	C	1.3E-02	2L or IMAC	Yes
1024-57-3	Heptachlor Epoxide	7.1E-02	C	1.6E-03	2L or IMAC	Yes
111-71-7	Heptanal, n-	5.2E+00	N			Yes
142-82-5	Heptane, N-	4.4E+00	N	6.2E+01	2L or IMAC	Yes
87-82-1	Hexabromobenzene	3.1E+01	N	1.6E+00	Calculated	Yes
68631-49-2	Hexabromodiphenyl ether, 2,2',4,4',5,5'- (BDE-153)	2.5E+00	N			Yes
118-74-1	Hexachlorobenzene	1.6E-01	N	5.0E-03	2L or IMAC	Yes
87-68-3	Hexachlorobutadiene	1.3E+00	C	1.5E-02	2L or IMAC	Yes
319-84-6	Hexachlorocyclohexane, Alpha-	8.6E-02	C	7.0E-04	2L or IMAC	Yes
319-85-7	Hexachlorocyclohexane, Beta-	3.0E-01	C	2.3E-03	2L or IMAC	
58-89-9	Hexachlorocyclohexane, Gamma- (Lindane)	5.7E-01	C	3.5E-03	2L or IMAC	Yes
608-73-1	Hexachlorocyclohexane, Technical	3.0E-01	C	2.3E-03	2L or IMAC	
77-47-4	Hexachlorocyclopentadiene	3.8E-01	N	2.6E+00	Calculated	Yes
67-72-1	Hexachloroethane	1.9E+00	C	1.1E-02	Calculated	Yes
70-30-4	Hexachlorophene	3.8E+00	N	5.6E+01	Calculated	Yes
121-82-4	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)	8.3E+00	C	3.3E-03	Calculated	Yes
822-06-0	Hexamethylene Diisocyanate, 1,6-	6.7E-01	N			Yes
4035-89-6	Hexamethylene diisocyanate biuret	4.9E+06	N			Yes
3779-63-3	Hexamethylene diisocyanate isocyanurate	4.9E+06	N			Yes
680-31-9	Hexamethylphosphoramide	5.1E+00	N	1.2E-02	Calculated	Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

This table must be used with the SCG Notes/ See Compound-Specific Notes for chemicals in *blue*.

CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
E5241997	Hexane, Commercial	1.2E+01	C			Yes
110-54-3	Hexane, N-	1.3E+02	N	5.5E+01	2L or IMAC	Yes
124-04-9	Hexanedioic Acid	2.5E+04	N	7.0E+01	Calculated	Yes
104-76-7	Hexanol, 1-,2-ethyl- (2-Ethyl-1-hexanol)	3.2E+00	N	2.0E-02	Calculated	Yes
591-78-6	Hexanone, 2-	4.2E+01	N	1.8E-01	2L or IMAC	Yes
51235-04-2	Hexazinone	4.2E+02	N	2.1E+00	Calculated	Yes
78587-05-0	Hexythiazox	3.2E+02	N	1.6E+01	Calculated	Yes
67485-29-4	Hydramethylnon	2.1E+02	N	8.6E+05	Calculated	Yes
302-01-2	Hydrazine	3.4E-02	C	4.8E-05	Calculated	Yes
10034-93-2	Hydrazine Sulfate	2.3E-01	C			
7647-01-0	Hydrogen Chloride	2.5E+08	N			Yes
7664-39-3	Hydrogen Fluoride	6.3E+02	N			Yes
7783-06-4	Hydrogen Sulfide	2.5E+07	N			Yes
123-31-9	Hydroquinone	9.0E+00	C	7.9E-03	Calculated	Yes
35554-44-0	Imazalil	8.9E+00	C	2.0E-01	Calculated	Yes
81335-37-7	Imazaquin	3.2E+03	N	1.7E+02	Calculated	Yes
81335-77-5	Imazethapyr	3.2E+04	N	3.1E+02	Calculated	Yes
7553-56-2	Iodine	1.6E+02	N	4.2E+01	Calculated	Yes
36734-19-7	Iprodione	5.1E+02	N	1.7E+00	Calculated	Yes
7439-89-6	Iron	1.1E+04	N	1.5E+02	2L or IMAC	Yes
78-83-1	Isobutyl Alcohol	1.6E+03	N	8.6E+00	Calculated	Yes
78-59-1	Isophorone	5.7E+02	C	2.6E-01	2L or IMAC	Yes
33820-53-0	Isopropalin	2.3E+02	N	4.8E+01	Calculated	Yes
67-63-0	Isopropanol	1.2E+03	N	5.7E+01	Calculated	Yes
1832-54-8	Isopropyl Methyl Phosphonic Acid	1.3E+03	N	3.0E+00	Calculated	Yes
82558-50-7	Isoxaben	6.3E+02	N	1.9E+01	Calculated	Yes
E1737665	Jet propulsion fuel 7 (JP-7)	3.7E+09	N			Yes
77501-63-4	Lactofen	1.0E+02	N	5.2E+01	Calculated	Yes
78-97-7	Lactonitrile	2.5E+00	N	5.7E-03	Calculated	Yes
7439-91-0	Lanthanum	7.8E-01	N			Yes
100587-90-4	Lanthanum Acetate Hydrate	2.6E-01	N			Yes
10025-84-0	Lanthanum Chloride Heptahydrate	2.9E-01	N			Yes
10099-58-8	Lanthanum Chloride, Anhydrous	4.4E-01	N			Yes
10277-43-7	Lanthanum Nitrate Hexahydrate	2.5E-01	N			Yes
	Lead Compounds					
7446-27-7	~Lead Phosphate	8.2E+01	C			
301-04-2	~Lead acetate	2.6E+00	C	6.7E-04	Calculated	
7439-92-1	~Lead and Compounds	2.0E+02		2.7E+02	2L or IMAC	
7439-92-1b	~Lead and Compounds (with other sources of lead present, see Guidance)	1.0E+02		2.7E+02	2L or IMAC	

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Soil Cleanup Goals (SCG)
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(based on May 2024 USEPA Regional Screening Tables)

This table must be used with the SCG Notes/ See Compound-Specific Notes for chemicals in *blue*.

CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
1335-32-6	~Lead subacetate	1.4E+01	C	4.1E-03	Calculated	
78-00-2	~Tetraethyl Lead	1.6E-03	N	4.9E-05	Calculated	Yes
541-25-3	Lewisite	7.8E-02	N	3.0E-04	Calculated	Yes
330-55-2	Linuron	9.7E+01	N	9.5E-01	Calculated	Yes
7439-93-2	Lithium	3.1E+01	N	4.2E+01	Calculated	Yes
94-74-6	MCPA	6.3E+00	N	1.8E-02	Calculated	Yes
94-81-5	MCPB	5.6E+02	N	2.4E+00	Calculated	Yes
93-65-2	MCPP	1.3E+01	N	4.2E-02	Calculated	Yes
121-75-5	Malathion	2.5E+02	N	7.4E-01	Calculated	Yes
108-31-6	Maleic Anhydride	1.3E+03	N	2.8E+00	Calculated	Yes
123-33-1	Maleic Hydrazide	6.3E+03	N	1.4E+01	Calculated	Yes
109-77-3	Malononitrile	1.3E+00	N	2.9E-03	Calculated	Yes
8018-01-7	Mancozeb	3.8E+02	N	5.9E+00	Calculated	Yes
12427-38-2	Maneb	6.3E+01	N	9.9E-01	Calculated	Yes
7439-96-5	Manganese (Diet)					
7439-96-5	Manganese (Non-diet)	3.8E+02	N	6.5E+01	2L or IMAC	Yes
950-10-7	Mephosfolan	1.1E+00	N	1.9E-02	Calculated	Yes
24307-26-4	Mepiquat Chloride	3.8E+02	N	1.4E+00	Calculated	Yes
149-30-4	Mercaptobenzothiazole, 2-	4.9E+01	C	1.9E-01	Calculated	Yes
	Mercury Compounds					
7487-94-7	~Mercuric Chloride (and other Mercury salts)	4.7E+00	N			Yes
7439-97-6	~Mercury (elemental)	2.3E+00	N	1.0E+00	2L or IMAC	Yes
22967-92-6	~Methyl Mercury	1.6E+00	N	4.9E+01	Calculated	Yes
62-38-4	~Phenylmercuric Acetate	1.0E+00	N	3.5E-03	Calculated	Yes
150-50-5	Merphos	4.7E-01	N	4.1E-01	Calculated	Yes
57837-19-1	Metalaxyl	7.6E+02	N	2.3E+00	Calculated	Yes
126-98-7	Methacrylonitrile	1.5E+00	N	3.2E-03	Calculated	Yes
10265-92-6	Methamidophos	6.3E-01	N	1.5E-03	Calculated	Yes
67-56-1	Methanol	2.5E+04	N	1.6E+01	2L or IMAC	Yes
950-37-8	Methidathion	1.9E+01	N	5.1E-02	Calculated	Yes
16752-77-5	Methomyl	3.2E+02	N	7.7E-01	Calculated	Yes
99-59-2	Methoxy-5-nitroaniline, 2-	1.1E+01	C	4.9E-03	Calculated	
72-43-5	Methoxychlor	6.3E+01	N	4.3E+01	2L or IMAC	Yes
110-49-6	Methoxyethanol Acetate, 2-	2.2E+01	N	2.3E-01	Calculated	Yes
109-86-4	Methoxyethanol, 2-	5.2E+01	N	1.4E-01	Calculated	Yes
79-20-9	Methyl Acetate	1.6E+04	N	2.9E+01	Calculated	Yes
96-33-3	Methyl Acrylate	3.1E+01	N			Yes
78-93-3	Methyl Ethyl Ketone (2-Butanone)	5.5E+03	N	1.7E+01	2L or IMAC	Yes
60-34-4	Methyl Hydrazine	1.5E-01	C	3.2E-02	Calculated	Yes
108-10-1	Methyl Isobutyl Ketone (4-methyl-2-pentanone)	7.0E+03	N	4.5E-01	2L or IMAC	Yes
624-83-9	Methyl Isocyanate	9.8E-01	N			Yes
80-62-6	Methyl Methacrylate	9.4E+02	N	1.1E-01	2L or IMAC	Yes
298-00-0	Methyl Parathion	3.2E+00	N	5.8E-02	Calculated	Yes

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Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
993-13-5	Methyl Phosphonic Acid	7.6E+02	N	1.7E+00	Calculated	Yes
25013-15-4	Methyl Styrene (Mixed Isomers)	6.5E+01	N	1.4E+00	Calculated	Yes
66-27-3	Methyl methanesulfonate	5.5E+00	C	1.5E-03	Calculated	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	4.9E+01	C	9.0E-02	2L or IMAC	Yes
615-45-2	Methyl-1,4-benzenediamine dihydrochloride, 2-	3.8E+00	N	2.5E-02	Calculated	Yes
108-11-2	Methyl-2-Pentanol, 4-	1.1E+04	N			Yes
99-55-8	Methyl-5-Nitroaniline, 2-	6.0E+01	C	4.3E-02	Calculated	Yes
70-25-7	Methyl-N-nitro-N-nitrosoguanidine, N-	6.5E-02	C	2.9E-05	Calculated	
636-21-5	Methylaniline Hydrochloride, 2-	4.2E+00	C	2.3E-03	Calculated	
124-58-3	Methylarsonic acid	1.3E+02	N	4.0E-01	Calculated	Yes
74612-12-7	Methylbenzene,1-4-diamine monohydrochloride, 2-	2.5E+00	N			Yes
615-50-9	Methylbenzene-1,4-diamine sulfate, 2-	3.8E+00	N			Yes
56-49-5	Methylcholanthrene, 3-	5.5E-03	C	6.1E-02	Calculated	
108-87-2	Methylcyclohexane	2.1E+01	N			Yes
75-09-2	Methylene Chloride	5.8E+01	C	2.5E-02	2L or IMAC	Yes
101-14-4	Methylene-bis(2-chloroaniline), 4,4'-	1.2E+00	C	8.1E-02	Calculated	Yes
101-61-1	Methylene-bis(N,N-dimethyl) Aniline, 4,4'-	1.2E+01	C	8.4E-02	Calculated	
101-77-9	Methylenebisbenzenamine, 4,4'-	3.4E-01	C	1.9E-03	Calculated	Yes
101-68-8	Methylenediphenyl Diisocyanate	7.4E+06	N			Yes
98-83-9	Methylstyrene, Alpha-	1.1E+03	N	1.6E+01	Calculated	Yes
51218-45-2	Metolachlor	1.9E+03	N	2.5E+01	Calculated	Yes
21087-64-9	Metribuzin	3.2E+02	N	1.1E+00	Calculated	Yes
74223-64-6	Metsulfuron-methyl	3.2E+03	N	1.3E+01	Calculated	Yes
E1790669	Midrange Aliphatic Hydrocarbon Streams	6.9E-01	C	1.9E+01	Calculated	Yes
8012-95-1	Mineral oils	4.7E+04	N	1.6E+04	Calculated	Yes
2385-85-5	Mirex	3.6E-02	C	2.8E-02	Calculated	Yes
2212-67-1	Molinate	2.5E+01	N	1.6E-01	Calculated	Yes
7439-98-7	Molybdenum	7.8E+01	N	7.1E+00	Calculated	Yes
10599-90-3	Monochloramine	1.6E+03	N			Yes
100-61-8	Monomethylaniline	2.5E+01	N	1.0E-01	Calculated	Yes
88671-89-0	Myclobutanil	3.2E+02	N	4.3E+01	Calculated	Yes
74-31-7	N,N'-Diphenyl-1,4-benzenediamine	3.8E+00	N	4.4E+00	Calculated	Yes
300-76-5	Naled	3.1E+01	N	1.3E-01	Calculated	Yes
64742-95-6	Naphtha, High Flash Aromatic (HFAN)	4.7E+02	N			Yes

