

## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
acenaphthene	83-32-9	2 000	2 000	950	2 000	950	2 000	15 000	15 000
acephate	30560-19-1	100	100	60	100	60	100	950	950
acetic acid, 2-methyl-4-chlorophenoxy- [MCPA]	94-74-6	15	15	8	15	8	15	100	100
acetochlor	34256-82-1	650	650	300	650	300	650	4 500	4 500
acetone	67-64-1	30 000	30 000	15 000	30 000	15 000	30 000	200 000 <sup>3,4</sup>	200 000 <sup>3,4</sup>
acetophenone	98-86-2	3 000 <sup>3</sup>	3 000 <sup>3</sup>	1 500 <sup>3</sup>	3 000 <sup>3</sup>	1 500	3 000	25 000 <sup>3,4</sup>	25 000
acrolein	107-02-8	15	15	8	15	8	15	100	100
acrylamide	79-06-1	6	6	3	6	3	6	65	65
acrylic acid	79-10-7	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
acrylonitrile	107-13-1	25	25	15	25	15	25	60	60
adipic acid	124-04-9	65 000 <sup>4</sup>	65 000 <sup>4</sup>	30 000 <sup>4</sup>	65 000 <sup>4</sup>	30 000	65 000	450 000 <sup>4</sup>	450 000
alachlor	15972-60-8	250	250	100	250	100	250	600	600
aldicarb	116-06-3	30	30	15	30	15	30	250	250
aldicarb sulfone	1646-88-4	30	30	15	30	15	30	250	250
aldrin	309-00-2	0.8	0.8	0.4	0.8	0.4	0.8	2	2
allyl alcohol	107-18-6	150	150	80	150	80	150	1 000	1 000
allyl chloride	107-05-1	650	650	350	650	350	650	1 500	1 500
aluminum	7429-90-5	40 000	40 000	40 000	40 000	40 000	40 000	250 000 <sup>4</sup>	250 000
ametryn	834-12-8	300	300	150	300	150	300	2 000	2 000
aminobiphenyl, 4-	92-67-1	0.65	0.65	0.35	0.65	0.35	0.65	1.5	1.5
aminophenol, 3-	591-27-5	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
aminophenol, 4-	123-30-8	650	650	300	650	300	650	4 500	4 500
amitraz	33089-61-1	80	80	40	80	40	80	600	600
aniline	62-53-3	200	200	100	200	100	200	1 500	1 500
anthraquinone, 9,10-	84-65-1	65	65	30	65	30	65	450	450
antimony	7440-36-0	500 <sup>5</sup>	500	250	500	250	500	1 500	40 000
aramite	140-57-8	550	550	300	550	300	550	1 500	1 500

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asbestos	1332-21-4	1% <sup>6</sup>	1%	1%	1%	1%	1%	1%	1%
asulam	3337-71-1	1 500	1 500	800	1 500	800	1 500	10 000	10 000
atrazine	1912-24-9	60	60	30	60	30	60	150	150
auramine	492-80-8	15	15	8	15	8	15	35	35
avermectin B1 (a + b)	71751-41-2	10	10	6	10	6	10	95	95
azinphos-methyl	86-50-0	90	90	45	90	45	90	700	700
azobenzene	103-33-3	150	150	65	150	65	150	300	300
azodicarbonamide	123-77-3	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
benfluralin	1861-40-1	9 000	9 000	4 500	9 000	4 500	9 000	70 000 <sup>4</sup>	70 000
benomyl	17804-35-2	1 500	1 500	800	1 500	800	1 500	10 000	10 000
bensulfuron-methyl	83055-99-6	6 500	6 500	3 000	6 500	3 000	6 500	45 000 <sup>4</sup>	45 000
bentazon	25057-89-0	900	900	450	900	450	900	7 000	7 000
benz(a)anthracene	56-55-3	95 <sup>5</sup>	95 <sup>5</sup>	50 <sup>5</sup>	95 <sup>5</sup>	50 <sup>5</sup>	95 <sup>5</sup>	300 <sup>5</sup>	500 <sup>5</sup>
benzidine	92-87-5	0.015	0.015	0.0065	0.015	0.0065	0.015	0.15	0.15
benzo(b+j)fluoranthenes	205-99-2 & 205-82-3	95 <sup>5</sup>	95 <sup>5</sup>	50 <sup>5</sup>	95 <sup>5</sup>	50 <sup>5</sup>	95 <sup>5</sup>	300 <sup>5</sup>	500 <sup>5</sup>
benzo(k)fluoranthene	207-08-9	95 <sup>5</sup>	95 <sup>5</sup>	50 <sup>5</sup>	95 <sup>5</sup>	50 <sup>5</sup>	95 <sup>5</sup>	300 <sup>5</sup>	500 <sup>5</sup>
benzoic acid	65-85-0	100 000 <sup>4</sup>	100 000 <sup>4</sup>	60 000 <sup>4</sup>	100 000 <sup>4</sup>	60 000	100 000	950 000 <sup>4</sup>	950 000
benzotrichloride	98-07-7	1	1	0.55	1	0.55	1	2.5	2.5
benzyl alcohol	100-51-6	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
benzyl chloride	100-44-7	65	65	30	65	30	65	200	200
bifenox	42576-02-3	300	300	150	300	150	300	2 000	2 000
bifenthrin	82657-04-3	500	500	250	500	250	500	3 500	3 500
biphenyl, 1,1'-	92-52-4	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
bis(2-chloroethoxy) methane	111-91-1	90	90	45	90	45	90	700	700
bis(2-chloroethyl) ether	111-44-4	2.5	2.5	1.5	2.5	1.5	2.5	6	6
bis(2-chloro-1-methylethyl) ether	108-60-1	1 000	1 000	600	1 000	600	1 000	9 500	9 500

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bis(2-ethylhexyl) adipate	103-23-1	10 000	10 000	6 000	10 000	6 000	10 000	25 000	25 000
bis(2-ethylhexyl) phthalate [DEHP]	117-81-7	350	350	150	350	150	350	1 000	30 000
bisphenol A	80-05-7	1 500	1 500	800	1 500	800	1 500	10 000	10 000
boron	7440-42-8	15 000	15 000	8 500	15 000	8 500	15 000	50 000	> 1 000 mg/g
bromate	15541-45-4	20	20	10	20	10	20	45	45
bromo-2-chloroethane, 1-	107-04-0	7	7	3.5	7	3.5	7	15	15
bromobenzene	108-86-1	250	250	150	250	150	250	2 000 <sup>3</sup>	2 000
bromodichloromethane	75-27-4	200	200	100	200	100	200	550	550
bromoform	75-25-2	650	650	300	650	300	650	4 000	4 000
bromomethane	74-83-9	45	45	20	45	20	45	300	300
bromophos	2104-96-3	150	150	80	150	80	150	1 000	1 000
bromoxynil	1689-84-5	650	650	300	650	300	650	4 500	4 500
butadiene, 1,3-	106-99-0	4	4	2	4	2	4	9.5	9.5
butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB]	94-81-5	300	300	150	300	150	300	2500	2500
butanol, 2-	78-92-2	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000
butanol, n-	71-36-3	3 000 <sup>3</sup>	3 000 <sup>3</sup>	1 500 <sup>3</sup>	3 000 <sup>3</sup>	1 500	3 000	25 000 <sup>3,4</sup>	25 000
butoxy ethanol, 2-	111-76-2	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
butyl benzyl phthalate	85-68-7	6 500	6 500	3 000	6 500	3 000	6 500	15 000	15 000
butyl phthalyl butyl glycolate	85-70-1	30 000	30 000	15 000	30 000	15 000	30 000	250 000 <sup>4</sup>	250 000
butylate	2008-41-5	1 500	1 500	800	1 500	800	1 500	10 000	10 000
butylated hydroxytoluene [BHT]	128-37-0	4 000	4 000	2 000	4 000	2 000	4 000	9 000	9 000
butylbenzene, n-	104-51-8	1 500 <sup>3</sup>	1 500 <sup>3</sup>	800 <sup>3</sup>	1 500 <sup>3</sup>	800	1 500	10 000 <sup>3</sup>	10 000
butylbenzene, sec-	135-98-8	3 000 <sup>3</sup>	3 000 <sup>3</sup>	1 500 <sup>3</sup>	3 000 <sup>3</sup>	1 500	3 000	25 000 <sup>3,4</sup>	25 000
butylbenzene, tert-	98-06-6	3 000 <sup>3</sup>	3 000 <sup>3</sup>	1 500 <sup>3</sup>	3 000 <sup>3</sup>	1 500	3 000	25 000 <sup>3,4</sup>	25 000
cacodylic acid	75-60-5	650	650	300	650	300	650	4500	4500

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caprolactam	105-60-2	15 000	15 000	8 000	15 000	8 000	15 000	100 000 <sup>4</sup>	100 000
captafol	2425-06-1	65	65	30	65	30	65	200	200
captan	133-06-2	4 000	4 000	2 000	4 000	2 000	4 000	15 000	15 000
carbaryl	63-25-2	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
carbofuran	1563-66-2	150	150	80	150	80	150	1 000	1 000
carbon disulfide	75-15-0	3 000 <sup>3</sup>	3 000 <sup>3</sup>	1 500 <sup>3</sup>	3 000 <sup>3</sup>	1 500	3 000	25 000 <sup>3</sup>	25 000
carbon tetrachloride	56-23-5	350	350	150	350	150	350	1 000	5 000
carbosulfan	55285-14-8	300	300	150	300	150	300	2 500	2 500
carboxin	5234-68-4	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
chloramben	133-90-4	500	500	250	500	250	500	3 500	3 500
chloranil	118-75-2	35	35	15	35	15	35	80	80
chlordane (cis + trans)	5103-71-9 & 5103-74-2	15	15	8	15	8	15	95	95
chlordecone	143-50-0	1.5	1.5	0.7	1.5	0.7	1.5	3.5	3.5
chlorfenvinphos	470-90-6	20	20	10	20	10	20	150	150
chlorimuron, ethyl	90982-32-4	650	650	300	650	300	650	4 500	4 500
chloro-2-methylaniline, 4-	95-69-2	90	90	45	90	45	90	350	350
chloroacetaldehyde, 2-	107-20-0	50	50	25	50	25	50	100	100
chloroaniline, p-	106-47-8	70	70	35	70	35	70	150	150
chlorobenzene	108-90-7	1 500	1 500	850	1 500	850	1 500	5 000	150 000
chlorobenzilate	510-15-6	150	150	65	150	65	150	300	300
chlorobenzoic acid, 4-	74-11-3	900	900	450	900	450	900	7 000	7 000
chlorobenzotrifluoride, 4-	5216-25-1	0.7	0.7	0.35	0.7	0.35	0.7	1.5	1.5
chlorobenzotrifluoride, 4-	98-56-6	90	90	45	90	45	90	700 <sup>3</sup>	700
chlorobutane, 1-	109-69-3	1 000 <sup>3</sup>	1 000 <sup>3</sup>	600 <sup>3</sup>	1 000 <sup>3</sup>	600	1 000	9 500 <sup>3</sup>	9 500
chloroethanol, 2-	107-07-3	650	650	300	650	300	650	4 500	4 500
chloroform	67-66-3	850	850	400	850	400	850	2 500	70 000
chloronaphthalene, 2-	91-58-7	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000

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chloronitrobenzene, 2-	88-73-3	45	45	25	45	25	45	100	100
chloronitrobenzene, 4-	100-00-5	30	30	15	30	15	30	250	250
chlorophenol, 2-	95-57-8	400	400	200	400	200	400	1 500	35 000
chlorophenol, 3-	108-43-0	250 <sup>8</sup>	250	100	250	100	250	750	20 000
chlorophenol, 4-	106-48-9	250	250	100	250	100	250	750	20 000
chloroprene	126-99-8	650	650	300	650	300	650	4 500	4 500
chlorothalonil	1897-45-6	500	500	250	500	250	500	3 500	3 500
chlorotoluene, 2-	95-49-8	650 <sup>3</sup>	650 <sup>3</sup>	300 <sup>3</sup>	650 <sup>3</sup>	300	650	4 500 <sup>3</sup>	4 500
chlorotoluene, 4-	106-43-4	650 <sup>3</sup>	650 <sup>3</sup>	300 <sup>3</sup>	650 <sup>3</sup>	300	650	4 500 <sup>3</sup>	4 500
chlorpropham	101-21-3	6 500	6 500	3 000	6 500	3 000	6 500	45 000 <sup>4</sup>	45 000
chlorpyrifos	2921-88-2	30	30	15	30	15	30	250	250
chlorpyrifos-methyl	5598-13-0	300	300	150	300	150	300	2 500	2 500
chlorsulfuron	64902-72-3	1 500	1 500	800	1 500	800	1 500	10 000	10 000
chlorthal-dimethyl	1861-32-1	300	300	150	300	150	300	2 500	2 500
chlorthiophos	60238-56-4	25	25	15	25	15	25	200	200
chrysene	218-01-9	400	400	200	400	200	400	4 500	4 500
clofentezine	74115-24-5	400	400	200	400	200	400	3 000	3 000
crotonaldehyde, trans-	123-73-9	7.5	7.5	3.5	7.5	3.5	7.5	15	15
cyanazine	21725-46-2	15	15	8.5	15	8.5	15	40	40
cyanogen	460-19-5	30	30	15	30	15	30	250	250
cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	600	600	300	600	300	600	1 500	1 500
cyclohexanone	108-94-1	150 000 <sup>3</sup>	150 000 <sup>3</sup>	80 000 <sup>3</sup>	150 000 <sup>3</sup>	80 000	150 000	1 000 000 <sup>3,4</sup>	1 000 000
cyclohexene	110-83-8	150 <sup>3</sup>	150 <sup>3</sup>	80 <sup>3</sup>	150 <sup>3</sup>	80	150	1 000	1 000
cyclohexylamine	108-91-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000 <sup>4</sup>	45 000
cyfluthrin	68359-37-5	800	800	400	800	400	800	6 000	6 000
cyhalothrin	68085-85-8	150	150	80	150	80	150	1 000	1 000
cypermethrin	52315-07-8	300	300	150	300	150	300	2 500	2 500

