

TABLE 3-2  
Remedial Standards for Soil  
PPG Industries, Jersey City, New Jersey  
Remedial Action Work Plan - Soil



Category	Analyte	CAS	MSSRS	DIGWSSL	units
Cr+6	CHROMIUM (HEXAVALENT)	18540-29-9	20	--	mg/kg
Metals	ALUMINUM	7429-90-5	78000	6000	mg/kg
Metals	ANTIMONY	7440-36-0	31	6	mg/kg
Metals	ARSENIC	7440-38-2	19	19	mg/kg
Metals	BARIUM	7440-39-3	16000	2100	mg/kg
Metals	BERYLLIUM	7440-41-7	16	0.7	mg/kg
Metals	CADMIUM	7440-43-9	78	2	mg/kg
Metals	CHROMIUM	7440-47-3	120000	--	mg/kg
Metals	COBALT	7440-48-4	1600	90	mg/kg
Metals	COPPER	7440-50-8	3100	11000	mg/kg
Metals	LEAD	7439-92-1	400	90	mg/kg
Metals	MANGANESE	7439-96-5	11000	65	mg/kg
Metals	MERCURY	7439-97-6	23	0.1	mg/kg
Metals	NICKEL	7440-02-0	1600	48	mg/kg
Metals	SELENIUM	7782-49-2	390	11	mg/kg
Metals	SILVER	7440-22-4	390	1	mg/kg
Metals	THALLIUM	7440-28-0	5	3	mg/kg
Metals	VANADIUM	7440-62-2	78	--	mg/kg
Metals	ZINC	7440-66-6	23000	930	mg/kg
SVOC	1-1'-BIPHENYL	92-52-4	3100	140	mg/kg
SVOC	2,2'-OXYBIS(1-CHLOROPROPANE)	108-60-1	23	5	mg/kg
SVOC	2,4,5-TRICHLOROPHENOL	95-95-4	6100	68	mg/kg
SVOC	2,4,6-TRICHLOROPHENOL	88-06-2	19	0.2	mg/kg
SVOC	2,4-DICHLOROPHENOL	120-83-2	180	0.2	mg/kg
SVOC	2,4-DIMETHYLPHENOL	105-67-9	1200	1	mg/kg
SVOC	2,4-DINITROPHENOL	51-28-5	120	0.3	mg/kg
SVOC	2,4-DINITROTOLUENE	121-14-2	0.7	--	mg/kg
SVOC	2,6-DINITROTOLUENE	606-20-2	0.7	--	mg/kg
SVOC	2-CHLOROPHENOL	95-57-8	310	0.8	mg/kg
SVOC	2-METHYLNAPHTHALENE	91-57-6	230	8	mg/kg
SVOC	2-METHYLPHENOL	95-48-7	310	--	mg/kg
SVOC	2-NITROANILINE	88-74-4	39	--	mg/kg
SVOC	3,3'-DICHLOROBENZIDINE	91-94-1	1	0.2	mg/kg
SVOC	3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE	78-59-1	510	0.2	mg/kg
SVOC	3+4-METHYLPHENOL	106-44-5	31	--	mg/kg
SVOC	4,6-DINITRO-2-METHYLPHENOL	534-52-1	6	0.3	mg/kg
SVOC	ACENAPHTHENE	83-32-9	3400	110	mg/kg
SVOC	ACENAPHTHYLENE	208-96-8		--	mg/kg
SVOC	ACETOPHENONE	98-86-2	2	3	mg/kg
SVOC	ANTHRACENE	120-12-7	17000	2400	mg/kg
SVOC	ATRAZINE	1912-24-9	210	0.2	mg/kg
SVOC	BENZALDEHYDE	100-52-7	6100	--	mg/kg
SVOC	BENZO(A)ANTHRACENE	56-55-3	0.6	0.8	mg/kg
SVOC	BENZO(A)PYRENE	50-32-8	0.2	0.2	mg/kg
SVOC	BENZO(B)FLUORANTHENE	205-99-2	0.6	2	mg/kg
SVOC	BENZO(G,H,I)PERYLENE	191-24-2	380,000	--	mg/kg
SVOC	BENZO(K)FLUORANTHENE	207-08-9	6	25	mg/kg
SVOC	BENZYL BUTYL PHTHALATE	85-68-7	1200	230	mg/kg
SVOC	BIS(2-CHLOROETHYL)ETHER	111-44-4	0.4	0.2	mg/kg
SVOC	BIS(2-ETHYLHEXYL)PHTHALATE	117-81-7	35	1200	mg/kg
SVOC	CAPROLACTAM	105-60-2	31000	12	mg/kg
SVOC	CARBAZOLE	86-74-8	24	--	mg/kg
SVOC	CHRYSENE	218-01-9	62	80	mg/kg
SVOC	DIBENZO(A,H)ANTHRACENE	53-70-3	0.2	0.8	mg/kg
SVOC	DIETHYL PHTHALATE	84-66-2	49000	88	mg/kg
SVOC	DI-N-BUTYLPHTHALATE	84-74-2	6100	760	mg/kg
SVOC	DI-N-OCTYL PHTHALATE	117-84-0	2400	3300	mg/kg
SVOC	FLUORANTHENE	206-44-0	2300	1300	mg/kg
SVOC	FLUORENE	86-73-7	2300	170	mg/kg
SVOC	HEXACHLORO-1,3-BUTADIENE	87-68-3	6	0.9	mg/kg
SVOC	HEXACHLOROBENZENE	118-74-1	0.3	0.2	mg/kg