North Carolina Department of Environmental Quality

Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
91-59-8	Naphthylamine, 2-	3.0E-01	C	2.0E-03	Calculated	
15299-99-7	Napropamide	1.5E+03	N	1.1E+02	Calculated	Yes
373-02-4	Nickel Acetate	1.4E+02	N	3.1E-01	Calculated	Yes
3333-67-3	Nickel Carbonate	1.4E+02	N			Yes
13463-39-3	Nickel Carbonyl	1.7E+02	N			Yes
12054-48-7	Nickel Hydroxide	1.7E+02	N			Yes
1313-99-1	Nickel Oxide	1.7E+02	N			Yes
E715532	Nickel Refinery Dust	1.7E+02	N	1.2E+02	Calculated	Yes
7440-02-0	Nickel Soluble Salts	3.1E+02	N	1.3E+02	2L or IMAC	Yes
12035-72-2	Nickel Subsulfide	4.1E-01	C			Yes
1271-28-9	Nickelocene	6.0E-01	C			Yes
14797-55-8	Nitrate (measured as nitrogen)	2.5E+04	N			Yes
E701177	Nitrate + Nitrite (measured as nitrogen)					
14797-65-0	Nitrite (measured as nitrogen)	1.6E+03	N			Yes
88-74-4	Nitroaniline, 2-	1.3E+02	N	5.9E-01	Calculated	Yes
100-01-6	Nitroaniline, 4-	2.7E+01	C	1.5E-02	Calculated	Yes
98-95-3	Nitrobenzene	5.5E+00	C	1.8E-01	Calculated	Yes
9004-70-0	Nitrocellulose	3.8E+07	N	9.2E+04	Calculated	Yes
67-20-9	Nitrofurantoin	8.8E+02	N	4.2E+00	Calculated	Yes
59-87-0	Nitrofurazone	4.2E-01	C	4.8E-04	Calculated	
55-63-0	Nitroglycerin	1.3E+00	N	6.0E-03	Calculated	Yes
556-88-7	Nitroguanidine	1.3E+03	N	3.4E+00	Calculated	Yes
75-52-5	Nitromethane	5.8E+00	C			Yes
79-46-9	Nitropropane, 2-	6.8E-02	C			Yes
759-73-9	Nitroso-N-ethylurea, N-	4.5E-03	C	6.3E-06	Calculated	
684-93-5	Nitroso-N-methylurea, N-	1.0E-03	C	1.3E-06	Calculated	
924-16-3	Nitrosodibutylamine, N-	1.0E-01	C	2.6E-04	Calculated	
1116-54-7	Nitrosodiethanolamine, N-	1.9E-01	C	5.1E-05	Calculated	
55-18-5	Nitrosodiethylamine, N-	8.1E-04	C	1.7E-06	Calculated	
62-75-9	Nitrosodimethylamine, N-	2.0E-03	C	3.4E-06	2L or IMAC	Yes
86-30-6	Nitrosodiphenylamine, N-	1.1E+02	C	7.8E-01	Calculated	
621-64-7	Nitrosodipropylamine, N-	7.8E-02	C	7.5E-05	Calculated	
10595-95-6	Nitrosomethylethylamine, N-	2.0E-02	C	9.1E-06	Calculated	
59-89-2	Nitrosomorpholine [N-]	8.1E-02	C	2.6E-05	Calculated	
100-75-4	Nitrosopiperidine [N-]	5.8E-02	C	4.0E-05	Calculated	
930-55-2	Nitrosopyrrolidine, N-	2.6E-01	C	1.3E-04	Calculated	
99-08-1	Nitrotoluene, m-	1.3E+00	N	1.3E-02	Calculated	Yes
88-72-2	Nitrotoluene, o-	3.2E+00	C	3.0E-03	Calculated	Yes
99-99-0	Nitrotoluene, p-	3.4E+01	C	4.1E-02	Calculated	Yes
111-84-2	Nonane, n-	2.3E+00	N	5.8E-01	Calculated	Yes
27314-13-2	Norflurazon	1.9E+01	N	1.4E+00	Calculated	Yes
32536-52-0	Octabromodiphenyl Ether	3.8E+01	N	8.3E+01	Calculated	Yes
2691-41-0	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	7.7E+02	N	8.8E+00	Calculated	Yes

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Soil Cleanup Goals (SCG)
October 2024
(based on May 2024 USEPA Regional Screening Tables)

