

TABLE 1
SUMMARY OF SOIL ACCEPTANCE CRITERIA , Revised 7/9/2014
OVERLOOK FARMS, RUTLAND, MA

Parameter	Standards		Acceptance Criteria		Comments (refer to notes below)
	Concentration in "Natural" Soil	MCP RCS-1 Reportable Concentrations	Calculated	Acceptance Criteria	
GC/MS SEMI VOC/PAHs BY 8270D (mg/kg)					
1,1-Biphenyl	NE	0.05	<	0.005	*
1,2,4-Trichlorobenzene	NE	2	<	0.2	*
1,2-Dichlorobenzene	NE	9	<	0.9	*
1,3-Dichlorobenzene	NE	1	<	0.1	*
1,4-Dichlorobenzene	NE	1	<	0.1	*
2,4,5-Trichlorophenol	NE	4	<	0.4	*
2,4,6-Trichlorophenol	NE	1	<	0.1	*
2,4-Dichlorophenol	NE	1	<	0.1	*
2,4-Dimethylphenol	NE	1	<	0.1	*
2,4-Dinitrophenol	NE	3	<	0.3	*
2,4-Dinitrotoluene	NE	1	<	0.1	*
2,6-Dinitrotoluene	NE	100	<	10	*
2-Chloronaphthalene	NE	1,000	<	100	*
2-Chlorophenol	NE	1	<	0.1	*
2-Methylnaphthalene	0.5	0.7	<	<0.7	**
2-Methylphenol	NE	NE		NE	***
2-Nitrophenol	NE	100	<	10	*
3,3'-Dichlorobenzidine	NE	3	<	0.3	*
3+4-Methylphenol	NE	NE		NE	***
4-Bromophenyl phenyl ether	NE	100	<	10	*
4-Chloroaniline	NE	1	<	0.1	*
4-Nitrophenol	NE	100	<	10	*
Acenaphthene	0.5	4	<	<4	**
Acenaphthylene	0.5	1	<	<1	**
Acetophenone	NE	1,000	<	100	*
Aniline	NE	1,000	<	100	*
Anthracene	1	1,000	<	<10	**
Azobenzene	NE	NE		NE	***
Benzo[a]anthracene	2	7	<	<7	**
Benzo[a]pyrene	2	2	<	<2	**
Benzo[b]fluoranthene	2	7	<	<7	**
Benzo[g,h,i]perylene	1	1,000	<	<10	**
Benzo[k]fluoranthene	1	70	<	<10	**
Bis(2-chloroethoxy)methane	NE	500	<	50	*
Bis(2-chloroethyl)ether	NE	1	<	0.1	*
Bis(2-ethylhexyl) phthalate	NE	90	<	9	*
Butyl benzyl phthalate	NE	100	<	10	*
Chrysene	2	70	<	<20	**