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SVOC	HEXACHLOROCYCLOPENTADIENE	77-47-4	45	320	mg/kg
SVOC	HEXACHLOROETHANE	67-72-1	35	0.2	mg/kg
SVOC	INDENO(1,2,3-CD)PYRENE	193-39-5	0.6	7	mg/kg
SVOC	NAPHTHALENE	91-20-3	6	25	mg/kg
SVOC	NITROBENZENE	98-95-3	31	0.2	mg/kg
SVOC	N-NITROSO-DI-N-PROPYLAMINE	621-64-7	0.2	0.2	mg/kg
SVOC	N-NITROSODIPHENYLAMINE	86-30-6	99	0.4	mg/kg
SVOC	PENTACHLOROPHENOL	87-86-5	3	0.3	mg/kg
SVOC	PHENANTHRENE	85-01-8		--	mg/kg
SVOC	PHENOL	108-95-2	18000	8	mg/kg
SVOC	PYRENE	129-00-0	1700	840	mg/kg
VOC	1,1,1-TRICHLOROETHANE	71-55-6	290	0.3	mg/kg
VOC	1,1,2,2-TETRACHLOROETHANE	79-34-5	1	0.007	mg/kg
VOC	1,1,2-TRICHLOROETHANE	79-00-5	2	0.02	mg/kg
VOC	1,1-DICHLOROETHANE	75-34-3	8	0.2	mg/kg
VOC	1,1-DICHLOROETHYLENE	75-35-4	11	0.008	mg/kg
VOC	1,2,4-TRICHLOROBENZENE	120-82-1	73	0.7	mg/kg
VOC	1,2-DIBROMO-3-CHLOROPROPANE (DBCP)	96-12-8	0.08	0.005	mg/kg
VOC	1,2-DIBROMOETHANE(EDB)	106-93-4	0.008	0.005	mg/kg
VOC	1,2-DICHLOROBENZENE	95-50-1	5300	17	mg/kg
VOC	1,2-DICHLOROETHANE	107-06-2	0.9	0.005	mg/kg
VOC	1,2-DICHLOROPROPANE	78-87-5	2	0.005	mg/kg
VOC	1,4-DICHLOROBENZENE	106-46-7	5	2	mg/kg
VOC	2-BUTANONE (MEK)	78-93-3	3100	0.9	mg/kg
VOC	ACETONE	67-64-1	70000	19	mg/kg
VOC	BENZENE	71-43-2	2	0.005	mg/kg
VOC	BROMODICHLOROMETHANE	75-27-4	1	0.005	mg/kg
VOC	BROMOMETHANE	74-83-9	25	0.04	mg/kg
VOC	CARBON DISULFIDE	75-15-0	7800	6	mg/kg
VOC	CARBON TETRACHLORIDE	56-23-5	0.6	0.005	mg/kg
VOC	CHLOROBENZENE	108-90-7	510	0.6	mg/kg
VOC	CHLORODIBROMOMETHANE	124-48-1	3	0.005	mg/kg
VOC	CHLOROETHANE	75-00-3	220	--	mg/kg
VOC	CHLOROFORM	67-66-3	0.6	0.4	mg/kg
VOC	CHLOROMETHANE	74-87-3	4	--	mg/kg
VOC	CIS-1,2-DICHLOROETHENE	156-59-2	230	0.3	mg/kg
VOC	CIS-1,3-DICHLOROPROPENE	10061-01-5	2	0.005	mg/kg
VOC	DICHLORODIFLUOROMETHANE	75-71-8	490	39	mg/kg
VOC	DICHLOROMETHANE	75-09-2	34	0.01	mg/kg
VOC	ETHYLBENZENE	100-41-4	7800	13	mg/kg
VOC	M+P-XYLENE	M+P-XYLENE	12000	19	mg/kg
VOC	M-DICHLOROBENZENE	541-73-1	5300	19	mg/kg
VOC	METHYL ACETATE	79-20-9	78000	22	mg/kg
VOC	METHYL-TERT-BUTYL ETHER	1634-04-4	110	0.2	mg/kg
VOC	O-XYLENE	95-47-6	12000	19	mg/kg
VOC	STYRENE (MONOMER)	100-42-5	90	3	mg/kg
VOC	TETRACHLOROETHENE	127-18-4	2	0.005	mg/kg
VOC	TOLUENE	108-88-3	6300	7	mg/kg
VOC	TRANS-1,2-DICHLOROETHENE	156-60-5	300	0.6	mg/kg
VOC	TRANS-1,3-DICHLOROPROPENE	10061-02-6	2	0.005	mg/kg
VOC	TRIBROMOMETHANE	75-25-2	81	0.03	mg/kg
VOC	TRICHLOROETHYLENE*	79-01-6	7	0.01	mg/kg
VOC	TRICHLOROFLUOROMETHANE	75-69-4	23000	34	mg/kg
VOC	VINYL CHLORIDE*	75-01-4	0.7	0.005	mg/kg
VOC	XYLENES	1330-20-7	12000	19	mg/kg
PCB	Total PCB (Aroclors)	TOT-PCB-ARO	0.2	0.2	mg/kg

Notes:

- CAS = Chemical Abstract Service registry number
- MSSRS = Most Stringent Soil Remediation Standard
- DIGWSSL = Default Impact to Groundwater Soil Screening Levels
- mg/kg = milligram per kilogram
- \* Method Detection Limit exceeds the current (Nov 2013) Default IGW SSL