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
152-16-9	Octamethylpyrophosphoramide	2.5E+01	N	6.7E-02	Calculated	Yes
19044-88-3	Oryzalin	7.0E+01	C	1.7E-01	Calculated	Yes
19666-30-9	Oxadiazon	6.3E+01	N	7.1E+00	Calculated	Yes
23135-22-0	Oxamyl	3.2E+02	N	8.8E-01	2L or IMAC	Yes
42874-03-3	Oxyfluorfen	7.4E+00	C	7.7E-01	Calculated	Yes
76738-62-0	Paclobutrazol	1.6E+02	N	3.7E+00	Calculated	Yes
1910-42-5	Paraquat Dichloride	5.7E+01	N	8.7E+00	Calculated	Yes
56-38-2	Parathion	7.6E+01	N	4.2E+00	Calculated	Yes
1114-71-2	Pebulate	7.8E+02	N	5.6E+00	Calculated	Yes
40487-42-1	Pendimethalin	3.8E+03	N	4.8E+02	Calculated	Yes
32534-81-9	Pentabromodiphenyl Ether	3.1E+01	N	1.2E+01	Calculated	Yes
60348-60-9	Pentabromodiphenyl ether, 2,2',4,4',5- (BDE-99)	1.3E+00	N	6.1E-01	Calculated	Yes
608-93-5	Pentachlorobenzene	1.3E+01	N	8.5E-01	Calculated	Yes
76-01-7	Pentachloroethane	7.7E+00	C	3.7E-03	Calculated	
82-68-8	Pentachloronitrobenzene	2.7E+00	C	3.3E-02	Calculated	Yes
87-86-5	Pentachlorophenol	1.0E+00	C	8.3E-03	2L or IMAC	Yes
78-11-5	Pentaerythritol tetranitrate (PETN)	1.1E+02	N	2.4E-01	Calculated	Yes
10159-46-3	Pentamethylphosphoramide (PMPA)	1.3E+00	N	2.9E-03	Calculated	Yes
109-66-0	Pentane, n-	1.7E+02	N			Yes
	Per- and Polyfluoroalkyl Substances (PFAS)					
62037-80-3	~Ammonium perfluoro-2-methyl-3-oxahexanoate	3.8E-02	N			Yes
10495-86-0	~Ammonium perfluorobutanoate	1.6E+01	N			Yes
21615-47-4	~Ammonium perfluorohexanoate	6.3E+00	N			Yes
3825-26-1	~Ammonium perfluorooctanoate	1.9E-05	C			Yes
82113-65-3	~Bis(trifluoromethylsulfonyl)amine (TFSI)	4.7E+00	N			Yes
13252-13-6	~Hexafluoropropylene oxide dimer acid (HFPO-DA)	4.7E-02	N			Yes
90076-65-6	~Lithium bis[(trifluoromethyl)sulfonyl]azanide	4.7E+00	N			Yes
45187-15-3	~Perfluorobutanesulfonate	3.8E+00	N			Yes
375-73-5	~Perfluorobutanesulfonic acid (PFBS)	3.8E+00	N			Yes
45048-62-2	~Perfluorobutanoate	1.6E+01	N			Yes
375-22-4	~Perfluorobutanoic acid (PFBA)	1.6E+01	N			Yes

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
307-55-1	~Perfluorododecanoic acid (PFDoDA)	6.3E-01	N			Yes
108427-53-8	~Perfluorohexanesulfonate	2.5E-01	N			Yes
355-46-4	~Perfluorohexanesulfonic acid (PFHxS)	2.5E-01	N			Yes
92612-52-7	~Perfluorohexanoate	6.3E+00	N			Yes
307-24-4	~Perfluorohexanoic acid (PFHxA)	6.3E+00	N			Yes
72007-68-2	~Perfluorononanoate	3.8E-02	N			Yes
375-95-1	~Perfluorononanoic acid (PFNA)	3.8E-02	N			Yes
16517-11-6	~Perfluorooctadecanoic acid (PFODA)	5.1E+02	N			Yes
45298-90-6	~Perfluorooctanesulfonate	1.3E-03	N			Yes
1763-23-1	~Perfluorooctanesulfonic acid (PFOS)	1.3E-03	N			Yes
45285-51-6	~Perfluorooctanoate	1.9E-05	C			Yes
335-67-1	~Perfluorooctanoic acid (PFOA)	1.9E-05	C			Yes
422-64-0	~Perfluoropropanoic acid (PFPrA)	7.8E+00	N			Yes
376-06-7	~Perfluorotetradecanoic acid (PFTetDA)	1.3E+01	N			Yes
2058-94-8	~Perfluoroundecanoic acid (PFUDA)	3.8E+00	N			Yes
2966-54-3	~Potassium heptafluorobutanoate	3.1E+01	N			Yes
29420-49-3	~Potassium perfluorobutanesulfonate	3.8E+00	N			Yes
2795-39-3	~Potassium perfluorooctanesulfonate	1.3E-03	N			Yes
2218-54-4	~Sodium perfluorobutanoate	1.6E+01	N			Yes
2923-26-4	~Sodium perfluorohexanoate	6.3E+00	N			Yes
	Perchlorates					
7790-98-9	~Ammonium Perchlorate	1.1E+01	N			Yes
7791-03-9	~Lithium Perchlorate	1.1E+01	N			Yes
14797-73-0	~Perchlorate and Perchlorate Salts	1.1E+01	N			Yes
7778-74-7	~Potassium Perchlorate	1.1E+01	N			Yes
7601-89-0	~Sodium Perchlorate	1.1E+01	N			Yes
52645-53-1	Permethrin	6.3E+02	N	1.7E+03	Calculated	Yes
62-44-2	Phenacetin	2.5E+02	C	9.0E-02	Calculated	
13684-63-4	Phenmedipham	3.0E+03	N	1.8E+02	Calculated	Yes
108-95-2	Phenol	3.8E+03	N	3.4E-01	2L or IMAC	Yes
114-26-1	Phenol, 2-(1-methylethoxy)-, methylcarbamate	5.1E+01	N	1.8E-01	Calculated	Yes
92-84-2	Phenothiazine	6.3E+00	N	2.2E-01	Calculated	Yes

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
103-72-0	Phenyl Isothiocyanate	3.1E+00	N	1.8E-02	Calculated	Yes
108-45-2	Phenylenediamine, m-	7.6E+01	N	2.2E-01	Calculated	Yes
95-54-5	Phenylenediamine, o-	4.5E+00	C	1.6E-03	Calculated	Yes
106-50-3	Phenylenediamine, p-	1.3E+01	N	3.7E-02	Calculated	Yes
90-43-7	Phenylphenol, 2-	2.8E+02	C	4.9E+00	Calculated	
298-02-2	Phorate	2.5E+00	N	2.2E-02	2L or IMAC	Yes
75-44-5	Phosgene	6.5E-02	N			Yes
732-11-6	Phosmet	2.5E+02	N	6.2E-01	Calculated	Yes
	Phosphates, Inorganic					
13776-88-0	~Aluminum metaphosphate	4.6E+04	N			Yes
E524680405	~Aluminum salts of inorganic phosphates	4.7E+03	N			Yes
7758-11-4	~Dipotassium phosphate	1.6E+04	N			Yes
7558-79-4	~Disodium phosphate	1.6E+04	N			Yes
13530-50-2	~Monoaluminum phosphate	5.5E+04	N			Yes
7778-77-0	~Monopotassium phosphate	1.6E+04	N			Yes
7558-80-7	~Monosodium phosphate	1.6E+04	N			Yes
7784-30-7	~Phosphoric acid, aluminum salt (1:1) [aluminum phosphate]	1.7E+04	N			Yes
7785-88-8	~Phosphoric acid, aluminum sodium salt (1:X:X) [sodium aluminum phosphate acidic (acidic SALP)]	6.7E+04	N			Yes
8017-16-1	~Polyphosphoric acid	1.6E+04	N			Yes
E524680403	~Potassium salts of inorganic phosphates	1.6E+04	N			Yes
13845-36-8	~Potassium tripolyphosphate	1.6E+04	N			Yes
10279-59-1	~Sodium aluminum phosphate (anhydrous)	7.8E+04	N			Yes
10305-76-7	~Sodium aluminum phosphate (tetrahydrate)	5.5E+04	N			Yes
10124-56-8	~Sodium hexametaphosphate	1.6E+04	N			Yes
68915-31-1	~Sodium polyphosphate	1.6E+04	N			Yes
7758-16-9	~Sodium pyrophosphate	1.6E+04	N			Yes
E524680404	~Sodium salts of inorganic phosphates	1.6E+04	N			Yes
7785-84-4	~Sodium trimetaphosphate	1.6E+04	N			Yes
7758-29-4	~Sodium tripolyphosphate	1.6E+04	N			Yes
7320-34-5	~Tetrapotassium phosphate	1.6E+04	N			Yes
7722-88-5	~Tetrasodium pyrophosphate	1.6E+04	N			Yes
15136-87-5	~Trialuminum sodium tetra decahydrogenoctaorthophosphate (dihydrate)	5.1E+04	N			Yes
13939-25-8	~Triphosphoric acid, aluminum salt (1:1) [aluminum triphosphate]	4.0E+04	N			Yes

