

IDEM Published Levels Table 2 Human Health: Recreational Exposure Scenarios	Medium >	SOIL					
	Type >	Recreational					
	Land Use >	Trail		Athletic Field		Community Park	
	Units/Q >	mg/kg	Q	mg/kg	Q	mg/kg	Q
Acenaphthene	83-32-9	1.E+05	L	8.E+04	N	3.E+04	N
Anthracene	120-12-7	1.E+05	L	1.E+05	L	1.E+05	L
Antimony (metallic)	7440-36-0	5.E+03	N	7.E+02	N	3.E+02	N
Arsenic, Inorganic	7440-38-2	4.E+02	C	1.E+02	C	4.E+01	C
Barium	7440-39-3	1.E+05	L	1.E+05	L	1.E+05	L
Benz[a]anthracene	56-55-3	5.E+02	C	2.E+02	C	7.E+01	C
Benzo(j)fluoranthene	205-82-3	2.E+02	C	8.E+01	C	2.E+01	C
Benzo[a]pyrene	50-32-8	5.E+01	C	2.E+01	C	7.E+00	C
Benzo[b]fluoranthene	205-99-2	5.E+02	C	2.E+02	C	7.E+01	C
Benzo[k]fluoranthene	207-08-9	5.E+03	C	2.E+03	C	7.E+02	C
Bis(2-ethylhexyl)phthalate	117-81-7	2.E+04	C	7.E+03	C	2.E+03	C
Boron And Borates Only	7440-42-8	1.E+05	L	1.E+05	L	1.E+05	L
Cadmium (Diet)	7440-43-9	7.E+02	N	2.E+02	N	6.E+01	N
Chromium(VI)	18540-29-9	4.E+02	C	7.E+01	C	3.E+01	C
Chrysene	218-01-9	5.E+04	C	2.E+04	C	7.E+03	C
Cobalt	7440-48-4	4.E+03	N	5.E+02	N	2.E+02	N
Dibenz[a,h]anthracene	53-70-3	5.E+01	C	2.E+01	C	7.E+00	C
Dioxins: Hexachlorodibenzo-p-dioxin, Mixture	34465-46-8	8.E-02	C	2.E-02	C	7.E-03	C
Dioxins: TCDD, 2,3,7,8-	1746-01-6	4.E-03	C	1.E-03	C	3.E-04	C
Fluoranthene	206-44-0	1.E+05	L	5.E+04	N	2.E+04	N
Fluorene	86-73-7	1.E+05	L	5.E+04	N	2.E+04	N
Indeno[1,2,3-cd]pyrene	193-39-5	5.E+02	C	2.E+02	C	7.E+01	C
Lead and Compounds	7439-92-1	8.E+02		8.E+02		8.E+02	
Lithium	7439-93-2	2.E+04	N	4.E+03	N	1.E+03	N
Manganese (Non-diet)	7439-96-5	1.E+05	L	4.E+04	N	2.E+04	N
Mercury (elemental)	7439-97-6	3.E+00	S	3.E+00	S	3.E+00	S
Methylnaphthalene, 1-	90-12-0	4.E+02	S	4.E+02	S	4.E+02	S
Methylnaphthalene, 2-	91-57-6	1.E+04	N	5.E+03	N	2.E+03	N
Molybdenum	7439-98-7	6.E+04	N	9.E+03	N	4.E+03	N
Naphthalene	91-20-3	1.E+03	C	7.E+02	C	2.E+02	C

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PCBs: (high risk)	1336-36-3	9.E+01	C	4.E+01	C	1.E+01	C
PCBs: Aroclor 1016	12674-11-2	2.E+02	N	9.E+01	N	3.E+01	N
PCBs: Aroclor 1221	11104-28-2	8.E+01	C	4.E+01	C	1.E+01	C
PCBs: Aroclor 1232	11141-16-5	8.E+01	C	4.E+01	C	1.E+01	C
PCBs: Aroclor 1242	53469-21-9	9.E+01	C	4.E+01	C	1.E+01	C
PCBs: Aroclor 1248	12672-29-6	9.E+01	C	4.E+01	C	1.E+01	C
PCBs: Aroclor 1254	11097-69-1	7.E+01	N	2.E+01	N	8.E+00	N
PCBs: Aroclor 1260	11096-82-5	9.E+01	C	4.E+01	C	1.E+01	C
PCBs: Aroclor 5460	11126-42-4	2.E+03	N	7.E+02	N	2.E+02	N
PCBs: Heptachlorobiphenyl, 2,3,3',4,4',5,5'- (PCB 189)	39635-31-9	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Hexachlorobiphenyl, 2,3,3',4,4',5- (PCB 156)	38380-08-4	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Hexachlorobiphenyl, 2,3,3',4,4',5'- (PCB 157)	69782-90-7	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Hexachlorobiphenyl, 2,3',4,4',5,5'- (PCB 167)	52663-72-6	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Hexachlorobiphenyl, 3,3',4,4',5,5'- (PCB 169)	32774-16-6	5.E-02	C	2.E-02	C	7.E-03	C
PCBs: Pentachlorobiphenyl, 2,3,3',4,4'- (PCB 105)	32598-14-4	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Pentachlorobiphenyl, 2,3,4,4',5- (PCB 114)	74472-37-0	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Pentachlorobiphenyl, 2,3',4,4',5- (PCB 118)	31508-00-6	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Pentachlorobiphenyl, 2',3,4,4',5- (PCB 123)	65510-44-3	5.E+01	C	2.E+01	C	7.E+00	C
PCBs: Pentachlorobiphenyl, 3,3',4,4',5- (PCB 126)	57465-28-8	1.E-02	C	7.E-03	C	2.E-03	C
PCBs: Tetrachlorobiphenyl, 3,3',4,4'- (PCB 77)	32598-13-3	1.E+01	C	7.E+00	C	2.E+00	C
PCBs: Tetrachlorobiphenyl, 3,4,4',5- (PCB 81)	70362-50-4	4.E+00	C	2.E+00	C	7.E-01	C
Pentachlorophenol	87-86-5	3.E+02	C	2.E+02	C	5.E+01	C
Pyrene	129-00-0	1.E+05	L	4.E+04	N	1.E+04	N
Selenium	7782-49-2	6.E+04	N	9.E+03	N	4.E+03	N
Strontium, Stable	7440-24-6	1.E+05	L	1.E+05	L	1.E+05	L
Thallium (Soluble Salts)	7440-28-0	1.E+02	N	2.E+01	N	7.E+00	N
Zinc and Compounds	7440-66-6	1.E+05	L	1.E+05	L	1.E+05	L

Abbreviations: C = cancer; L = Capped at 100,000 mg/kg; mg/kg = milligrams/kilogram; N = noncancer; Q = qualifier;
S = soil saturation limit