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cyromazine	66215-27-8	250	250	100	250	100	250	2 000	2 000
dalapon	75-99-0	900	900	450	900	450	900	7 000	7 000
daminozide	1596-84-5	800	800	400	800	400	800	2 000	2 000
demeton	8065-48-3	1	1	0.6	1	0.6	1	9.5	9.5
diallate	2303-16-4	200	200	100	200	100	200	550	550
diaminotoluene, 2,5-	95-70-5	6.5	6.5	3	6.5	3	6.5	45	45
diazinon	333-41-5	20	20	10	20	10	20	150	150
dibenz(a,h)anthracene	53-70-3	10 <sup>4</sup>	10 <sup>4</sup>	5 <sup>4</sup>	10 <sup>4</sup>	5 <sup>4</sup>	10 <sup>4</sup>	30 <sup>4</sup>	50 <sup>4</sup>
dibenzo(a,e)pyrene	192-65-4	1	1	0.6	1	0.6	1	2.5	2.5
dibenzofuran	132-64-9	30	30	15	30	15	30	250	250
dibenzothiophene	132-65-0	300	300	150	300	150	300	2 500	2 500
dibromo-3-chloropropane, 1,2-	96-12-8	4	4	2	4	2	4	40	40
dibromobenzene, 1,3-	108-36-1	10	10	6	10	6	10	95 <sup>3</sup>	95
dibromobenzene, 1,4-	106-37-6	300	300	150	300	150	300	2 500	2 500
dibromochloromethane [DBCM]	124-48-1	150	150	85	150	85	150	400	400
dibromoethane, 1,2-	106-93-4	7	7	3.5	7	3.5	7	15	15
dibutyl phthalate [DBP]	84-74-2	8 500	8 500	4 000	8 500	4 000	8 500	25 000	700 000
dibutyltin	14488-53-0	9	9	4.5	9	4.5	9	70	70
dicamba	1918-00-9	900	900	450	900	450	900	7 000	7 000
dichloroacetic acid	79-43-6	100	100	60	100	60	100	650	650
dichlorobenzene, 1,2-	95-50-1	7 500	7 500	3 500	7 500	3 500	7 500	25 000	650 000
dichlorobenzene, 1,3-	541-73-1	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorobenzene, 1,4-	106-46-7	9 000	9 000	4 500	9 000	4 500	9 000	30 000	800 000
dichlorobenzidine, 3,3'-	91-94-1	30	30	15	30	15	30	75	75
dichlorodifluoromethane	75-71-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
dichlorodiphenyl sulfone, 4,4'-	80-07-9	25	25	15	25	15	25	200	200
dichloroethane, 1,1-	75-34-3	15 000 <sup>5</sup>	15 000 <sup>5</sup>	8 500 <sup>5</sup>	15 000 <sup>5</sup>	8 500 <sup>5</sup>	15 000 <sup>5</sup>	50 000 <sup>5</sup>	> 1 000 mg/g <sup>5</sup>

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dichloroethane, 1,2-	107-06-2	150	150	75	150	75	150	350	350
dichloroethylene, 1,1-	75-35-4	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000
dichloroethylene, 1,2-cis-	156-59-2	150	150	85	150	85	150	500	15 000
dichloroethylene, 1,2-trans-	156-60-5	1 500	1 500	850	1 500	850	1 500	5 000	150 000
dichloromethane	75-09-2	500	500	250	500	250	500	1 500	40 000
dichlorophenol, 2,3-	576-24-9	250	250	100	250	100	250	750	20 000
dichlorophenol, 2,4-	120-83-2	250	250	100	250	100	250	750	20 000
dichlorophenol, 2,5-	583-78-8	250	250	100	250	100	250	750	20 000
dichlorophenol, 2,6-	87-65-0	250	250	100	250	100	250	750	20 000
dichlorophenol, 3,4-	95-77-2	250	250	100	250	100	250	750	20 000
dichlorophenol, 3,5-	591-35-5	250	250	100	250	100	250	750	20 000
dichlorophenoxy acetic acid, 2,4- [2,4-D]	94-75-7	300	300	150	300	150	300	2 500	2 500
dichlorophenoxy butyric acid, 2,4- [2,4-DB]	94-82-6	250	250	150	250	150	250	2 000	2 000
dichloropropane, 1,2-	78-87-5	1 000	1 000	600	1 000	600	1 000	3 500	10 000
dichloropropane, 1,3-	142-28-9	650 <sup>3</sup>	650 <sup>3</sup>	300 <sup>3</sup>	650 <sup>3</sup>	300	650	4 500 <sup>3</sup>	4 500
dichloropropanol, 2,3-	616-23-9	90	90	45	90	45	90	700	700
dichloropropene, 1,3- (cis + trans)	542-75-6	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorvos	62-73-7	15	15	8	15	8	15	100	100
dicrotophos	141-66-2	3	3	1.5	3	1.5	3	25	25
dicyclopentadiene	77-73-6	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
dieldrin	60-57-1	0.85	0.85	0.45	0.85	0.45	0.85	2	2
diethanolamine	111-42-2	65	65	30	65	30	65	450	450
diethyl ether	60-29-7	6 500 <sup>3</sup>	6 500 <sup>3</sup>	3 000 <sup>3</sup>	6 500 <sup>3</sup>	3 000	6 500	45 000 <sup>3,4</sup>	45 000
diethyl phthalate	84-66-2	25 000	25 000	15 000	25 000	15 000	25 000	200 000 <sup>4</sup>	200 000
diethyldithiocarbamate	392-74-5	10	10	5	10	5	10	25	25

**SCHEDULE 3.1 – PART 2**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
diethylene glycol monobutyl ether	112-34-5	900	900	450	900	450	900	7 000	7 000
diethylene glycol monoethyl ether	111-90-0	2 000	2 000	950	2 000	950	2 000	15 000	15 000
diethylformamide	617-84-5	30	30	15	30	15	30	250	250
diflubenzuron	35367-38-5	650	650	300	650	300	650	4 500	4 500
diisobutylene	25167-70-8	300 <sup>3</sup>	300 <sup>3</sup>	150 <sup>3</sup>	300 <sup>3</sup>	150	300	2 500 <sup>3</sup>	2 500
dimethipin	55290-64-7	650	650	300	650	300	650	4 500	4 500
dimethoate	60-51-5	6.5	6.5	3	6.5	3	6.5	45	45
dimethoxybenzidine, 3,3'-	119-90-4	8.5	8.5	4.5	8.5	4.5	8.5	20	20
dimethyl methylphosphonate	756-79-6	2 000	2 000	950	2 000	950	2 000	15 000	15 000
dimethylamino azobenzene, 4-[DAB]	60-11-7	3	3	1.5	3	1.5	3	7	7
dimethylaniline, 2,4-	95-68-1	65	65	30	65	30	65	150	150
dimethylaniline, N,N-[DMA]	121-69-7	65	65	30	65	30	65	450 <sup>3</sup>	450
dimethylbenz(a)anthracene, 7,12-	57-97-6	0.02	0.02	0.02	0.02	0.02	0.02	0.025	0.025
dimethylbenzidine, 3,3'-	119-93-7	1.5	1.5	0.65	1.5	0.65	1.5	3	3
dimethylformamide	68-12-2	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
dimethylhydrazine, 1,1-	57-14-7	3	3	1.5	3	1.5	3	25	25
dimethylphenol, 2,4-	105-67-9	1 500	1 500	850	1 500	850	1 500	5 000	150 000
dimethylphenol, 2,6-	576-26-1	50	50	25	50	25	50	150	4 000
dimethylphenol, 3,4-	95-65-8	85	85	40	85	40	85	250	7 000
dimethylterephthalate	120-61-6	3 000	3 000	1 500	3 000	1 500	3 000	25 000 <sup>4</sup>	25 000
dinitrobenzene, 1,2-	528-29-0	3	3	1.5	3	1.5	3	25	25
dinitrobenzene, 1,3-	99-65-0	3	3	1.5	3	1.5	3	25	25
dinitrobenzene, 1,4-	100-25-4	3	3	1.5	3	1.5	3	25	25



## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
dinitro-o-cyclohexyl phenol, 4,6-	131-89-5	65	65	30	65	30	65	450	450
dinitrophenol, 2,4-	51-28-5	150	150	85	150	85	150	500	15 000
dinitrotoluene, 2,4-	121-14-2	45	45	20	45	20	45	100	100
dinitrotoluene, 2,6-	606-20-2	9	9	4.5	9	4.5	9	20	20
dinitrotoluene, 2-amino-4,6-	35572-78-2	65	65	30	65	30	65	450	450
dinitrotoluene, 4-amino-2,6-	19406-51-0	65	65	30	65	30	65	450	450
dinoseb	88-85-7	30	30	15	30	15	30	250	250
dioxane, 1,4-	123-91-1	150	150	70	150	70	150	350	350
diphenamid	957-51-7	900	900	450	900	450	900	7 000	7 000
diphenyl sulfone	127-63-9	25	25	15	25	15	25	200	200
diphenyl-1,4-benzenediamine, N, N-	74-31-7	9	9	4.5	9	4.5	9	70	70
diphenylamine	122-39-4	800	800	400	800	400	800	6 000	6 000
diquat (as dibromide)	85-00-7	70	70	35	70	35	70	500	500
Direct Black 38	1937-37-7	2	2	1	2	1	2	4.5	4.5
Direct Blue 6	2602-46-2	2	2	0.95	2	0.95	2	4.5	4.5
Direct Brown 95	16071-86-6	2	2	1	2	1	2	5	5
disulfoton	298-04-4	1	1	0.6	1	0.6	1	9.5	9.5
diuron	330-54-1	65	65	30	65	30	65	450	450
dodine	2439-10-3	100	100	60	100	60	100	950	950
endosulfan (I + II)	115-29-7	500	500	250	500	250	500	1 500	40 000
endothall	145-73-3	650	650	300	650	300	650	4 500	4 500
endrin	72-20-8	9	9	4.5	9	4.5	9	70	70
EPTC	759-94-4	800	800	400	800	400	800	6 000	6 000
ethanol, 2-(2-methoxyethoxy)-	111-77-3	1 000	1 000	600	1 000	600	1 000	9 500	9 500
ethephon	16672-87-0	150	150	80	150	80	150	1 000	1 000
ethion	563-12-2	15	15	8	15	8	15	100	100

SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
ethoxyethanol acetate, 2-	111-15-9	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
ethoxyethanol, 2-	110-80-5	3 000	3 000	1 500	3 000	1 500	3 000	20 000	20 000
ethyl acetate	141-78-6	30 000	30 000	15 000	30 000	15 000	30 000	200 000	200 000
ethyl acrylate	140-88-5	150	150	80	150	80	150	1 000	1 000
ethylene cyanohydrin	109-78-4	2 000	2 000	1 000	2 000	1 000	2 000	15 000	15 000
ethylenediamine	107-15-3	3 000	3 000	1 500	3 000	1 500	3 000	20 000 <sup>4</sup>	20 000
ethylene thiourea	96-45-7	2.5	2.5	1.5	2.5	1.5	2.5	20	20
ethyleneimine	151-56-4	0.2	0.2	0.1	0.2	0.1	0.2	0.5	0.5
ethyl-p-nitrophenyl benzenethionophosphonate [EPN]	2104-64-5	0.3	0.3	0.15	0.3	0.15	0.3	2.5	2.5
fenamiphos	22224-92-6	8	8	4	8	4	8	60	60
fenpropathrin	39515-41-8	800	800	400	800	400	800	6 000	6 000
fenvalerate	51630-58-1	800	800	400	800	400	800	6 000	6 000
fluometuron	2164-17-2	400	400	200	400	200	400	3 000	3 000
fluorene	86-73-7	1 000	1 000	600	1 000	600	1 000	9 500	9 500
fluoride	16984-48-8	8 500	8 500	4 500	8 500	4 500	8 500	25 000	750 000
fluridone	59756-60-4	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
flurprimidol	56425-91-3	650	650	300	650	300	650	4 500	4 500
flusilazole	85509-19-9	20	20	10	20	10	20	150	150
flutolanil	66332-96-5	2 000	2 000	950	2 000	950	2 000	15 000	15 000
fluvalinate	69409-94-5	300	300	150	300	150	300	2 500	2 500
folpet	133-07-3	3 000	3 000	1 500	3 000	1 500	3 000	9 500	9 500
fomesafen	72178-02-0	75	75	35	75	35	75	150	150
fonofos	944-22-9	65	65	30	65	30	65	450	450
formaldehyde	50-00-0	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
formic acid	64-18-6	30 000	30 000	15 000	30 000	15 000	30 000	200 000	200 000
fosetyl	15845-66-6	90 000 <sup>4</sup>	90 000 <sup>4</sup>	45 000 <sup>4</sup>	90 000 <sup>4</sup>	45 000	90 000	700 000 <sup>4</sup>	700 000

## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
furan	110-00-9	30	30	15	30	15	30	250	250
furazolidone	67-45-8	3.5	3.5	2	3.5	2	3.5	8.5	8.5
furfural	98-01-1	90	90	45	90	45	90	700	700
furmecyclox	60568-05-0	450	450	250	450	250	450	1 000	1 000
furothiazole	531-82-8	9	9	4.5	9	4.5	9	20	20
glufosinate	53369-07-6	10	10	6	10	6	10	95	95
glycidaldehyde	765-34-4	10	10	6	10	6	10	95	95
glyphosate	1071-83-6	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
guanidine	113-00-8	300	300	150	300	150	300	2 500	2 500
haloxyfop, methyl	69806-40-2	1.5	1.5	0.8	1.5	0.8	1.5	10	10
HEPHs <sup>9</sup>	NA <sup>10</sup>	1 000 <sup>11</sup>	1 000 <sup>11</sup>	1 000 <sup>12</sup>	1 000 <sup>12</sup>	1 000 <sup>13</sup>	1 000 <sup>13</sup>	5 000 <sup>12</sup>	5 000 <sup>12</sup>
heptachlor	76-44-8	3	3	1.5	3	1.5	3	7.5	7.5
heptachlor epoxide	1024-57-3	0.4	0.4	0.2	0.4	0.2	0.4	3	3
hexabromobenzene	87-82-1	65	65	30	65	30	65	450	450
hexabromobiphenyl, 2,2',4,4',5,5'-	59536-65-1	0.09	0.09	0.045	0.09	0.045	0.09	0.2	0.2
hexachlorobenzene	118-74-1	65	65	35	65	35	65	200	450
hexachlorobutadiene	87-68-3	30	30	15	30	15	30	250	250
hexachlorocyclohexane, alpha-	319-84-6	2	2	1	2	1	2	5	5
hexachlorocyclohexane, beta-	319-85-7	8	8	4	8	4	8	20	20
hexachlorocyclohexane, gamma	58-89-9	25	25	10	25	10	25	75	250
hexachlorocyclopentadiene	77-47-4	200	200	95	200	95	200	1 500	1 500
hexachloroethane	67-72-1	20	20	10	20	10	20	150	150
hexachlorophene	70-30-4	9	9	4.5	9	4.5	9	70	70
hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX]	121-82-4	90	90	45	90	45	90	300	300
hexamethylphosphor-amide	680-31-9	10	10	6	10	6	10	95	95

SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
hexanone, 2-	591-78-6	150	150	80	150	80	150	1 000	1 000
hexazinone	51235-04-2	1 000	1 000	500	1 000	500	1 000	8 000	8 000
hexythiazox	78587-05-0	800	800	400	800	400	800	6 000	6 000
hydramethylnon	67485-29-4	9	9	4.5	9	4.5	9	70	70
hydrazine	302-01-2	4.5	4.5	2.5	4.5	2.5	4.5	10	10
hydroquinone	123-31-9	250	250	100	250	100	250	550	550
imazalil	35554-44-0	400	400	200	400	200	400	3 000	3 000
imazaquin	81335-37-7	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
imazethapyr	81335-77-5	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
indeno(1,2,3-cd)pyrene	193-39-5	95	95	50	95	50	95	300	500
iprodione	36734-19-7	1 000	1 000	600	1 000	600	1 000	9 500	9 500
iron	7439-89-6	35 000	35 000	35 000	35 000	35 000	35 000	150 000	150 000
isobutanol	78-83-1	9 000 <sup>3</sup>	9 000 <sup>3</sup>	4 500 <sup>3</sup>	9 000 <sup>3</sup>	4 500	9 000	70 000 <sup>3</sup>	70 000
isophorone	78-59-1	6 500	6 500	3 000	6 500	3 000	6 500	35 000	35 000
isopropalin	33820-53-0	500	500	250	500	250	500	3 500	3 500
isopropanol	67-63-0	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000
isopropylbenzene	98-82-8	3 000 <sup>3</sup>	3 000 <sup>3</sup>	1 500 <sup>3</sup>	3 000 <sup>3</sup>	1 500	3 000	25 000 <sup>3</sup>	25 000
isoxaben	82558-50-7	1 500	1 500	800	1 500	800	1 500	10 000	10 000
lactofen	77501-63-4	65	65	30	65	30	65	450	450
LEPHs <sup>14</sup>	NA <sup>10</sup>	1 000 <sup>11</sup>	1 000 <sup>11</sup>	1 000 <sup>12</sup>	1 000 <sup>12</sup>	1 000 <sup>13</sup>	1 000 <sup>13</sup>	2 000 <sup>12</sup>	2 000 <sup>12</sup>
linuron	330-55-2	65	65	30	65	30	65	450	450
lithium	7439-93-2	65	65	30	65	30	65	450	450
malathion	121-75-5	650	650	300	650	300	650	4 500	4 500
malononitrile	109-77-3	3	3	1.5	3	1.5	3	25	25
mancozeb	8018-01-7	900	900	450	900	450	900	7 000	7 000
maneb	12427-38-2	150	150	80	150	80	150	1 000	1 000
mecoprop [MCP]	93-65-2	30	30	15	30	15	30	250	250
merphos	150-50-5	0.9	0.9	0.45	0.9	0.45	0.9	7	7

## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
metalaxyl	57837-19-1	2 000	2 000	950	2 000	950	2 000	15 000	15 000
methacrylonitrile	126-98-7	3	3	1.5	3	1.5	3	25	25
methamidophos	10265-92-6	1.5	1.5	0.8	1.5	0.8	1.5	10	10
methidathion	950-37-8	30	30	15	30	15	30	250	250
methomyl	16752-77-5	800	800	400	800	400	800	6 000	6 000
methoxy-5-nitroaniline, 2-	99-59-2	300	300	150	300	150	300	650	650
methoxychlor	72-43-5	150	150	80	150	80	150	1 000	1 000
methoxyethanol, 2-	109-86-4	150	150	80	150	80	150	1 000	1 000
methoxyethanol acetate, 2-	110-49-6	250	250	150	250	150	250	2 000	2 000
methyl acetate	79-20-9	30 000 <sup>3</sup>	30 000 <sup>3</sup>	15 000 <sup>3</sup>	30 000 <sup>3</sup>	15 000	30 000	250 000 <sup>3,4</sup>	250 000
methyl ethyl ketone [MEK]	78-93-3	20 000	20 000	9 500	20 000	9 500	20 000	150 000	150 000
methyl hydrazine	60-34-4	30	30	15	30	15	30	250	250
methyl mercury	22967-92-6	3	3	1.5	3	1.5	3	25	25
methyl methacrylate	80-62-6	45 000 <sup>3</sup>	45 000 <sup>3</sup>	20 000 <sup>3</sup>	45 000 <sup>3</sup>	20 000	45 000	300 000 <sup>3</sup>	300 000
methyl tert-butyl ether [MTBE]	1634-04-4	8 000	8 000	4 000	8 000	4 000	8 000	20 000	20 000
methyl-5-nitroaniline, 2-	99-55-8	650	650	300	650	300	650	3 500	3 500
methylaniline, 2-	95-53-4	20	20	10	20	10	20	50	50
methylaniline, 4-	106-49-0	100	100	60	100	60	100	950	950
methylcholanthrene, 3-	56-49-5	0.15	0.15	0.07	0.15	0.07	0.15	1.5	1.5
methylene-bis(2-chloroaniline), 4,4'-	101-14-4	30	30	15	30	15	30	350	350
methylene-bis(N, N-dimethyl aniline, 4,4'-	101-61-1	300	300	150	300	150	300	700	700
methylenebisbenzenamine, 4,4'-	101-77-9	8.5	8.5	4.5	8.5	4.5	8.5	20	20
methylnaphthalene, 1-	90-12-0	500	500	250	500	250	500	1 000	1 000
methylnaphthalene, 2-	91-57-6	100	100	60	100	60	100	950	950
methylphenol, 2-	95-48-7	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000

**SCHEDULE 3.1 – PART 2**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
methylphenol, 3-	108-39-4	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000
methylphenol, 4-	106-44-5	400	400	200	400	200	400	1 500	35 000
methylphenol, 4-chloro-3-	59-50-7	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
methylstyrene, alpha-	98-83-9	2 000 <sup>3</sup>	2 000 <sup>3</sup>	1 000 <sup>3</sup>	2 000 <sup>3</sup>	1 000	2 000	15 000 <sup>3</sup>	15 000
metolachlor	51218-45-2	5 000	5 000	2 500	5 000	2 500	5 000	35 000	35 000
metribuzin	21087-64-9	800	800	400	800	400	800	6 000	6 000
met sulfuron-methyl	74223-64-6	8 000	8 000	4 000	8 000	4 000	8 000	60 000 <sup>4</sup>	60 000
mirex	2385-85-5	0.8	0.8	0.4	0.8	0.4	0.8	2	2
molinate	2212-67-1	65	65	30	65	30	65	450	450
monomethylarsonic acid	124-58-3	300	300	150	300	150	300	2 500	2 500
methylaniline, N-	100-61-8	65	65	30	65	30	65	450	450
myclobutanil	88671-89-0	800	800	400	800	400	800	6 000	6 000
naled	300-76-5	65	65	30	65	30	65	450	450
naphthylamine, 2-	91-59-8	8	8	4	8	4	8	20	20
napropamide	15299-99-7	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
nitrate (as N)	14797-55-8	50 000 <sup>4</sup>	50 000 <sup>4</sup>	25 000 <sup>4</sup>	50 000 <sup>4</sup>	25 000	50 000	400 000 <sup>4</sup>	400 000
nitrite (as N)	14797-65-0	3 000	3 000	1 500	3 000	1 500	3 000	25 000 <sup>4</sup>	25 000
nitroaniline, 2-	88-74-4	300	300	150	300	150	300	2 500	2 500
nitroaniline, 4-	100-01-6	100	100	60	100	60	100	950	950
nitrobenzene	98-95-3	65	65	30	65	30	65	450	450
nitrofurazone	59-87-0	10	10	5.5	10	5.5	10	25	25
nitroglycerin	55-63-0	3	3	1.5	3	1.5	3	25	25
nitroguanidine	556-88-7	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
nitrophenol, 2-	88-75-5	2 <sup>12</sup>	2 <sup>12</sup>	0.1 <sup>12</sup>	2 <sup>12</sup>	1 <sup>12</sup>	2 <sup>12</sup>	10 <sup>12</sup>	10 <sup>12</sup>
nitrophenol, 4-	100-02-7	2 <sup>12</sup>	2 <sup>12</sup>	0.1 <sup>12</sup>	2 <sup>12</sup>	1 <sup>12</sup>	2 <sup>12</sup>	10 <sup>12</sup>	10 <sup>12</sup>
nitropyrene, 4-	57835-92-4	10	10	6	10	6	10	25	25
nitrosodiethanolamine, N-	1116-54-7	5	5	2.5	5	2.5	5	10	10

## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
nitrosodiethylamine, N-[NDEA]	55-18-5	0.02	0.02	0.01	0.02	0.01	0.02	0.2	0.2
nitrosodimethylamine, N-[NDMA]	62-75-9	0.06	0.06	0.03	0.06	0.03	0.06	0.65	0.65
nitroso-di-N-butylamine, N-	924-16-3	2.5	2.5	1.5	2.5	1.5	2.5	6	6
nitroso-di-N-propylamine, N-	621-64-7	2	2	1	2	1	2	4.5	4.5
nitrosodiphenylamine, N-	86-30-6	3 000	3 000	1 500	3 000	1 500	3 000	6 500	6 500
nitrosomethylethylamine, N-	10595-95-6	0.65	0.65	0.3	0.65	0.3	0.65	1.5	1.5
nitrosomorpholine, N-	59-89-2	2	2	1	2	1	2	5	5
nitrosopiperidine, N-	100-75-4	1.5	1.5	0.75	1.5	0.75	1.5	3.5	3.5
nitrosopyrrolidine, N-	930-55-2	6.5	6.5	3.5	6.5	3.5	6.5	15	15
nitrotoluene, 2-	88-72-2	30	30	15	30	15	30	150	150
nitrotoluene, 3-	99-08-1	3	3	1.5	3	1.5	3	25	25
nitrotoluene, 4-	99-99-0	100	100	60	100	60	100	950	950
nonane, n-	111-84-2	9 <sup>3</sup>	9 <sup>3</sup>	4.5 <sup>3</sup>	9 <sup>3</sup>	4.5	9	70 <sup>3</sup>	70
nonaqueous phase liquids <sup>15</sup>	NA <sup>10</sup>	not present	not present	not present	not present	not present	not present	not present	not present
norflurazon	27314-13-2	1 000	1 000	600	1 000	600	1 000	9 500	9 500
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine [HMX]	2691-41-0	1 500	1 500	800	1 500	800	1 500	10 000	10 000
octamethylpyrophosphoramide [OMPA]	152-16-9	65	65	30	65	30	65	450	450
octyl phthalate, di-n- [DNOP]	117-84-0	300	300	150	300	150	300	2 500	2 500
odorous substances <sup>16</sup>	NA <sup>10</sup>	not present	not present	not present	not present	not present	not present	not present	not present
oryzalin	19044-88-3	1 500	1 500	800	1 500	800	1500	10 000	10 000
oxadiazon	19666-30-9	150	150	80	150	80	150	1 000	1 000
oxamyl	23135-22-0	800	800	400	800	400	800	6 000	6 000
oxyfluorfen	42874-03-3	90	90	45	90	45	90	700	700
paclobutrazol	76738-62-0	400	400	200	400	200	400	3 000	3 000

**SCHEDULE 3.1 – PART 2**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
paraquat (as dichloride)	1910-42-5	150	150	70	150	70	150	1 000	1 000
parathion	56-38-2	200	200	95	200	95	200	1 500	1 500
parathion methyl	298-00-0	8	8	4	8	4	8	60	60
pebulate	1114-71-2	1 500	1 500	800	1 500	800	1 500	10 000	10 000
pendimethalin	40487-42-1	1 000	1 000	600	1 000	600	1 000	9 500	9 500
pentachlorobenzene, 1,2,3,4,5-	608-93-5	65	65	35	65	35	65	200	5 500
pentachloroethane	76-01-7	150	150	75	150	75	150	350	350
pentachloronitrobenzene [PCNB]	82-68-8	55	55	25	55	25	55	150	150
pentaerythritol tetranitrate [PETN]	78-11-5	65	65	30	65	30	65	450	450
perchlorate	14797-73-0	20	20	10	20	10	20	150	150
perfluorobutane sulfonate [PFBS]	375-73-5	650	650	300	650	300	650	4 500	4 500
permethrin (cis + trans)	52645-53-1	1 500	1 500	800	1 500	800	1 500	10 000	10 000
phenanthrene	85-01-8	3 500	3 500	1 500	3 500	1 500	3 500	10 000	300 000
phenmedipham	13684-63-4	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
phenol, 2-methyl-4,6-dinitro-	534-52-1	2.5	2.5	1.5	2.5	1.5	2.5	20	20
phenothiazine	92-84-2	15	15	8	15	8	15	100	100
phenylenediamine, m- [MPD]	108-45-2	200	200	95	200	95	200	1 500	1 500
phenylenediamine, o- [OPD]	95-54-5	300	300	150	300	150	300	700	700
phenylenediamine, p- [PPD]	106-50-3	6 000	6 000	3 000	6 000	3 000	6 000	45 000	45 000
phenylphenol, 2-	90-43-7	7 000	7 000	3 500	7 000	3 500	7 000	15 000	15 000
phorate	298-02-2	6.5	6.5	3	6.5	3	6.5	45	45
phosmet	732-11-6	650	650	300	650	300	650	4 500	4 500
phthalic acid, p-	100-21-0	30 000	30 000	15 000	30 000	15 000	30 000	250 000 <sup>4</sup>	250 000
picloram	1918-02-1	2 000	2 000	1 000	2 000	1 000	2 000	15 000	15 000
picramic acid	96-91-3	3	3	1.5	3	1.5	3	25	25



## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
picric acid	88-89-1	30	30	15	30	15	30	200	200
pirimiphos- methyl	29232-93-7	300	300	150	300	150	300	2 500	2 500
prochloraz	67747-09-5	90	90	45	90	45	90	200	200
profluralin	26399-36-0	200	200	95	200	95	200	1 500	1 500
prometon	1610-18-0	500	500	250	500	250	500	3 500	3 500
prometryn	7287-19-6	100	100	60	100	60	100	950	950
propachlor	1918-16-7	400	400	200	400	200	400	3 000	3 000
propanil	709-98-8	150	150	80	150	80	150	1 000	1 000
propargite	2312-35-8	650	650	300	650	300	650	4 500	4 500
propargyl alcohol	107-19-7	65	65	30	65	30	65	450	450
propazine	139-40-2	650	650	300	650	300	650	4 500	4 500
propham	122-42-9	650	650	300	650	300	650	4 500	4 500
propiconazole	60207-90-1	400	400	200	400	200	400	3 000	3 000
propylbenzene, 1-	103-65-1	3 000 <sup>3</sup>	3 000 <sup>3</sup>	1 500 <sup>3</sup>	3 000 <sup>3</sup>	1 500	3 000	25 000 <sup>3</sup>	25 000
propylene glycol monomethyl ether	107-98-2	20 000 <sup>3,4</sup>	20 000 <sup>3,4</sup>	10 000 <sup>3,4</sup>	20 000 <sup>3,4</sup>	10 000 <sup>3,4</sup>	20 000 <sup>3,4</sup>	150 000 <sup>3,4</sup>	150 000
propylene oxide	75-56-9	60	60	30	60	30	60	150	150
propyzamide	23950-58-5	2 500	2 500	1 000	2 500	1 000	2 500	20 000	20 000
pyrene	129-00-0	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
pyridine	110-86-1	30	30	15	30	15	30	250	250
quinalphos	13593-03-8	15	15	8	15	8	15	100	100
quinoline	91-22-5	4.5	4.5	2.5	4.5	2.5	4.5	10	10
quizalofop-ethyl	76578-14-8	300	300	150	300	150	300	2 000	2 000
resmethrin	10453-86-8	900	900	450	900	450	900	7 000	7 000
ronnel	299-84-3	1 500	1 500	800	1 500	800	1 500	10 000	10 000
rotenone	83-79-4	100	100	60	100	60	100	950	950
selenious acid	7783-00-8	150	150	80	150	80	150	1 000	1 000
sethoxydim	74051-80-2	3 000	3 000	1 500	3 000	1 500	3 000	20 000	20 000

SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
silver	7440-22-4	400	400	200	400	200	400	1 500	35 000
silvex	93-72-1	250	250	150	250	150	250	2 000	2 000
simazine	122-34-9	100	100	60	100	60	100	250	250
strontium	7440-24-6	20 000	20 000	9 500	20 000	9 500	20 000	150 000 <sup>4</sup>	150 000
strychnine	57-24-9	9	9	4.5	9	4.5	9	70	70
styrene	100-42-5	15 000	15 000	8 500	15 000	8 500	15 000	50 000	> 1 000 mg/g
styrene-acrylonitrile [SAN] trimer (all isomers)	NA <sup>11</sup>	90	90	45	90	45	90	700	700
sulfotep	3689-24-5	15	15	8	15	8	15	100	100
sulfur, elemental	7704-34-9			2 000					
TCMTB	21564-17-0	900	900	450	900	450	900	7000	7000
tebuthiuron	34014-18-1	2 000	2 000	1 000	2 000	1 000	2 000	15 000	15 000
temephos	3383-96-8	650	650	300	650	300	650	4 500	4 500
terbacil	5902-51-2	400	400	200	400	200	400	3 000	3 000
terbufos	13071-79-9	0.8	0.8	0.4	0.8	0.4	0.8	6	6
terbutryn	886-50-0	30	30	15	30	15	30	250	250
tetrachlorobenzene, 1,2,3,4-	634-66-2	300	300	150	300	150	300	850	25 000
tetrachlorobenzene, 1,2,3,5-	634-90-2	40	40	20	40	20	40	150	3 500
tetrachlorobenzene, 1,2,4,5-	95-94-3	9	9	4.5	9	4.5	9	70	70
tetrachloroethane, 1,1,1,2-	630-20-6	550	550	250	550	250	550	1 500	1 500
tetrachloroethane, 1,1,2,2-	79-34-5	70	70	35	70	35	70	150	150
tetrachlorophenol, 2,3,4,5-	4901-51-3	250	250	100	250	100	250	750	20 000
tetrachlorophenol, 2,3,4,6-	58-90-2	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
tetrachlorophenol, 2,3,5,6	935-95-5	250	250	100	250	100	250	750	20 000
tetrachlorovinphos	961-11-5	600	600	300	600	300	600	1 500	1 500
tetraethyl lead	78-00-2	0.003	0.003	0.0015	0.003	0.0015	0.003	0.025	0.025
tetrahydrofuran	109-99-9	30 000	30 000	15 000	30 000	15 000	30 000	200 000	200 000
tetryl	479-45-8	65	65	30	65	30	65	450	450

## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
thallium	7440-28-0			2 <sup>12</sup>					
thifensulfuron-methyl	79277-27-3	400	400	200	400	200	400	3 000	3 000
thiobencarb	28249-77-6	300	300	150	300	150	300	2 500	2 500
thiocyanate	302-04-5	6.5	6.5	3	6.5	3	6.5	45	45
thiodiglycol	111-48-8	2 000	2 000	1 000	2 000	1 000	2 000	15 000	15 000
thiofanox	39196-18-4	9	9	4.5	9	4.5	9	70	70
thiophanate- methyl	23564-05-8	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
thiophenol	108-98-5	30	30	15	30	15	30	250	250
thiram	137-26-8	150	150	80	150	80	150	1 000	1 000
tin	7440-31-5	50 000	50 000	25 000	50 000	25 000	50 000	150 000	> 1 000 mg/g
toxaphene (all isomers)	8001-35-2	15	15	6.5	15	6.5	15	30	30
tralomethrin	66841-25-6	250	250	100	250	100	250	2 000	2 000
triadimefon	43121-43-3	900	900	450	900	450	900	7 000	7 000
triallate	2303-17-5	400	400	200	400	200	400	3 000	3 000
triasulfuron	82097-50-5	300	300	150	300	150	300	2 500	2 500
tribenuron-methyl	101200-48-0	250	250	150	250	150	250	2 000	2 000
tribromobenzene, 1,2,4-	615-54-3	150	150	80	150	80	150	1 000	1 000
tribufos	78-48-8	0.9	0.9	0.45	0.9	0.45	0.9	7	7
tributyl phosphate	126-73-8	300	300	150	300	150	300	2 500	2 500
tributyltin	36643-28-4	9	9	4.5	9	4.5	9	70	70
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	900 000 <sup>3</sup>	900 000 <sup>3</sup>	450 000 <sup>3</sup>	900 000 <sup>3</sup>	450 000	900 000	> 1 000 mg/g <sup>3</sup>	> 1 000 mg/g <sup>3</sup>
trichloroacetic acid	76-03-9	200	200	100	200	100	200	450	450
trichloroaniline, 2,4,6-	634-93-5	0.9	0.9	0.45	0.9	0.45	0.9	7	7
trichlorobenzene, 1,2,3-	87-61-6	100	100	60	100	60	100	400	10 000
trichlorobenzene, 1,2,4-	120-82-1	850	850	400	850	400	850	2 500	70 000
trichlorobenzene, 1,3,5-	108-70-3	650	650	350	650	350	650	2 000	55 000
trichloroethane, 1,1,1-	71-55-6	150 000	150 000	85 000	150 000	85 000	150 000	500 000	> 1 000 mg/g

**SCHEDULE 3.1 – PART 2**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
trichloroethane, 1,1,2-	79-00-5	350	350	150	350	150	350	1 000	30 000
trichlorofluoromethane	75-69-4	9 000 <sup>3</sup>	9 000 <sup>3</sup>	4 500 <sup>3</sup>	9 000 <sup>3</sup>	4 500	9 000	70 000 <sup>3,4</sup>	70 000
trichlorophenol, 2,3,4-	15950-66-0	85 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	250 <sup>17</sup>	7 000 <sup>17</sup>
trichlorophenol, 2,3,5-	933-78-8	85 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	250 <sup>17</sup>	7 000 <sup>17</sup>
trichlorophenol, 2,3,6-	933-75-5	85 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	250 <sup>17</sup>	7 000 <sup>17</sup>
trichlorophenol, 2,4,5-	95-95-4	8 500	8 500	4 000	8 500	4 000	8 500	25 000	700 000
trichlorophenol, 2,4,6-	88-06-2	85	85	40	85	40	85	250	7 000
trichlorophenol, 3,4,5-	609-19-8	85 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	40 <sup>17</sup>	85 <sup>17</sup>	250 <sup>17</sup>	7 000 <sup>17</sup>
trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T]	93-76-5	300	300	150	300	150	300	2 500	2 500
trichloropropane, 1,1,2-	598-77-6	150	150	80	150	80	150	1 000	1 000
trichloropropane, 1,2,3-	96-18-4	0.1	0.1	0.05	0.1	0.05	0.1	1	1
trichloropropene, 1,2,3-	96-19-5	90	90	45	90	45	90	700	700
tr cresyl phosphate [TCP]	1330-78-5	650	650	300	650	300	650	4 500	4 500
tridiphenyl ether	58138-08-2	90	90	45	90	45	90	700	700
triethylene glycol	112-27-6	65 000 <sup>4</sup>	65 000 <sup>4</sup>	30 000 <sup>4</sup>	65 000 <sup>4</sup>	30 000	65 000	450 000 <sup>4</sup>	450 000
trifluralin	1582-09-8	250	250	100	250	100	250	2 000	2 000
trimethyl phosphate	512-56-1	300	300	150	300	150	300	1 500	1 500
trimethylbenzene, 1,3,5-	108-67-8	300 <sup>3</sup>	300 <sup>3</sup>	150 <sup>3</sup>	300 <sup>3</sup>	150	300	2 500 <sup>3</sup>	2 500
trinitrobenzene, 1,3,5-	99-35-4	900	900	450	900	450	900	7 000	7 000
trinitrotoluene, 2,4,6-	118-96-7	15	15	8	15	8	15	100	100
tris(1,3-dichloro-2-propyl) phosphate [TDCPP]	13674-87-8	650	650	300	650	300	650	4 500	4 500
tris(1-chloro-2-propyl)phosphate [TCPP]	13674-84-5	300	300	150	300	150	300	2 500	2 500
tris(2,3-dibromopropyl) phosphate	126-72-7	6	6	3	6	3	6	15	15

## SCHEDULE 3.1 – PART 2

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT HUMAN HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural (WL <sub>N</sub> )	Wildlands Reverted (WL <sub>R</sub> )	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL <sub>LD</sub> )	Residential High Density (RL <sub>HD</sub> )	Commercial (CL)	Industrial (IL)
tris(2-chloroethyl)phosphate [TCEP]	115-96-8	200	200	100	200	100	200	1 500	1 500
tris(2-ethylhexyl)phosphate	78-42-2	3 000	3 000	1 500	3 000	1 500	3 000	10 000	10 000
tungsten	7440-33-7	25	25	15	25	15	25	200	200
vernolate	1929-77-7	30	30	15	30	15	30	250	250
vinclozolin	50471-44-8	800	800	400	800	400	800	6 000	6 000
vinyl acetate	108-05-4	30 000	30 000	15 000	30 000	15 000	30 000	250 000 <sup>3</sup>	250 000
vinyl chloride	75-01-4	2	2	0.95	2	0.95	2	45	45
VPHs <sup>18</sup>	NA <sup>10</sup>	200 <sup>11</sup>	200 <sup>11</sup>	200 <sup>12</sup>	200 <sup>12</sup>	200 <sup>13</sup>	200 <sup>13</sup>	200 <sup>12</sup>	200 <sup>12</sup>
warfarin	81-81-2	9	9	4.5	9	4.5	9	70	70
zineb	12122-67-7	1 500	1 500	800	1 500	800	1500	10 000	10 000

**Notes**

- <sup>1</sup> All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time, a director's protocol or alternate methods acceptable to a director.
- <sup>2</sup> Standards are based on the 2015 United States (US) Environmental Protection Agency (EPA) "Regional Screening Levels" for soil ingestion. The EPA Regional Screening Levels for non-carcinogenic substances are adjusted to reflect the 1996 "Overview of CSST Procedures for the Derivation of Soil Quality Matrix Standards for Contaminated Sites" Soil Allocation Factor (SAF = 0.2) and for carcinogenic substances, a human lifetime cancer risk of less than or equal to one in 100 000, in accordance with section 18 (3) of this regulation, unless otherwise noted. The high density residential land use standards of this schedule assume the prohibition of the use of the land (a) to grow plants for human consumption, and (b) as a children's playground, sports field, picnic area or any other use that promotes frequent contact by children. Consult a director for further advice.
- <sup>3</sup> Standard is based on the US EPA Regional Ingestion Screening Level saturation limit for the substance in soil.
- <sup>4</sup> Standard is based on the US EPA Regional Ingestion Screening Level ceiling limit for the substance in soil.
- <sup>5</sup> Standard is derived in accordance with Protocol 28 "2016 Standards Derivation Methods".
- <sup>6</sup> Standard is not derived based on the toxicology of the substance. Standard is based on the Hazardous Waste Regulation, B.C. Reg. 63/88, definition for waste asbestos. Note that 1% by weight is equivalent to 10 000 µg/g.
- <sup>7</sup> Standard represents a "Benzo(a)Pyrene Toxicity Equivalent Quotient (BaP TEQ)". Standard is set equal to the corresponding land use, Human Health Protection – Intake of contaminated soil, matrix soil standard for benzo(a)pyrene divided by the 1998 World Health Organization "Benzo(a)Pyrene Toxicity Equivalent Factor (BaP TEF)" for the substance. Consult a director for further advice.
- <sup>8</sup> Standard is derived using either the respective 2001 Rijks Instituut voor Volksgezondheid en Milieu (RIVM) Tolerable Daily Intake (TDI) for monochlorophenols (total) or dichlorophenols (total). The sum of the concentrations in soil, of monochlorophenol or dichlorophenol (all isomers) substances prescribed in this schedule must not exceed the standard. Consult a director for further advice.