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
7778-53-2	~Tripotassium phosphate	1.6E+04	N			Yes
7601-54-9	~Trisodium phosphate	1.6E+04	N			Yes
7803-51-2	Phosphine	4.7E+00	N			Yes
7664-38-2	Phosphoric Acid	1.6E+04	N			Yes
7723-14-0	Phosphorus, White	3.1E-01	N	3.4E-03	Calculated	Yes
	Phthalates					
117-81-7	~Bis(2-ethylhexyl)phthalate	3.9E+01	C	1.4E+01	2L or IMAC	Yes
85-68-7	~Butyl Benzyl Phthalate	2.9E+02	C	2.9E+02	2L or IMAC	Yes
85-70-1	~Butylphthalyl Butylglycolate	1.3E+04	N	3.2E+03	Calculated	Yes
84-74-2	~Dibutyl Phthalate	1.3E+03	N	3.5E+01	2L or IMAC	Yes
84-66-2	~Diethyl Phthalate	1.0E+04	N	4.9E+01	2L or IMAC	Yes
120-61-6	~Dimethylterephthalate	1.6E+03	N	3.7E+00	Calculated	Yes
117-84-0	~Octyl Phthalate, di-N-	1.3E+02	N	5.6E+02	2L or IMAC	Yes
100-21-0	~Phthalic Acid, p-	6.3E+03	N	2.5E+01	Calculated	Yes
85-44-9	~Phthalic Anhydride	2.5E+04	N	6.2E+01	Calculated	Yes
1918-02-1	Picloram	8.8E+02	N	2.7E+00	Calculated	Yes
96-91-3	Picramic Acid (2-Amino-4,6-dinitrophenol)	1.3E+00	N	9.1E-03	2L or IMAC	Yes
88-89-1	Picric Acid (2,4,6-Trinitrophenol)	2.5E+01	N	1.3E+00	Calculated	Yes
29232-93-7	Pirimiphos, Methyl	9.2E+00	N	9.7E-02	Calculated	Yes
36355-01-8	Polybrominated Biphenyls	1.8E-02	C			Yes
	Polychlorinated Biphenyls (PCBs)					
12674-11-2	~Aroclor 1016	8.2E-01	N	9.4E-01	Calculated	Yes
11104-28-2	~Aroclor 1221	2.0E-01	C	5.9E-03	Calculated	
11141-16-5	~Aroclor 1232	1.7E-01	C	5.9E-03	Calculated	
53469-21-9	~Aroclor 1242	2.3E-01	C	5.5E-02	Calculated	
12672-29-6	~Aroclor 1248	2.3E-01	C	5.4E-02	Calculated	
11097-69-1	~Aroclor 1254	2.3E-01	N	9.1E-02	Calculated	Yes
11096-82-5	~Aroclor 1260	2.4E-01	C	2.4E-01	Calculated	
11126-42-4	~Aroclor 5460	7.0E+00	N	1.4E+01	Calculated	Yes
39635-31-9	~Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	1.3E-01	C	1.3E-01	Calculated	Yes
52663-72-6	~Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	1.2E-01	C	7.5E-02	Calculated	Yes
69782-90-7	~Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	1.2E-01	C	7.7E-02	Calculated	Yes
38380-08-4	~Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	1.2E-01	C	7.7E-02	Calculated	Yes
32774-16-6	~Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	1.2E-04	C	7.5E-05	Calculated	Yes
65510-44-3	~Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	1.2E-01	C	4.7E-02	Calculated	Yes
31508-00-6	~Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	1.2E-01	C	4.6E-02	Calculated	Yes

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32598-14-4	~Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	1.2E-01	C	4.7E-02	Calculated	Yes
74472-37-0	~Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	1.2E-01	C	4.7E-02	Calculated	Yes
57465-28-8	~Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	3.6E-05	C	1.4E-05	Calculated	Yes
1336-36-3	~Polychlorinated Biphenyls (high risk)	2.3E-01	C	5.5E-02	Calculated	
1336-36-3	~Polychlorinated Biphenyls (low risk)					
1336-36-3	~Polychlorinated Biphenyls (lowest risk)					
32598-13-3	~Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	3.8E-02	C	8.4E-03	Calculated	Yes
70362-50-4	~Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	1.2E-02	C	2.8E-03	Calculated	Yes
9016-87-9	Polymeric Methylene Diphenyl Diisocyanate (PMDI)	7.4E+06	N			Yes
	Polynuclear Aromatic Hydrocarbons (PAHs)					
83-32-9	~Acenaphthene	7.2E+02	N	1.6E+01	2L or IMAC	Yes
120-12-7	~Anthracene	3.6E+03	N	1.3E+03	2L or IMAC	Yes
56-55-3	~Benz[a]anthracene	1.1E+00	C	3.5E-01	2L or IMAC	
50-32-8	~Benzo[a]pyrene	1.1E-01	C	1.2E-01	2L or IMAC	Yes
205-99-2	~Benzo[b]fluoranthene	1.1E+00	C	1.2E+00	2L or IMAC	
192-97-2	~Benzo[e]pyrene	1.1E+00	N	1.5E+01	Calculated	Yes
205-82-3	~Benzo[j]fluoranthene	4.2E-01	C	7.0E-01	Calculated	
207-08-9	~Benzo[k]fluoranthene	1.1E+01	C	1.2E+01	2L or IMAC	
91-58-7	~Chloronaphthalene, Beta-	9.6E+02	N	5.8E+01	Calculated	Yes
218-01-9	~Chrysene	1.1E+02	C	3.6E+01	2L or IMAC	
53-70-3	~Dibenz[a,h]anthracene	1.1E-01	C	3.8E-01	2L or IMAC	
192-65-4	~Dibenzo[a,e]pyrene	4.2E-02	C	7.6E-01	Calculated	
57-97-6	~Dimethylbenz[a]anthracene, 7,12-	4.6E-04	C	2.8E-03	Calculated	
206-44-0	~Fluoranthene	4.8E+02	N	6.7E+02	2L or IMAC	Yes
86-73-7	~Fluorene	4.8E+02	N	1.1E+02	2L or IMAC	Yes
193-39-5	~Indeno[1,2,3-cd]pyrene	1.1E+00	C	3.9E+00	2L or IMAC	
90-12-0	~Methylnaphthalene, 1-	3.9E-02	N	1.1E-01	2L or IMAC	Yes
91-57-6	~Methylnaphthalene, 2-	4.8E+01	N	3.1E+00	2L or IMAC	Yes
91-20-3	~Naphthalene	2.1E+00	C	3.9E-01	2L or IMAC	Yes
57835-92-4	~Nitropyrene, 4-	4.2E-01	C	1.0E-01	Calculated	
198-55-0	~Perylene	1.1E+00	N	1.5E+01	Calculated	Yes
129-00-0	~Pyrene	3.6E+02	N	4.4E+02	2L or IMAC	Yes
67747-09-5	Prochloraz	3.6E+00	C	2.4E-02	Calculated	Yes
26399-36-0	Profluralin	9.4E+01	N	5.1E+01	Calculated	Yes
1610-18-0	Prometon	1.9E+02	N	1.0E+00	Calculated	Yes
7287-19-6	Prometryn	5.1E+02	N	8.5E+00	Calculated	Yes

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23950-58-5	Pronamide	9.5E+02	N	1.1E+01	Calculated	Yes
1918-16-7	Propachlor	1.6E+02	N	1.1E+00	Calculated	Yes
709-98-8	Propanil	6.3E+01	N	3.9E-01	Calculated	Yes
2312-35-8	Propargite	2.8E+00	C	2.7E-01	Calculated	Yes
107-19-7	Propargyl Alcohol	3.1E+01	N	5.7E-02	Calculated	Yes
139-40-2	Propazine	2.5E+02	N	2.5E+00	Calculated	Yes
122-42-9	Propham	2.5E+02	N	1.8E+00	Calculated	Yes
60207-90-1	Propiconazole	1.3E+03	N	4.6E+01	Calculated	Yes
123-38-6	Propionaldehyde	1.6E+01	N			Yes
103-65-1	Propyl benzene	7.8E+02	N	2.6E+00	2L or IMAC	Yes
115-07-1	Propylene	4.7E+02	N			Yes
57-55-6	Propylene Glycol	2.5E+05	N	4.0E+02	2L or IMAC	Yes
6423-43-4	Propylene Glycol Dinitrate	3.4E+06	N			Yes
107-98-2	Propylene Glycol Monomethyl Ether	8.3E+03	N	2.0E+01	Calculated	Yes
75-56-9	Propylene Oxide	2.1E+00	C	6.1E-04	Calculated	Yes
110-86-1	Pyridine	1.6E+01	N	4.8E-02	Calculated	Yes
13593-03-8	Quinalphos	6.3E+00	N	6.0E-01	Calculated	Yes
91-22-5	Quinoline	1.8E-01	C	7.7E-04	Calculated	
76578-14-8	Quizalofop-ethyl	1.1E+02	N	2.0E+01	Calculated	Yes
E715557	Refractory Ceramic Fibers (units in fibers)					
10453-86-8	Resmethrin	3.8E+02	N	2.6E+03	Calculated	Yes
299-84-3	Ronnel	7.8E+02	N	6.4E+01	Calculated	Yes
83-79-4	Rotenone	5.1E+01	N	2.9E+02	Calculated	Yes
94-59-7	Safrole	5.5E-01	C	2.0E-03	Calculated	
7783-00-8	Selenious Acid	7.8E+01	N			Yes
7782-49-2	Selenium	7.8E+01	N	2.1E+00	2L or IMAC	Yes
7446-34-6	Selenium Sulfide	7.8E+01	N			Yes
74051-80-2	Sethoxydim	1.8E+03	N	1.8E+02	Calculated	Yes
7631-86-9	Silica (crystalline, respirable)	3.7E+07	N			Yes
7440-22-4	Silver	7.8E+01	N	3.4E+00	2L or IMAC	Yes
122-34-9	Simazine	4.5E+00	C	3.9E-02	2L or IMAC	Yes
62476-59-9	Sodium Acifluorfen	1.6E+02	N	1.4E+01	Calculated	Yes
26628-22-8	Sodium Azide	6.3E+01	N			Yes
148-18-5	Sodium Diethyldithiocarbamate	2.0E+00	C	1.6E-03	Calculated	Yes
7681-49-4	Sodium Fluoride	7.8E+02	N	5.3E+02	Calculated	Yes
62-74-8	Sodium Fluoroacetate	2.5E-01	N	5.7E-04	Calculated	Yes
13718-26-8	Sodium Metavanadate	1.6E+01	N			Yes
13472-45-2	Sodium Tungstate	1.3E+01	N			Yes
10213-10-2	Sodium Tungstate Dihydrate	1.3E+01	N			Yes
961-11-5	Stirofos (Tetrachlorovinphos)	2.3E+01	C	8.6E-02	Calculated	Yes
7440-24-6	Strontium, Stable	9.4E+03	N	1.4E+03	2L or IMAC	Yes
57-24-9	Strychnine	3.8E+00	N	4.6E-01	Calculated	Yes
100-42-5	Styrene	1.2E+03	N	1.5E+00	2L or IMAC	Yes