- <sup>9</sup> HEPHs - Heavy Extractable Petroleum Hydrocarbons in soil, as defined in 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- <sup>10</sup> NA – not applicable. No CAS number exists for the substance.
- <sup>11</sup> Standard is set equal to the Urban Park (PL) land use soil standard for the substance in Schedule 4 of this regulation, as it was before the repeal of that schedule.
- <sup>12</sup> Standard is set equal to the corresponding land use soil standard for the substance in Schedule 4 of this regulation, as it was before the repeal of that schedule.
- <sup>13</sup> Standard has been set to equal the Residential (RL) land use soil standard for the substance in Schedule 4 of this regulation, as it was before the repeal of that schedule.
- <sup>14</sup> LEPHs - Light Extractable Petroleum Hydrocarbons in soil, as defined in 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- <sup>15</sup> Soil must be remediated so that nonaqueous phase liquids are not present in quantities in excess of that acceptable to a director.
- <sup>16</sup> Soil must be remediated so that odorous substances are not present in quantities in excess of that acceptable to a director.
- <sup>17</sup> Standard has been set equal to the standard for 2,4,6-trichlorophenol.
- <sup>18</sup> VPHs - Volatile Petroleum Hydrocarbons in soil, as defined in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.

## SCHEDULE 3.1 – PART 3

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
acenaphthene	83-32-9	NS	NS	NS	NS	NS	NS	NS	NS
acephate	30560-19-1	NS	NS	NS	NS	NS	NS	NS	NS
acetic acid, 2-methyl-4-chlorophenoxy- [MCPA]	94-74-6	NS	NS	NS	NS	NS	NS	NS	NS
acetochlor	34256-82-1	NS	NS	NS	NS	NS	NS	NS	NS
acetone	67-64-1	NS	NS	NS	NS	NS	NS	NS	NS
acetophenone	98-86-2	NS	NS	NS	NS	NS	NS	NS	NS
acrolein	107-02-8	NS	NS	NS	NS	NS	NS	NS	NS
acrylamide	79-06-1	NS	NS	NS	NS	NS	NS	NS	NS
acrylic acid	79-10-7	NS	NS	NS	NS	NS	NS	NS	NS
acrylonitrile	107-13-1	NS	NS	NS	NS	NS	NS	NS	NS
adipic acid	124-04-9	NS	NS	NS	NS	NS	NS	NS	NS
alachlor	15972-60-8	NS	NS	NS	NS	NS	NS	NS	NS
aldicarb	116-06-3	NS	NS	NS	NS	NS	NS	NS	NS
aldicarb sulfone	1646-88-4	NS	NS	NS	NS	NS	NS	NS	NS
aldrin	309-00-2	NS	NS	NS	NS	NS	NS	NS	NS
allyl alcohol	107-18-6	NS	NS	NS	NS	NS	NS	NS	NS
allyl chloride	107-05-1	NS	NS	NS	NS	NS	NS	NS	NS
aluminum	7429-90-5	NS	NS	NS	NS	NS	NS	NS	NS
ametryn	834-12-8	NS	NS	NS	NS	NS	NS	NS	NS
aminobiphenyl, 4-	92-67-1	NS	NS	NS	NS	NS	NS	NS	NS
aminophenol, 3-	591-27-5	NS	NS	NS	NS	NS	NS	NS	NS
aminophenol, 4-	123-30-8	NS	NS	NS	NS	NS	NS	NS	NS
amitraz	33089-61-1	NS	NS	NS	NS	NS	NS	NS	NS
aniline	62-53-3	NS	NS	NS	NS	NS	NS	NS	NS
anthraquinone, 9,10-	84-65-1	NS	NS	NS	NS	NS	NS	NS	NS
antimony	7440-36-0	15	20	20	20	20	40	40	40
aramite	140-57-8	NS	NS	NS	NS	NS	NS	NS	NS
asbestos	1332-21-4	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
asulam	3337-71-1	NS	NS	NS	NS	NS	NS	NS	NS
atrazine	1912-24-9	NS	NS	NS	NS	NS	NS	NS	NS
auramine	492-80-8	NS	NS	NS	NS	NS	NS	NS	NS
avermectin B1 (a + b)	71751-41-2	NS	NS	NS	NS	NS	NS	NS	NS
azinphos-methyl	86-50-0	NS	NS	NS	NS	NS	NS	NS	NS
azobenzene	103-33-3	NS	NS	NS	NS	NS	NS	NS	NS
azodicarbonamide	123-77-3	NS	NS	NS	NS	NS	NS	NS	NS
benfluralin	1861-40-1	NS	NS	NS	NS	NS	NS	NS	NS
benomyl	17804-35-2	NS	NS	NS	NS	NS	NS	NS	NS
bensulfuron-methyl	83055-99-6	NS	NS	NS	NS	NS	NS	NS	NS
bentazon	25057-89-0	NS	NS	NS	NS	NS	NS	NS	NS
benz(a)anthracene	56-55-3	0.65	1	0.1	1	1	10	10	10
benzidine	92-87-5	NS	NS	NS	NS	NS	NS	NS	NS
benzo(b+j)fluoranthenes	205-99-2 & 205-82-3	0.65	1	0.1	1	1	10	10	10
benzo(k)fluoranthene	207-08-9	0.65	1	0.1	1	1	10	10	10
benzoic acid	65-85-0	NS	NS	NS	NS	NS	NS	NS	NS
benzotrichloride	98-07-7	NS	NS	NS	NS	NS	NS	NS	NS
benzyl alcohol	100-51-6	NS	NS	NS	NS	NS	NS	NS	NS
benzyl chloride	100-44-7	NS	NS	NS	NS	NS	NS	NS	NS
bifenox	42576-02-3	NS	NS	NS	NS	NS	NS	NS	NS
bifenthrin	82657-04-3	NS	NS	NS	NS	NS	NS	NS	NS
biphenyl, 1,1'-	92-52-4	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-chloroethyl) ether	111-44-4	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-chloro-1-methylethyl) ether	108-60-1	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-ethylhexyl) adipate	103-23-1	NS	NS	NS	NS	NS	NS	NS	NS
bis(2-ethylhexyl) phthalate [DEHP]	117-81-7			30					



**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL-N)	Wildlands Reverted <sup>3</sup> (WL-R)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL-LD)	Residential High Density <sup>6</sup> (RL-HD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
bisphenol A	80-05-7	NS	NS	NS	NS	NS	NS	NS	NS
boron	7440-42-8	NS	NS	NS	NS	NS	NS	NS	NS
boron (hot water soluble)	NA <sup>7</sup>			2					
bromate	15541-45-4	NS	NS	NS	NS	NS	NS	NS	NS
bromo-2-chloroethane, 1-	107-04-0	NS	NS	NS	NS	NS	NS	NS	NS
bromobenzene	108-86-1	NS	NS	NS	NS	NS	NS	NS	NS
bromodichloromethane	75-27-4	NS	NS	NS	NS	NS	NS	NS	NS
bromoform	75-25-2	NS	NS	NS	NS	NS	NS	NS	NS
bromomethane	74-83-9	NS	NS	NS	NS	NS	NS	NS	NS
bromophos	2104-96-3	NS	NS	NS	NS	NS	NS	NS	NS
bromoxynil	1689-84-5	NS	NS	NS	NS	NS	NS	NS	NS
butadiene, 1,3-	106-99-0	NS	NS	NS	NS	NS	NS	NS	NS
butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB]	94-81-5	NS	NS	NS	NS	NS	NS	NS	NS
butanol, 2-	78-92-2	NS	NS	NS	NS	NS	NS	NS	NS
butanol, n-	71-36-3	NS	NS	NS	NS	NS	NS	NS	NS
butoxy ethanol, 2-	111-76-2	NS	NS	NS	NS	NS	NS	NS	NS
butyl benzyl phthalate	85-68-7	NS	NS	NS	NS	NS	NS	NS	NS
butyl phthalyl butyl glycolate	85-70-1	NS	NS	NS	NS	NS	NS	NS	NS
butylate	2008-41-5	NS	NS	NS	NS	NS	NS	NS	NS
butylated hydroxytoluene [BHT]	128-37-0	NS	NS	NS	NS	NS	NS	NS	NS
butylbenzene, n-	104-51-8	NS	NS	NS	NS	NS	NS	NS	NS
butylbenzene, sec-	135-98-8	NS	NS	NS	NS	NS	NS	NS	NS
butylbenzene, tert-	98-06-6	NS	NS	NS	NS	NS	NS	NS	NS
cacodylic acid	75-60-5	NS	NS	NS	NS	NS	NS	NS	NS
caprolactam	105-60-2	NS	NS	NS	NS	NS	NS	NS	NS
captafol	2425-06-1	NS	NS	NS	NS	NS	NS	NS	NS
captan	133-06-2	NS	NS	NS	NS	NS	NS	NS	NS
carbaryl	63-25-2	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
carbofuran	1563-66-2	NS	NS	NS	NS	NS	NS	NS	NS
carbon disulfide	75-15-0	NS	NS	NS	NS	NS	NS	NS	NS
carbon tetrachloride	56-23-5	3	5	0.1	5	5	50	50	50
carbosulfan	55285-14-8	NS	NS	NS	NS	NS	NS	NS	NS
carboxin	5234-68-4	NS	NS	NS	NS	NS	NS	NS	NS
chloramben	133-90-4	NS	NS	NS	NS	NS	NS	NS	NS
chloranil	118-75-2	NS	NS	NS	NS	NS	NS	NS	NS
chlordane (cis + trans)	5103-71-9 & 5103-74-2	NS	NS	NS	NS	NS	NS	NS	NS
chlordecone	143-50-0	NS	NS	NS	NS	NS	NS	NS	NS
chlorfenvinphos	470-90-6	NS	NS	NS	NS	NS	NS	NS	NS
chlorimuron, ethyl	90982-32-4	NS	NS	NS	NS	NS	NS	NS	NS
chloro-2-methylaniline, 4-	95-69-2	NS	NS	NS	NS	NS	NS	NS	NS
chloroacetaldehyde, 2-	107-20-0	NS	NS	NS	NS	NS	NS	NS	NS
chloroaniline, p-	106-47-8	NS	NS	NS	NS	NS	NS	NS	NS
chlorobenzene	108-90-7	0.65	1	0.1	1	1	10	10	10
chlorobenzilate	510-15-6	NS	NS	NS	NS	NS	NS	NS	NS
chlorobenzoic acid, 4-	74-11-3	NS	NS	NS	NS	NS	NS	NS	NS
chlorobenzotrichloride, 4-	5216-25-1	NS	NS	NS	NS	NS	NS	NS	NS
chlorobenzotrifluoride, 4-	98-56-6	NS	NS	NS	NS	NS	NS	NS	NS
chlorobutane, 1-	109-69-3	NS	NS	NS	NS	NS	NS	NS	NS
chloroethanol, 2-	107-07-3	NS	NS	NS	NS	NS	NS	NS	NS
chloroform	67-66-3	3	5	0.1	5	5	50	50	50
chloronaphthalene, 2-	91-58-7	NS	NS	NS	NS	NS	NS	NS	NS
chloronitrobenzene, 2-	88-73-3	NS	NS	NS	NS	NS	NS	NS	NS
chloronitrobenzene, 4-	100-00-5	NS	NS	NS	NS	NS	NS	NS	NS
chlorophenol, 2-	95-57-8	0.3	0.5	0.05	0.5	0.5	5	5	5
chlorophenol, 3-	108-43-0	0.3	0.5	0.05	0.5	0.5	5	5	5
chlorophenol, 4-	106-48-9	0.3	0.5	0.05	0.5	0.5	5	5	5

## SCHEDULE 3.1 – PART 3

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
chloroprene	126-99-8	NS	NS	NS	NS	NS	NS	NS	NS
chlorothalonil	1897-45-6	NS	NS	NS	NS	NS	NS	NS	NS
chlorotoluene, 2-	95-49-8	NS	NS	NS	NS	NS	NS	NS	NS
chlorotoluene, 4-	106-43-4	NS	NS	NS	NS	NS	NS	NS	NS
chlorpropham	101-21-3	NS	NS	NS	NS	NS	NS	NS	NS
chlorpyrifos	2921-88-2	NS	NS	NS	NS	NS	NS	NS	NS
chlorpyrifos-methyl	5598-13-0	NS	NS	NS	NS	NS	NS	NS	NS
chlorsulfuron	64902-72-3	NS	NS	NS	NS	NS	NS	NS	NS
chlorthal-dimethyl	1861-32-1	NS	NS	NS	NS	NS	NS	NS	NS
chlorthiophos	60238-56-4	NS	NS	NS	NS	NS	NS	NS	NS
chrysene	218-01-9	NS	NS	NS	NS	NS	NS	NS	NS
clofentezine	74115-24-5	NS	NS	NS	NS	NS	NS	NS	NS
crotonaldehyde, trans-	123-73-9	NS	NS	NS	NS	NS	NS	NS	NS
cyanazine	21725-46-2	NS	NS	NS	NS	NS	NS	NS	NS
cyanogen	460-19-5	NS	NS	NS	NS	NS	NS	NS	NS
cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	NS	NS	NS	NS	NS	NS	NS	NS
cyclohexanone	108-94-1	NS	NS	NS	NS	NS	NS	NS	NS
cyclohexene	110-83-8	NS	NS	NS	NS	NS	NS	NS	NS
cyclohexylamine	108-91-8	NS	NS	NS	NS	NS	NS	NS	NS
cyfluthrin	68359-37-5	NS	NS	NS	NS	NS	NS	NS	NS
cyhalothrin	68085-85-8	NS	NS	NS	NS	NS	NS	NS	NS
cypermethrin	52315-07-8	NS	NS	NS	NS	NS	NS	NS	NS
cyromazine	66215-27-8	NS	NS	NS	NS	NS	NS	NS	NS
dalapon	75-99-0	NS	NS	NS	NS	NS	NS	NS	NS
daminozide	1596-84-5	NS	NS	NS	NS	NS	NS	NS	NS
demeton	8065-48-3	NS	NS	NS	NS	NS	NS	NS	NS
diallate	2303-16-4	NS	NS	NS	NS	NS	NS	NS	NS