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57964-39-3	Styrene-Acrylonitrile (SAN) Trimer (THNA isomer)	3.8E+01	N			Yes
57964-40-6	Styrene-Acrylonitrile (SAN) Trimer (THNP isomer)	3.8E+01	N			Yes
126-33-0	Sulfolane	1.3E+01	N	3.1E-02	Calculated	Yes
80-07-9	Sulfonylbis(4-chlorobenzene), 1,1'-	1.0E+01	N	6.6E-01	Calculated	Yes
7446-11-9	Sulfur Trioxide	1.2E+07	N			Yes
7664-93-9	Sulfuric Acid	1.2E+07	N			Yes
140-57-8	Sulfurous acid, 2-chloroethyl 2-[4-(1,1-dimethylethyl)phenoxy]-1-methylethyl ester	2.2E+01	C	3.2E-01	Calculated	Yes
34014-18-1	Tebuthiuron	8.8E+02	N	2.8E+00	Calculated	Yes
3383-96-8	Temephos	2.5E+02	N	5.3E+02	Calculated	Yes
5902-51-2	Terbacil	1.6E+02	N	5.5E-01	Calculated	Yes
13071-79-9	Terbufos	3.9E-01	N	7.7E-03	Calculated	Yes
886-50-0	Terbutryn	1.3E+01	N	2.0E-01	Calculated	Yes
540-88-5	Tert-Butyl Acetate	8.6E+00	C	3.2E-02	Calculated	
5436-43-1	Tetrabromodiphenyl ether, 2,2',4,4'- (BDE-47)	1.3E+00	N	3.7E-01	Calculated	Yes
95-94-3	Tetrachlorobenzene, 1,2,4,5-	4.7E-01	N	1.9E-01	2L or IMAC	Yes
630-20-6	Tetrachloroethane, 1,1,1,2-	2.1E+00	C	7.6E-03	2L or IMAC	Yes
79-34-5	Tetrachloroethane, 1,1,2,2-	6.4E-01	C	1.6E-03	2L or IMAC	Yes
127-18-4	Tetrachloroethylene	1.7E+01	N	6.3E-03	2L or IMAC	Yes
58-90-2	Tetrachlorophenol, 2,3,4,6-	3.8E+02	N	3.0E+00	2L or IMAC	Yes
5216-25-1	Tetrachlorotoluene, p- alpha, alpha, alpha-	4.3E-02	C	1.5E-04	Calculated	Yes
3689-24-5	Tetraethyl Dithiopyrophosphate	6.3E+00	N	5.1E-02	Calculated	Yes
811-97-2	Tetrafluoroethane, 1,1,1,2-	2.2E+04	N			Yes
16853-36-4	Tetramethylphosphoramide, -N,N,N',N" (TMPA)	1.3E+00	N			Yes
479-45-8	Tetryl (Trinitrophenylmethylnitramine)	3.1E+01	N	2.6E+00	Calculated	Yes
1314-32-5	Thallic Oxide	3.1E-01	N			Yes
10102-45-1	Thallium (I) Nitrate	1.6E-01	N			Yes
7440-28-0	Thallium (Soluble Salts)	1.6E-01	N	2.8E+00	2L or IMAC	Yes
563-68-8	Thallium Acetate	1.6E-01	N	2.8E-04	Calculated	Yes
6533-73-9	Thallium Carbonate	2.5E-01	N	2.9E-04	Calculated	Yes
7791-12-0	Thallium Chloride	1.6E-01	N			Yes
12039-52-0	Thallium Selenite	1.6E-01	N			Yes
7446-18-6	Thallium Sulfate	3.1E-01	N			Yes
79277-27-3	Thifensulfuron-methyl	5.4E+02	N	1.8E+00	Calculated	Yes
28249-77-6	Thiobencarb	1.3E+02	N	4.8E+00	Calculated	Yes

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
21564-17-0	Thiocyanic acid, (2-benzothiazolylthio)methyl ester (TCMTB)	3.8E+02	N	2.9E+01	Calculated	Yes
111-48-8	Thiodiglycol	1.1E+03	N	2.0E+00	Calculated	Yes
39196-18-4	Thiofanox	3.8E+00	N	1.4E-02	Calculated	Yes
23564-05-8	Thiophanate, Methyl	4.7E+01	C	5.2E-02	Calculated	Yes
137-26-8	Thiram	1.9E+02	N	3.0E+00	Calculated	Yes
7440-31-5	Tin	9.4E+03	N	1.0E+04	2L or IMAC	Yes
7550-45-0	Titanium Tetrachloride	1.2E+06	N			Yes
108-88-3	Toluene	9.9E+02	N	8.3E+00	2L or IMAC	Yes
584-84-9	Toluene-2,4-diisocyanate	1.4E+00	N	2.7E-01	Calculated	Yes
91-08-7	Toluene-2,6-diisocyanate	1.1E+00	N	2.8E-01	Calculated	Yes
2687-25-4	Toluenediamine, 2,3-	1.3E+00	N	4.4E-03	Calculated	Yes
95-70-5	Toluenediamine, 2,5-	2.5E+00	N	1.2E-03	Calculated	Yes
496-72-0	Toluenediamine, 3,4-	1.3E+00	N	4.4E-03	Calculated	Yes
99-94-5	Toluic Acid, p-	6.3E+01	N	1.8E-01	2L or IMAC	Yes
95-53-4	Toluidine, o- (Methylaniline, 2-)	3.4E+01	C	1.9E-02	Calculated	
106-49-0	Toluidine, p-	1.8E+01	C	9.9E-03	Calculated	Yes
E1790670	Total Petroleum Hydrocarbons (Aliphatic High)	4.7E+04	N			Yes
E1790666	Total Petroleum Hydrocarbons (Aliphatic Low)	5.1E+01	N	5.6E+00	2L or IMAC	Yes
E1790668	Total Petroleum Hydrocarbons (Aliphatic Medium)	2.0E+01	N	1.9E+02	2L or IMAC	Yes
E1790676	Total Petroleum Hydrocarbons (Aromatic High)	3.6E+00	N			Yes
E1790674	Total Petroleum Hydrocarbons (Aromatic Medium)	6.2E+01	N			Yes
8001-35-2	Toxaphene	4.9E-01	C	9.3E-02	2L or IMAC	Yes
E1841606	Toxaphene, Weathered	3.8E-01	N	6.5E-01	Calculated	Yes
66841-25-6	Tralomethrin	9.5E+01	N	4.0E+02	Calculated	Yes
688-73-3	Tri-n-butyltin	4.7E+00	N	9.1E-01	Calculated	Yes
102-76-1	Triacetin	1.0E+06	N	3.2E+03	Calculated	Yes
43121-43-3	Triadimefon	4.3E+02	N	3.8E+00	Calculated	Yes
2303-17-5	Triallate	9.7E+00	C	2.2E-02	Calculated	Yes
82097-50-5	Triasulfuron	1.3E+02	N	1.5E+00	Calculated	Yes
101200-48-0	Tribenuron-methyl	1.0E+02	N	4.4E-01	Calculated	Yes
615-54-3	Tribromobenzene, 1,2,4-	7.8E+01	N	1.0E+00	Calculated	Yes
118-79-6	Tribromophenol, 2,4,6-	1.1E+02	N	2.3E+00	Calculated	Yes
78-48-8	Tribufos	2.5E+00	N	1.4E-01	Calculated	Yes
126-73-8	Tributyl Phosphate	6.0E+01	C	3.8E-01	Calculated	Yes
E1790679	Tributyltin Compounds	3.8E+00	N			Yes
56-35-9	Tributyltin Oxide	3.8E+00	N	2.2E+03	Calculated	Yes

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
10025-85-1	Trichloramine					
76-13-1	Trichloro-1,2,2-trifluoroethane, 1,1,2-	1.4E+03	N	9.8E+03	2L or IMAC	Yes
76-03-9	Trichloroacetic Acid	7.8E+00	C	2.1E-03	Calculated	Yes
33663-50-2	Trichloroaniline HCl, 2,4,6-	1.9E+01	C	6.6E-02	Calculated	
634-93-5	Trichloroaniline, 2,4,6-	3.8E-01	N	3.8E-02	Calculated	Yes
87-61-6	Trichlorobenzene, 1,2,3-	1.3E+01	N	3.3E-01	Calculated	Yes
120-82-1	Trichlorobenzene, 1,2,4-	1.2E+01	N	4.1E+00	2L or IMAC	Yes
71-55-6	Trichloroethane, 1,1,1-	1.7E+03	N	1.4E+00	2L or IMAC	Yes
79-00-5	Trichloroethane, 1,1,2-	3.2E-01	N	3.9E-03	2L or IMAC	Yes
79-01-6	Trichloroethylene	8.7E-01	N	2.1E-02	2L or IMAC	Yes
75-69-4	Trichlorofluoromethane	4.7E+03	N	2.5E+01	2L or IMAC	Yes
95-95-4	Trichlorophenol, 2,4,5-	1.3E+03	N	4.3E+00	2L or IMAC	Yes
88-06-2	Trichlorophenol, 2,4,6-	1.3E+01	N	7.7E-02	2L or IMAC	Yes
93-76-5	Trichlorophenoxyacetic Acid, 2,4,5-	1.3E+02	N	5.8E-01	Calculated	Yes
93-72-1	Trichlorophenoxypropionic acid, -2,4,5	1.0E+02	N	5.5E-01	2L or IMAC	Yes
598-77-6	Trichloropropane, 1,1,2-	7.8E+01	N	2.7E-01	Calculated	Yes
96-18-4	Trichloropropane, 1,2,3-	5.1E-03	C	4.3E-05	2L or IMAC	Yes
96-19-5	Trichloropropene, 1,2,3-	1.6E-01	N	2.1E-01	Calculated	Yes
1330-78-5	Tricresyl Phosphate (TCP)	2.5E+02	N	2.6E+02	Calculated	Yes
58138-08-2	Tridiphane	3.8E+01	N	3.0E+00	Calculated	Yes
121-44-8	Triethylamine	2.5E+01	N			Yes
112-27-6	Triethylene Glycol	2.5E+04	N	6.2E+01	Calculated	Yes
420-46-2	Trifluoroethane, 1,1,1-	3.1E+03	N			Yes
1582-09-8	Trifluralin	9.0E+01	C	3.0E+00	Calculated	Yes
512-56-1	Trimethyl Phosphate	2.7E+01	C	7.7E-03	Calculated	Yes
526-73-8	Trimethylbenzene, 1,2,3-	7.0E+01	N	2.1E+00	Calculated	Yes
95-63-6	Trimethylbenzene, 1,2,4-	6.3E+01	N	1.2E+01	2L or IMAC	Yes
108-67-8	Trimethylbenzene, 1,3,5-	5.6E+01	N	1.1E+01	2L or IMAC	Yes
25167-70-8	Trimethylpentene, 2,4,4-	1.6E+02	N	4.7E+00	Calculated	Yes
99-35-4	Trinitrobenzene, 1,3,5-	4.5E+02	N	1.5E+01	Calculated	Yes
118-96-7	Trinitrotoluene, 2,4,6-	7.3E+00	N	1.4E-01	Calculated	Yes
791-28-6	Triphenylphosphine Oxide	2.5E+02	N	1.2E+01	Calculated	Yes
13674-87-8	Tris(1,3-Dichloro-2-propyl) Phosphate	2.5E+02	N	6.3E+01	Calculated	Yes
13674-84-5	Tris(1-chloro-2-propyl)phosphate	1.3E+02	N	4.8E+00	Calculated	Yes
126-72-7	Tris(2,3-dibromopropyl)phosphate	2.8E-01	C	6.0E-03	Calculated	
115-96-8	Tris(2-chloroethyl)phosphate	2.7E+01	C	3.4E-02	Calculated	Yes
78-42-2	Tris(2-ethylhexyl)phosphate	1.7E+02	C	1.1E+03	Calculated	Yes
7440-33-7	Tungsten	1.3E+01	N	8.4E+00	Calculated	Yes
7440-61-1	Uranium	3.1E+00	N	6.3E+00	Calculated	Yes
51-79-6	Urethane	1.2E-01	C	1.6E-04	Calculated	

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CAS #	Chemical Name (See companion notes for shaded chemicals)	Residential Health Based PSRG (mg/kg)	Basis	Protection of Groundwater PSRG (mg/kg)	Basis	Does Chemical Have a Non-Cancer Effect?
1314-62-1	Vanadium Pentoxide	1.4E+02	N			Yes
7440-62-2	Vanadium and Compounds	7.9E+01	N	1.4E+02	2L or IMAC	Yes
1929-77-7	Vernolate	1.6E+01	N	1.1E-01	Calculated	Yes
50471-44-8	Vinclozolin	1.5E+01	N	1.3E-01	Calculated	Yes
108-05-4	Vinyl Acetate	1.9E+02	N	3.7E-01	2L or IMAC	Yes
593-60-2	Vinyl Bromide	2.7E-01	C			Yes
75-01-4	Vinyl Chloride	6.1E-02	C	2.1E-04	2L or IMAC	Yes
81-81-2	Warfarin	3.8E+00	N	4.4E-02	Calculated	Yes
108-38-3	Xylene, m-	1.2E+02	N	9.8E+00	2L or IMAC	Yes
95-47-6	Xylene, o-	1.4E+02	N	9.8E+00	2L or IMAC	Yes
106-42-3	Xylene, p-	1.2E+02	N	9.8E+00	2L or IMAC	Yes
1330-20-7	Xylenes	1.2E+02	N	9.9E+00	2L or IMAC	Yes
1314-84-7	Zinc Phosphide	4.7E+00	N			Yes
7440-66-6	Zinc and Compounds	4.7E+03	N	1.2E+03	2L or IMAC	Yes
12122-67-7	Zineb	6.3E+02	N	2.0E+01	Calculated	Yes
7440-67-7	Zirconium	1.3E+00	N	1.7E+01	Calculated	Yes