SCHEDULE 3.1 – PART 3  
GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RLD)	Residential High Density <sup>6</sup> (RLHD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
diaminotoluene, 2,5-	95-70-5	NS	NS	NS	NS	NS	NS	NS	NS
diazinon	333-41-5	NS	NS	NS	NS	NS	NS	NS	NS
dibenz(a,h)anthracene	53-70-3	0.65	1	0.1	1	1	10	10	10
dibenzo(a,e)pyrene	192-65-4	NS	NS	NS	NS	NS	NS	NS	NS
dibenzofuran	132-64-9	NS	NS	NS	NS	NS	NS	NS	NS
dibenzothiophene	132-65-0	NS	NS	NS	NS	NS	NS	NS	NS
dibromo-3-chloropropane, 1,2-	96-12-8	NS	NS	NS	NS	NS	NS	NS	NS
dibromobenzene, 1,3-	108-36-1	NS	NS	NS	NS	NS	NS	NS	NS
dibromobenzene, 1,4-	106-37-6	NS	NS	NS	NS	NS	NS	NS	NS
dibromochloromethane [DBCM]	124-48-1	NS	NS	NS	NS	NS	NS	NS	NS
dibromoethane, 1,2-	106-93-4	NS	NS	NS	NS	NS	NS	NS	NS
dibutyl phthalate [DBP]	84-74-2			30					
dibutyltin	14488-53-0	NS	NS	NS	NS	NS	NS	NS	NS
dicamba	1918-00-9	NS	NS	NS	NS	NS	NS	NS	NS
dichloroacetic acid	79-43-6	NS	NS	NS	NS	NS	NS	NS	NS
dichlorobenzene, 1,2-	95-50-1	0.65	1	0.1	1	1	10	10	10
dichlorobenzene, 1,3-	541-73-1	0.65	1	0.1	1	1	10	10	10
dichlorobenzene, 1,4-	106-46-7	0.65	1	0.1	1	1	10	10	10
dichlorobenzidine, 3,3'-	91-94-1	NS	NS	NS	NS	NS	NS	NS	NS
dichlorodifluoromethane	75-71-8	NS	NS	NS	NS	NS	NS	NS	NS
dichlorodiphenyl sulfone, 4,4'-	80-07-9	NS	NS	NS	NS	NS	NS	NS	NS
dichloroethane, 1,1-	75-34-3	3	5	0.1	5	5	50	50	50
dichloroethane, 1,2-	107-06-2	3	5	0.1	5	5	50	50	50
dichloroethylene, 1,1-	75-35-4	3	5	0.1	5	5	50	50	50
dichloroethylene, 1,2-cis-	156-59-2	3	5	0.1	5	5	50	50	50
dichloroethylene, 1,2-trans-	156-60-5	3	5	0.1	5	5	50	50	50
dichloromethane	75-09-2	3	5	0.1	5	5	50	50	50
dichlorophenol, 2,3-	576-24-9	0.3	0.5	0.05	0.5	0.5	5	5	5

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
dichlorophenol, 2,4-	120-83-2	0.3	0.5	0.05	0.5	0.5	5	5	5
dichlorophenol, 2,5-	583-78-8	0.3	0.5	0.05	0.5	0.5	5	5	5
dichlorophenol, 2,6-	87-65-0	0.3	0.5	0.05	0.5	0.5	5	5	5
dichlorophenol, 3,4-	95-77-2	0.3	0.5	0.05	0.5	0.5	5	5	5
dichlorophenol, 3,5-	591-35-5	0.3	0.5	0.05	0.5	0.5	5	5	5
dichlorophenoxy acetic acid, 2,4-[2,4-D]	94-75-7	NS	NS	NS	NS	NS	NS	NS	NS
dichlorophenoxy butyric acid, 2,4-[2,4-DB]	94-82-6	NS	NS	NS	NS	NS	NS	NS	NS
dichloropropane, 1,2-	78-87-5	3	5	0.1	5	5	50	50	50
dichloropropane, 1,3-	142-28-9	NS	NS	NS	NS	NS	NS	NS	NS
dichloropropanol, 2,3-	616-23-9	NS	NS	NS	NS	NS	NS	NS	NS
dichloropropene, 1,3-(cis + trans)	542-75-6	3	5	0.1	5	5	50	50	50
dichlorvos	62-73-7	NS	NS	NS	NS	NS	NS	NS	NS
dicrotophos	141-66-2	NS	NS	NS	NS	NS	NS	NS	NS
dicyclopentadiene	77-73-6	NS	NS	NS	NS	NS	NS	NS	NS
dieldrin	60-57-1	NS	NS	NS	NS	NS	NS	NS	NS
diethanolamine	111-42-2	NS	NS	NS	NS	NS	NS	NS	NS
diethyl ether	60-29-7	NS	NS	NS	NS	NS	NS	NS	NS
diethyl phthalate	84-66-2	NS	NS	NS	NS	NS	NS	NS	NS
diethyldithiocarbamate	392-74-5	NS	NS	NS	NS	NS	NS	NS	NS
diethylene glycol monobutyl ether	112-34-5	NS	NS	NS	NS	NS	NS	NS	NS
diethylene glycol monoethyl ether	111-90-0	NS	NS	NS	NS	NS	NS	NS	NS
diethylformamide	617-84-5	NS	NS	NS	NS	NS	NS	NS	NS
diflubenzuron	35367-38-5	NS	NS	NS	NS	NS	NS	NS	NS
diisobutylene	25167-70-8	NS	NS	NS	NS	NS	NS	NS	NS
dimethipin	55290-64-7	NS	NS	NS	NS	NS	NS	NS	NS
dimethoate	60-51-5	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RLLD)	Residential High Density <sup>6</sup> (RLHD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
dimethoxybenzidine, 3,3'-	119-90-4	NS	NS	NS	NS	NS	NS	NS	NS
dimethyl methylphosphonate	756-79-6	NS	NS	NS	NS	NS	NS	NS	NS
dimethylamino azobenzene, 4-[DAB]	60-11-7	NS	NS	NS	NS	NS	NS	NS	NS
dimethylaniline, 2,4-	95-68-1	NS	NS	NS	NS	NS	NS	NS	NS
dimethylaniline, N,N- [DMA]	121-69-7	NS	NS	NS	NS	NS	NS	NS	NS
dimethylbenz(a)anthracene, 7,12-	57-97-6	NS	NS	NS	NS	NS	NS	NS	NS
dimethylbenzidine, 3,3'-	119-93-7	NS	NS	NS	NS	NS	NS	NS	NS
dimethylformamide	68-12-2	NS	NS	NS	NS	NS	NS	NS	NS
dimethylhydrazine, 1,1-	57-14-7	NS	NS	NS	NS	NS	NS	NS	NS
dimethylphenol, 2,4-	105-67-9	0.65	1	0.1	1	1	10	10	10
dimethylphenol, 2,6-	576-26-1	NS	NS	NS	NS	NS	NS	NS	NS
dimethylphenol, 3,4-	95-65-8	NS	NS	NS	NS	NS	NS	NS	NS
dimethylterephthalate	120-61-6	NS	NS	NS	NS	NS	NS	NS	NS
dinitrobenzene, 1,2-	528-29-0	NS	NS	NS	NS	NS	NS	NS	NS
dinitrobenzene, 1,3-	99-65-0	NS	NS	NS	NS	NS	NS	NS	NS
dinitrobenzene, 1,4-	100-25-4	NS	NS	NS	NS	NS	NS	NS	NS
dinitro-o-cyclohexyl phenol, 4,6-	131-89-5	NS	NS	NS	NS	NS	NS	NS	NS
dinitrophenol, 2,4-	51-28-5	0.65	1	0.1	1	1	10	10	10
dinitrotoluene, 2,4-	121-14-2	NS	NS	NS	NS	NS	NS	NS	NS
dinitrotoluene, 2,6-	606-20-2	NS	NS	NS	NS	NS	NS	NS	NS
dinitrotoluene, 2-amino-4,6-	35572-78-2	NS	NS	NS	NS	NS	NS	NS	NS
dinitrotoluene, 4-amino-2,6-	19406-51-0	NS	NS	NS	NS	NS	NS	NS	NS
dinoseb	88-85-7	NS	NS	NS	NS	NS	NS	NS	NS
dioxane, 1,4-	123-91-1	NS	NS	NS	NS	NS	NS	NS	NS
diphenamid	957-51-7	NS	NS	NS	NS	NS	NS	NS	NS
diphenyl sulfone	127-63-9	NS	NS	NS	NS	NS	NS	NS	NS
diphenyl-1,4-benzenediamine, N,N'-	74-31-7	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
diphenylamine	122-39-4	NS	NS	NS	NS	NS	NS	NS	NS
diquat (as dibromide)	85-00-7	NS	NS	NS	NS	NS	NS	NS	NS
Direct Black 38	1937-37-7	NS	NS	NS	NS	NS	NS	NS	NS
Direct Blue 6	2602-46-2	NS	NS	NS	NS	NS	NS	NS	NS
Direct Brown 95	16071-86-6	NS	NS	NS	NS	NS	NS	NS	NS
disulfoton	298-04-4	NS	NS	NS	NS	NS	NS	NS	NS
diuron	330-54-1	NS	NS	NS	NS	NS	NS	NS	NS
dodine	2439-10-3	NS	NS	NS	NS	NS	NS	NS	NS
endosulfan I + II	115-29-7	NS	NS	NS	NS	NS	NS	NS	NS
endothall	145-73-3	NS	NS	NS	NS	NS	NS	NS	NS
endrin	72-20-8	NS	NS	NS	NS	NS	NS	NS	NS
EPTC	759-94-4	NS	NS	NS	NS	NS	NS	NS	NS
ethanol, 2-(2-methoxyethoxy)-	111-77-3	NS	NS	NS	NS	NS	NS	NS	NS
ethephon	16672-87-0	NS	NS	NS	NS	NS	NS	NS	NS
ethion	563-12-2	NS	NS	NS	NS	NS	NS	NS	NS
ethoxyethanol acetate, 2-	111-15-9	NS	NS	NS	NS	NS	NS	NS	NS
ethoxyethanol, 2-	110-80-5	NS	NS	NS	NS	NS	NS	NS	NS
ethyl acetate	141-78-6	NS	NS	NS	NS	NS	NS	NS	NS
ethyl acrylate	140-88-5	NS	NS	NS	NS	NS	NS	NS	NS
ethylene cyanohydrin	109-78-4	NS	NS	NS	NS	NS	NS	NS	NS
ethylenediamine	107-15-3	NS	NS	NS	NS	NS	NS	NS	NS
ethylene thiourea	96-45-7	NS	NS	NS	NS	NS	NS	NS	NS
ethyleneimine	151-56-4	NS	NS	NS	NS	NS	NS	NS	NS
ethyl p-nitrophenyl benzenethionophosphonate [EPN]	2104-64-5	NS	NS	NS	NS	NS	NS	NS	NS
fenamiphos	22224-92-6	NS	NS	NS	NS	NS	NS	NS	NS
fenpropathrin	39515-41-8	NS	NS	NS	NS	NS	NS	NS	NS
fenvalerate	51630-58-1	NS	NS	NS	NS	NS	NS	NS	NS
fluometuron	2164-17-2	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RLD)	Residential High Density <sup>6</sup> (RLHD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
fluorene	86-73-7	NS	NS	NS	NS	NS	NS	NS	NS
fluoride	16984-48-8	250	400	200	400	400	2 000	2 000	2 000
fluridone	59756-60-4	NS	NS	NS	NS	NS	NS	NS	NS
flurprimidol	56425-91-3	NS	NS	NS	NS	NS	NS	NS	NS
flusilazole	85509-19-9	NS	NS	NS	NS	NS	NS	NS	NS
flutolanil	66332-96-5	NS	NS	NS	NS	NS	NS	NS	NS
fluvalinate	69409-94-5	NS	NS	NS	NS	NS	NS	NS	NS
folpet	133-07-3	NS	NS	NS	NS	NS	NS	NS	NS
fomesafen	72178-02-0	NS	NS	NS	NS	NS	NS	NS	NS
fonofos	944-22-9	NS	NS	NS	NS	NS	NS	NS	NS
formaldehyde	50-00-0	NS	NS	NS	NS	NS	NS	NS	NS
formic acid	64-18-6	NS	NS	NS	NS	NS	NS	NS	NS
fosetyl	15845-66-6	NS	NS	NS	NS	NS	NS	NS	NS
furan	110-00-9	NS	NS	NS	NS	NS	NS	NS	NS
furazolidone	67-45-8	NS	NS	NS	NS	NS	NS	NS	NS
furfural	98-01-1	NS	NS	NS	NS	NS	NS	NS	NS
furmecyclox	60568-05-0	NS	NS	NS	NS	NS	NS	NS	NS
furothiazole	531-82-8	NS	NS	NS	NS	NS	NS	NS	NS
glufosinate	53369-07-6	NS	NS	NS	NS	NS	NS	NS	NS
glycidaldehyde	765-34-4	NS	NS	NS	NS	NS	NS	NS	NS
glyphosate	1071-83-6	NS	NS	NS	NS	NS	NS	NS	NS
guanidine	113-00-8	NS	NS	NS	NS	NS	NS	NS	NS
haloxyfop, methyl	69806-40-2	NS	NS	NS	NS	NS	NS	NS	NS
HEPHs <sup>8</sup>	NA <sup>7</sup>	650	1 000	1 000	1 000	1 000	5 000	5 000	5 000
heptachlor	76-44-8	NS	NS	NS	NS	NS	NS	NS	NS
heptachlor epoxide	1024-57-3	NS	NS	NS	NS	NS	NS	NS	NS
hexabromobenzene	87-82-1	NS	NS	NS	NS	NS	NS	NS	NS
hexabromobiphenyl, 2,2',4,4',5,5'-	59536-65-1	NS	NS	NS	NS	NS	NS	NS	NS



## SCHEDULE 3.1 – PART 3

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
hexachlorobenzene	118-74-1	1.5	2	0.05	2	2	10	10	10
hexachlorobutadiene	87-68-3	NS	NS	NS	NS	NS	NS	NS	NS
hexachlorocyclohexane, alpha	319-84-6	NS	NS	NS	NS	NS	NS	NS	NS
hexachlorocyclohexane, beta	319-85-7	NS	NS	NS	NS	NS	NS	NS	NS
hexachlorocyclohexane, gamma	58-89-9			0.01					
hexachlorocyclopentadiene	77-47-4	NS	NS	NS	NS	NS	NS	NS	NS
hexachloroethane	67-72-1	NS	NS	NS	NS	NS	NS	NS	NS
hexachlorophene	70-30-4	NS	NS	NS	NS	NS	NS	NS	NS
hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX]	121-82-4	NS	NS	NS	NS	NS	NS	NS	NS
hexamethylphosphoramide	680-31-9	NS	NS	NS	NS	NS	NS	NS	NS
hexanone, 2-	591-78-6	NS	NS	NS	NS	NS	NS	NS	NS
hexazinone	51235-04-2	NS	NS	NS	NS	NS	NS	NS	NS
hexythiazox	78587-05-0	NS	NS	NS	NS	NS	NS	NS	NS
hydramethylnon	67485-29-4	NS	NS	NS	NS	NS	NS	NS	NS
hydrazine	302-01-2	NS	NS	NS	NS	NS	NS	NS	NS
hydroquinone	123-31-9	NS	NS	NS	NS	NS	NS	NS	NS
imazalil	35554-44-0	NS	NS	NS	NS	NS	NS	NS	NS
imazaquin	81335-37-7	NS	NS	NS	NS	NS	NS	NS	NS
imazethapyr	81335-77-5	NS	NS	NS	NS	NS	NS	NS	NS
indeno(1,2,3-cd)pyrene	193-39-5	0.65	1	0.1	1	1	10	10	10
iprodione	36734-19-7	NS	NS	NS	NS	NS	NS	NS	NS
isobutanol	78-83-1	NS	NS	NS	NS	NS	NS	NS	NS
isophorone	78-59-1	NS	NS	NS	NS	NS	NS	NS	NS
isopropalin	33820-53-0	NS	NS	NS	NS	NS	NS	NS	NS
isopropanol	67-63-0	NS	NS	NS	NS	NS	NS	NS	NS
isopropylbenzene	98-82-8	NS	NS	NS	NS	NS	NS	NS	NS
isoxaben	82558-50-7	NS	NS	NS	NS	NS	NS	NS	NS
lactofen	77501-63-4	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RLD)	Residential High Density <sup>6</sup> (RLHD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
LEPHs <sup>9</sup>	NA <sup>7</sup>	650	1 000	1 000	1 000	1 000	2 000	2 000	2 000
linuron	330-55-2	NS	NS	NS	NS	NS	NS	NS	NS
lithium	7439-93-2	NS	NS	NS	NS	NS	NS	NS	NS
malathion	121-75-5	NS	NS	NS	NS	NS	NS	NS	NS
malononitrile	109-77-3	NS	NS	NS	NS	NS	NS	NS	NS
mancozeb	8018-01-7	NS	NS	NS	NS	NS	NS	NS	NS
maneb	12427-38-2	NS	NS	NS	NS	NS	NS	NS	NS
mecoprop [MCPP]	93-65-2	NS	NS	NS	NS	NS	NS	NS	NS
merphos	150-50-5	NS	NS	NS	NS	NS	NS	NS	NS
metalaxyl	57837-19-1	NS	NS	NS	NS	NS	NS	NS	NS
methacrylonitrile	126-98-7	NS	NS	NS	NS	NS	NS	NS	NS
methamidophos	10265-92-6	NS	NS	NS	NS	NS	NS	NS	NS
methidathion	950-37-8	NS	NS	NS	NS	NS	NS	NS	NS
methomyl	16752-77-5	NS	NS	NS	NS	NS	NS	NS	NS
methoxy-5-nitroaniline, 2-	99-59-2	NS	NS	NS	NS	NS	NS	NS	NS
methoxychlor	72-43-5	NS	NS	NS	NS	NS	NS	NS	NS
methoxyethanol, 2-	109-86-4	NS	NS	NS	NS	NS	NS	NS	NS
methoxyethanol acetate, 2-	110-49-6	NS	NS	NS	NS	NS	NS	NS	NS
methyl acetate	79-20-9	NS	NS	NS	NS	NS	NS	NS	NS
methyl ethyl ketone [MEK]	78-93-3	NS	NS	NS	NS	NS	NS	NS	NS
methyl hydrazine	60-34-4	NS	NS	NS	NS	NS	NS	NS	NS
methyl mercury	22967-92-6	NS	NS	NS	NS	NS	NS	NS	NS
methyl methacrylate	80-62-6	NS	NS	NS	NS	NS	NS	NS	NS
methyl tert-butyl ether [MTBE]	1634-04-4	NS	NS	NS	NS	NS	NS	NS	NS
methyl-5-nitroaniline, 2-	99-55-8	NS	NS	NS	NS	NS	NS	NS	NS
methylaniline, 2-	95-53-4	NS	NS	NS	NS	NS	NS	NS	NS
methylaniline, 4-	106-49-0	NS	NS	NS	NS	NS	NS	NS	NS
methylaniline, N-	100-61-8	NS	NS	NS	NS	NS	NS	NS	NS

## SCHEDULE 3.1 – PART 3

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RLLD)	Residential High Density <sup>6</sup> (RLHD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
methylcholanthrene, 3-	56-49-5	NS	NS	NS	NS	NS	NS	NS	NS
methylene-bis(2-chloroaniline), 4,4'-	101-14-4	NS	NS	NS	NS	NS	NS	NS	NS
methylene-bis(N, N-dimethyl) aniline, 4,4'-	101-61-1	NS	NS	NS	NS	NS	NS	NS	NS
methylenebisbenzenamine, 4,4'-	101-77-9	NS	NS	NS	NS	NS	NS	NS	NS
methylnaphthalene, 1-	90-12-0	NS	NS	NS	NS	NS	NS	NS	NS
methylnaphthalene, 2-	91-57-6	NS	NS	NS	NS	NS	NS	NS	NS
methylphenol, 2-	95-48-7	0.65	1	0.1	1	1	10	10	10
methylphenol, 3-	108-39-4	0.65	1	0.1	1	1	10	10	10
methylphenol, 4-	106-44-5	0.65	1	0.1	1	1	10	10	10
methylphenol, 4-chloro-3-	59-50-7	NS	NS	NS	NS	NS	NS	NS	NS
methylstyrene, alpha-	98-83-9	NS	NS	NS	NS	NS	NS	NS	NS
metolachlor	51218-45-2	NS	NS	NS	NS	NS	NS	NS	NS
metribuzin	21087-64-9	NS	NS	NS	NS	NS	NS	NS	NS
metsulfuron-methyl	74223-64-6	NS	NS	NS	NS	NS	NS	NS	NS
mirex	2385-85-5	NS	NS	NS	NS	NS	NS	NS	NS
molate	2212-67-1	NS	NS	NS	NS	NS	NS	NS	NS
monomethylarsonic acid	124-58-3	NS	NS	NS	NS	NS	NS	NS	NS
myclobutanol	88671-89-0	NS	NS	NS	NS	NS	NS	NS	NS
naled	300-76-5	NS	NS	NS	NS	NS	NS	NS	NS
naphthylamine, 2-	91-59-8	NS	NS	NS	NS	NS	NS	NS	NS
napropamide	15299-99-7	NS	NS	NS	NS	NS	NS	NS	NS
nitrate (as N)	14797-55-8	NS	NS	NS	NS	NS	NS	NS	NS
nitrite (as N)	14797-65-0	NS	NS	NS	NS	NS	NS	NS	NS
nitroaniline, 2-	88-74-4	NS	NS	NS	NS	NS	NS	NS	NS
nitroaniline, 4-	100-01-6	NS	NS	NS	NS	NS	NS	NS	NS
nitrobenzene	98-95-3	NS	NS	NS	NS	NS	NS	NS	NS
nitrofurazone	59-87-0	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
nitroglycerin	55-63-0	NS	NS	NS	NS	NS	NS	NS	NS
nitroguanidine	556-88-7	NS	NS	NS	NS	NS	NS	NS	NS
nitrophenol, 2-	88-75-5	0.65	1	0.1	1	1	10	10	10
nitrophenol, 4-	100-02-7	0.65	1	0.1	1	1	10	10	10
nitropyrene, 4-	57835-92-4	NS	NS	NS	NS	NS	NS	NS	NS
nitrosodiethanolamine, N-	1116-54-7	NS	NS	NS	NS	NS	NS	NS	NS
nitrosodiethylamine, N- [NDEA]	55-18-5	NS	NS	NS	NS	NS	NS	NS	NS
nitrosodimethylamine, N- [NDMA]	62-75-9	NS	NS	NS	NS	NS	NS	NS	NS
nitroso-di-N-butylamine, N-	924-16-3	NS	NS	NS	NS	NS	NS	NS	NS
nitroso-di-N-propylamine, N-	621-64-7	NS	NS	NS	NS	NS	NS	NS	NS
nitrosodiphenylamine, N-	86-30-6	NS	NS	NS	NS	NS	NS	NS	NS
nitrosomethylethylamine, N-	10595-95-6	NS	NS	NS	NS	NS	NS	NS	NS
nitrosomorpholine, N-	59-89-2	NS	NS	NS	NS	NS	NS	NS	NS
nitrosopiperidine, N-	100-75-4	NS	NS	NS	NS	NS	NS	NS	NS
nitrosopyrrolidine, N-	930-55-2	NS	NS	NS	NS	NS	NS	NS	NS
nitrotoluene, 2-	88-72-2	NS	NS	NS	NS	NS	NS	NS	NS
nitrotoluene, 3-	99-08-1	NS	NS	NS	NS	NS	NS	NS	NS
nitrotoluene, 4-	99-99-0	NS	NS	NS	NS	NS	NS	NS	NS
nonane, n-	111-84-2	NS	NS	NS	NS	NS	NS	NS	NS
nonaqueous phase liquids <sup>10</sup>	NA <sup>7</sup>	not present <sup>11</sup>	not present	not present	not present	not present	not present	not present	not present
norflurazon	27314-13-2	NS	NS	NS	NS	NS	NS	NS	NS
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine [HMX]	2691-41-0	NS	NS	NS	NS	NS	NS	NS	NS
octamethylpyrophosphoramidate [OMPA]	152-16-9	NS	NS	NS	NS	NS	NS	NS	NS
octyl phthalate, di-n- [DNOP]	117-84-0	NS	NS	NS	NS	NS	NS	NS	NS
odorous substances <sup>12</sup>	NA <sup>7</sup>	not present <sup>11</sup>	not present	not present	not present	not present	not present	not present	not present
oryzalin	19044-88-3	NS	NS	NS	NS	NS	NS	NS	NS

## SCHEDULE 3.1 – PART 3

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
oxadiazon	19666-30-9	NS	NS	NS	NS	NS	NS	NS	NS
oxamyl	23135-22-0	NS	NS	NS	NS	NS	NS	NS	NS
oxyfluorfen	42874-03-3	NS	NS	NS	NS	NS	NS	NS	NS
paclobutrazol	76738-62-0	NS	NS	NS	NS	NS	NS	NS	NS
paraquat (as dichloride)	1910-42-5	NS	NS	NS	NS	NS	NS	NS	NS
parathion	56-38-2	NS	NS	NS	NS	NS	NS	NS	NS
parathion methyl	298-00-0	NS	NS	NS	NS	NS	NS	NS	NS
pebulate	1114-71-2	NS	NS	NS	NS	NS	NS	NS	NS
pendimethalin	40487-42-1	NS	NS	NS	NS	NS	NS	NS	NS
pentachlorobenzene, 1,2,3,4,5-	608-93-5	1.5	2	0.05	2	2	10	10	10
pentachloroethane	76-01-7	NS	NS	NS	NS	NS	NS	NS	NS
pentachloronitrobenzene [PCNB]	82-68-8	NS	NS	NS	NS	NS	NS	NS	NS
pentaerythritol tetranitrate [PETN]	78-11-5	NS	NS	NS	NS	NS	NS	NS	NS
perchlorate	14797-73-0	NS	NS	NS	NS	NS	NS	NS	NS
perfluorobutane sulfonate [PFBS]	375-73-5	NS	NS	NS	NS	NS	NS	NS	NS
permethrin (cis + trans)	52645-53-1	NS	NS	NS	NS	NS	NS	NS	NS
phenanthrene	85-01-8	3	5	0.1	5	5	50	50	50
phenmedipham	13684-63-4	NS	NS	NS	NS	NS	NS	NS	NS
phenol, 2-methyl-4,6-dinitro- [DNOC]	534-52-1	0.65	1	0.1	1	1	10	10	10
phenothiazine	92-84-2	NS	NS	NS	NS	NS	NS	NS	NS
phenylenediamine, m- [MPD]	108-45-2	NS	NS	NS	NS	NS	NS	NS	NS
phenylenediamine, o- [OPD]	95-54-5	NS	NS	NS	NS	NS	NS	NS	NS
phenylenediamine, p- [PPD]	106-50-3	NS	NS	NS	NS	NS	NS	NS	NS
phenylphenol, 2-	90-43-7	NS	NS	NS	NS	NS	NS	NS	NS
phorate	298-02-2	NS	NS	NS	NS	NS	NS	NS	NS
phosmet	732-11-6	NS	NS	NS	NS	NS	NS	NS	NS
phthalic acid, p-	100-21-0	NS	NS	NS	NS	NS	NS	NS	NS
picloram	1918-02-1	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
picramic acid	96-91-3	NS	NS	NS	NS	NS	NS	NS	NS
picric acid	88-89-1	NS	NS	NS	NS	NS	NS	NS	NS
pirimiphos- methyl	29232-93-7	NS	NS	NS	NS	NS	NS	NS	NS
prochloraz	67747-09-5	NS	NS	NS	NS	NS	NS	NS	NS
profluralin	26399-36-0	NS	NS	NS	NS	NS	NS	NS	NS
prometon	1610-18-0	NS	NS	NS	NS	NS	NS	NS	NS
prometryn	7287-19-6	NS	NS	NS	NS	NS	NS	NS	NS
propachlor	1918-16-7	NS	NS	NS	NS	NS	NS	NS	NS
propanil	709-98-8	NS	NS	NS	NS	NS	NS	NS	NS
propargite	2312-35-8	NS	NS	NS	NS	NS	NS	NS	NS
propargyl alcohol	107-19-7	NS	NS	NS	NS	NS	NS	NS	NS
propazine	139-40-2	NS	NS	NS	NS	NS	NS	NS	NS
propham	122-42-9	NS	NS	NS	NS	NS	NS	NS	NS
propiconazole	60207-90-1	NS	NS	NS	NS	NS	NS	NS	NS
propylbenzene, 1-	103-65-1	NS	NS	NS	NS	NS	NS	NS	NS
propylene glycol monomethyl ether	107-98-2	NS	NS	NS	NS	NS	NS	NS	NS
propylene oxide	75-56-9	NS	NS	NS	NS	NS	NS	NS	NS
propyzamide	23950-58-5	NS	NS	NS	NS	NS	NS	NS	NS
pyrene	129-00-0	6.5	10	0.1	10	10	100	100	100
pyridine	110-86-1	NS	NS	NS	NS	NS	NS	NS	NS
quinalphos	13593-03-8	NS	NS	NS	NS	NS	NS	NS	NS
quinoline	91-22-5	NS	NS	NS	NS	NS	NS	NS	NS
quizalofop-ethyl	76578-14-8	NS	NS	NS	NS	NS	NS	NS	NS
resmethrin	10453-86-8	NS	NS	NS	NS	NS	NS	NS	NS
ronnel	299-84-3	NS	NS	NS	NS	NS	NS	NS	NS
rotenone	83-79-4	NS	NS	NS	NS	NS	NS	NS	NS
selenious acid	7783-00-8	NS	NS	NS	NS	NS	NS	NS	NS

## SCHEDULE 3.1 – PART 3

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL-LD)	Residential High Density <sup>6</sup> (RL-HD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
sethoxydim	74051-80-2	NS	NS	NS	NS	NS	NS	NS	NS
silver	7440-22-4	15	20	20	20	20	40	40	40
silvex	93-72-1	NS	NS	NS	NS	NS	NS	NS	NS
simazine	122-34-9	NS	NS	NS	NS	NS	NS	NS	NS
strontium	7440-24-6	NS	NS	NS	NS	NS	NS	NS	NS
strychnine	57-24-9	NS	NS	NS	NS	NS	NS	NS	NS
styrene	100-42-5	3	5	0.1	5	5	50	50	50
styrene-acrylonitrile [SAN] trimer (all isomers)	NA <sup>7</sup>	NS	NS	NS	NS	NS	NS	NS	NS
sulfotep	3689-24-5	NS	NS	NS	NS	NS	NS	NS	NS
sulfur, elemental	7704-34-9			2 000					
TCMTB	21564-17-0	NS	NS	NS	NS	NS	NS	NS	NS
tebuthiuron	34014-18-1	NS	NS	NS	NS	NS	NS	NS	NS
temephos	3383-96-8	NS	NS	NS	NS	NS	NS	NS	NS
terbacil	5902-51-2	NS	NS	NS	NS	NS	NS	NS	NS
terbufos	13071-79-9	NS	NS	NS	NS	NS	NS	NS	NS
terbutryn	886-50-0	NS	NS	NS	NS	NS	NS	NS	NS
tetrachlorobenzene, 1,2,3,4-	634-66-2	1.5	2	0.05	2	2	10	10	10
tetrachlorobenzene, 1,2,3,5-	634-90-2	1.5	2	0.05	2	2	10	10	10
tetrachlorobenzene, 1,2,4,5-	95-94-3	1.5	2	0.05	2	2	10	10	10
tetrachloroethane, 1,1,1,2-	630-20-6	NS	NS	NS	NS	NS	NS	NS	NS
tetrachloroethane, 1,1,2,2-	79-34-5	NS	NS	NS	NS	NS	NS	NS	NS
tetrachlorophenol, 2,3,4,5-	4901-51-3	0.3	0.5	0.05	0.5	0.5	5	5	5
tetrachlorophenol, 2,3,4,6-	58-90-2	0.3	0.5	0.05	0.5	0.5	5	5	5
tetrachlorophenol, 2,3,5,6-	935-95-5	0.3	0.5	0.05	0.5	0.5	5	5	5
tetrachlorovinphos	961-11-5	NS	NS	NS	NS	NS	NS	NS	NS
tetraethyl lead	78-00-2	NS	NS	NS	NS	NS	NS	NS	NS
tetrahydrofuran	109-99-9	NS	NS	NS	NS	NS	NS	NS	NS
terryl	479-45-8	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**  
**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RLD)	Residential High Density <sup>6</sup> (RLHD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
thallium <sup>13</sup>	7440-28-0	5.5	9	9	9	9	25	25	25
thifensulfuron-methyl	79277-27-3	NS	NS	NS	NS	NS	NS	NS	NS
thiobencarb	28249-77-6	NS	NS	NS	NS	NS	NS	NS	NS
thiocyanate	302-04-5	NS	NS	NS	NS	NS	NS	NS	NS
thiodiglycol	111-48-8	NS	NS	NS	NS	NS	NS	NS	NS
thiofanox	39196-18-4	NS	NS	NS	NS	NS	NS	NS	NS
thiophanate- methyl	23564-05-8	NS	NS	NS	NS	NS	NS	NS	NS
thiophenol	108-98-5	NS	NS	NS	NS	NS	NS	NS	NS
thiram	137-26-8	NS	NS	NS	NS	NS	NS	NS	NS
tin	7440-31-5	30	50	5	50	50	300	300	300
toxaphene (all isomers)	8001-35-2	NS	NS	NS	NS	NS	NS	NS	NS
tralomethrin	66841-25-6	NS	NS	NS	NS	NS	NS	NS	NS
triadimefon	43121-43-3	NS	NS	NS	NS	NS	NS	NS	NS
triallate	2303-17-5	NS	NS	NS	NS	NS	NS	NS	NS
triasulfuron	82097-50-5	NS	NS	NS	NS	NS	NS	NS	NS
tribenuron-methyl	101200-48-0	NS	NS	NS	NS	NS	NS	NS	NS
tribromobenzene, 1,2,4-	615-54-3	NS	NS	NS	NS	NS	NS	NS	NS
tribufos	78-48-8	NS	NS	NS	NS	NS	NS	NS	NS
tributyl phosphate	126-73-8	NS	NS	NS	NS	NS	NS	NS	NS
tributyltin	36643-28-4	NS	NS	NS	NS	NS	NS	NS	NS
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	NS	NS	NS	NS	NS	NS	NS	NS
trichloroacetic acid	76-03-9	NS	NS	NS	NS	NS	NS	NS	NS
trichloroaniline, 2,4,6-	634-93-5	NS	NS	NS	NS	NS	NS	NS	NS
trichlorobenzene, 1,2,3-	87-61-6	1.5	2	0.05	2	2	10	10	10
trichlorobenzene, 1,2,4-	120-82-1	1.5	2	0.05	2	2	10	10	10
trichlorobenzene, 1,3,5-	108-70-3	1.5	2	0.05	2	2	10	10	10
trichloroethane, 1,1,1-	71-55-6	3	5	0.1	5	5	50	50	50
trichloroethane, 1,1,2-	79-00-5	3	5	0.1	5	5	50	50	50



## SCHEDULE 3.1 – PART 3

GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WLN)	Wildlands Reverted <sup>3</sup> (WLR)	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL-LD)	Residential High Density <sup>6</sup> (RL-HD)	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
trichlorofluoromethane	75-69-4	NS	NS	NS	NS	NS	NS	NS	NS
trichlorophenol, 2,3,4-	15950-66-0	0.3	0.5	0.05	0.5	0.5	5	5	5
trichlorophenol, 2,3,5-	933-78-8	0.3	0.5	0.05	0.5	0.5	5	5	5
trichlorophenol, 2,3,6-	933-75-5	0.3	0.5	0.05	0.5	0.5	5	5	5
trichlorophenol, 2,4,5-	95-95-4	0.3	0.5	0.05	0.5	0.5	5	5	5
trichlorophenol, 2,4,6-	88-06-2	0.3	0.5	0.05	0.5	0.5	5	5	5
trichlorophenol, 3,4,5-	609-19-8	0.3	0.5	0.05	0.5	0.5	5	5	5
trichlorophenoxyacetic acid, 2,4,5-[2,4,5-T]	93-76-5	NS	NS	NS	NS	NS	NS	NS	NS
trichloropropane, 1,1,2-	598-77-6	NS	NS	NS	NS	NS	NS	NS	NS
trichloropropane, 1,2,3-	96-18-4	NS	NS	NS	NS	NS	NS	NS	NS
trichloropropene, 1,2,3-	96-19-5	NS	NS	NS	NS	NS	NS	NS	NS
tricresyl phosphate [TCP]	1330-78-5	NS	NS	NS	NS	NS	NS	NS	NS
tridiphane	58138-08-2	NS	NS	NS	NS	NS	NS	NS	NS
triethylene glycol	112-27-6	NS	NS	NS	NS	NS	NS	NS	NS
trifluralin	1582-09-8	NS	NS	NS	NS	NS	NS	NS	NS
trimethyl phosphate	512-56-1	NS	NS	NS	NS	NS	NS	NS	NS
trimethylbenzene, 1,3,5-	108-67-8	NS	NS	NS	NS	NS	NS	NS	NS
trinitrobenzene, 1,3,5-	99-35-4	NS	NS	NS	NS	NS	NS	NS	NS
trinitrotoluene, 2,4,6-	118-96-7	NS	NS	NS	NS	NS	NS	NS	NS
tris(1,3-dichloro-2-propyl) phosphate [TDCPP]	13674-87-8	NS	NS	NS	NS	NS	NS	NS	NS
tris(1-chloro-2-propyl)phosphate [TCPP]	13674-84-5	NS	NS	NS	NS	NS	NS	NS	NS
tris(2,3-dibromopropyl)phosphate	126-72-7	NS	NS	NS	NS	NS	NS	NS	NS
tris(2-chloroethyl)phosphate [TCEP]	115-96-8	NS	NS	NS	NS	NS	NS	NS	NS
tris(2-ethylhexyl)phosphate	78-42-2	NS	NS	NS	NS	NS	NS	NS	NS
tungsten	7440-33-7	NS	NS	NS	NS	NS	NS	NS	NS

**SCHEDULE 3.1 – PART 3**

**GENERIC NUMERICAL SOIL STANDARDS TO PROTECT ECOLOGICAL HEALTH<sup>1,2</sup>**

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service Number (CAS)	Wildlands Natural <sup>3</sup> (WL <sub>N</sub> )	Wildlands Reverted <sup>3</sup> (WL <sub>R</sub> )	Agricultural <sup>4</sup> (AL)	Urban Park <sup>4</sup> (PL)	Residential Low Density <sup>5</sup> (RL <sub>LD</sub> )	Residential High Density <sup>6</sup> (RL <sub>HD</sub> )	Commercial <sup>4</sup> (CL)	Industrial <sup>4</sup> (IL)
vernolate	1929-77-7	NS	NS	NS	NS	NS	NS	NS	NS
vinclozolin	50471-44-8	NS	NS	NS	NS	NS	NS	NS	NS
vinyl acetate	108-05-4	NS	NS	NS	NS	NS	NS	NS	NS
vinyl chloride	75-01-4	NS	NS	NS	NS	NS	NS	NS	NS
VPHs <sup>14</sup>	NA <sup>7</sup>	150	200	200	200	200	200	200	200
warfarin	81-81-2	NS	NS	NS	NS	NS	NS	NS	NS
zineb	12122-67-7	NS	NS	NS	NS	NS	NS	NS	NS

**Notes**

- <sup>1</sup> All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time, a director's protocol, or alternate methods acceptable to a director. The high density residential land use standards of this schedule assume the prohibition of the use of the land (a) to grow plants for human consumption, and (b) as a children's playground, sports field, picnic area or any other use that promotes frequent contact by children. Consult a director for further advice.
- <sup>2</sup> NS - Insufficient acceptable scientific data exists to calculate a standard or no appropriate standard, guideline or criterion exists to develop a soil quality standard.
- <sup>3</sup> Standard is derived in accordance with Protocol 28, "2016 Standards Derivation Methods", unless otherwise noted.
- <sup>4</sup> Standard is set equal to the corresponding land use soil standard for the substance in Schedule 4 of this regulation, as it read before the repeal of that schedule, unless otherwise noted.
- <sup>5</sup> Standard has been set to equal the Residential (RL) land use soil standard for the substance in Schedule 4 of this regulation, as it read before the repeal of that schedule, unless otherwise noted.
- <sup>6</sup> Standard has been set to equal the Commercial (CL) land use soil standard for the substance in Schedule 4 of this regulation, as it read before the repeal of that schedule, unless otherwise noted.
- <sup>7</sup> NA – not applicable. No CAS number exists for the substance.
- <sup>8</sup> HEPHs - Heavy Extractable Petroleum Hydrocarbons in soil, as defined in 2015 British Columbia Environmental Laboratory Manual and updated from time to time.
- <sup>9</sup> LEPHs - Light Extractable Petroleum Hydrocarbons in soil, as defined in 2015 British Columbia Environmental Laboratory Manual and updated from time to time.
- <sup>10</sup> Soil must be remediated so that nonaqueous phase liquids are not present in quantities in excess of that acceptable to a director.
- <sup>11</sup> Standard is set equal to the Urban Park (PL) land use soil standard for the substance in Schedule 4 of this regulation, as it read before the repeal of that schedule.
- <sup>12</sup> Soil must be remediated so that odorous substances are not present in quantities in excess of that acceptable to a director.
- <sup>13</sup> Standards have been derived in accordance with Protocol 28, "2016 Standards Derivation Methods".
- <sup>14</sup> VPHs - Volatile Petroleum Hydrocarbons in soil, as defined in 2015 British Columbia Environmental Laboratory Manual and updated from time to time.