TABLE 1
SUMMARY OF SOIL ACCEPTANCE CRITERIA , Revised 7/9/2014
OVERLOOK FARMS, RUTLAND, MA

Parameter	Standards		Acceptance Criteria		Comments (refer to notes below)
	Concentration in "Natural" Soil	MCP RCS-1 Reportable Concentrations	Calculated	Acceptance Criteria	
Dibenz(a,h)anthracene	0.5	0.7	<	<0.7	**
Dibenzofuran	NE	100	<	10	*
Diethyl phthalate	NE	10	<	1	*
Dimethyl phthalate	NE	0.7	<	0.07	*
Di-n-butyl phthalate	NE	50	<	5	*
Di-n-octyl phthalate	NE	1,000	<	100	*
Fluoranthene	4	1,000	<	<40	**
Fluorene	1	1,000	<	<10	**
Hexachlorobenzene	NE	1	<	0.1	*
Hexachlorobutadiene	NE	30	<	3	*
Hexachloroethane	NE	1	<	0.1	*
Indeno[1,2,3-cd]pyrene	1	7	<	<7	**
Isophorone	NE	100	<	10	*
Naphthalene	0.5	4	<	<4	**
Nitrobenzene	NE	500	<	50	*
n-Nitrosodimethylamine	NE	50	<	5	*
Pentachlorophenol	NE	3	<	0.3	*
Phenanthrene	3	10-600	<	<10	**
Phenol	NE	1	<	0.1	*
Pyrene	4	1,000	<	<40	**
GC/MS VOA BY 8260C (mg/kg)					
1,1,1,2-Tetrachloroethane	NE	0.1	<	0.01	*
1,1,1-Trichloroethane	NE	30	<	3	*
1,1,2,2-Tetrachloroethane	NE	0.005	<	0.0005	*
1,1,2-Trichloroethane	NE	0.1	<	0.01	*
1,1-Dichloroethane	NE	0.4	<	0.04	*
1,1-Dichloroethene	NE	3	<	0.3	*
1,1-Dichloropropene	NE	NE		NE	***
1,2,3-Trichlorobenzene	NE	NE		NE	***
1,2,3-Trichloropropane	NE	100	<	10	*
1,2,4-Trichlorobenzene	NE	2	<	0.2	*
1,2,4-Trimethylbenzene	NE	1,000	<	100	*
1,2-Dibromo-3-Chloropropane	NE	10	<	1	*
1,2-Dibromoethane	NE	0.1	<	0.01	*
1,2-Dichlorobenzene	NE	9	<	0.9	*
1,2-Dichloroethane	NE	0.1	<	0.01	*
1,2-Dichloropropane	NE	0.1	<	0.01	*
1,3,5-Trimethylbenzene	NE	10	<	1	*
1,3-Dichlorobenzene	NE	3	<	0.3	*

TABLE 1
SUMMARY OF SOIL ACCEPTANCE CRITERIA , Revised 7/9/2014
OVERLOOK FARMS, RUTLAND, MA

Parameter	Standards		Acceptance Criteria	Comments (refer to notes below)
	Concentration in "Natural" Soil	MCP RCS-1 Reportable Concentrations	Calculated Acceptance Criteria	
1,3-Dichloropropane	NE	500	< 50	*
1,4-Dichlorobenzene	NE	1	< 0.1	*
1,4-Dioxane	NE	0.2	< 0.02	*
2,2-Dichloropropane	NE	NE	NE	***
2-Butanone (MEK)	NE	4	< 0.4	*
2-Chlorotoluene	NE	100	< 10	*
2-Hexanone	NE	100	< 10	*
4-Chlorotoluene	NE	NE	NE	***
4-Isopropyltoluene	NE	NE	NE	***
4-Methyl-2-pentanone (MIBK)	NE	NE	NE	***
Acetone	NE	6	< 0.6	*
Acrolein-Screen	NE	NE	NE	***
Benzene	NE	2	< 0.2	*
Bromobenzene	NE	100	< 10	*
Bromochloromethane	NE	0.005	< 0.0005	*
Bromodichloromethane	NE	0.1	< 0.01	*
Bromoform	NE	0.1	< 0.01	*
Bromomethane	NE	1	< 0.1	*
Carbon disulfide	NE	100	< 10	*
Carbon tetrachloride	NE	5	< 0.5	*
Chlorobenzene	NE	1	< 0.1	*
Chlorodibromomethane	NE	0.005	< 0.0005	*
Chloroethane	NE	100	< 10	*
Chloroform	NE	0.2	< 0.02	*
Chloromethane	NE	100	< 10	*
cis-1,2-Dichloroethene	NE	0.1	< 0.01	*
cis-1,3-Dichloropropene	NE	NE	NE	***
Dibromochloromethane	NE	0.005	< 0.0005	*
Dibromomethane	NE	500	< 50	*
Dichlorodifluoromethane	NE	1,000	< 100	*
Diethyl ether	NE	100	< 10	*
Di-Isopropyl ether	NE	NE	NE	***
Ethylbenzene	NE	40	< 4	*
Hexachlorobutadiene	NE	6	< 0.6	*
Isopropylbenzene	NE	1,000	< 100	*
Methyl tert-butyl ether	NE	0.1	< 0.01	*
Methylene Chloride	NE	0.1	< 0.01	*
m-Xylene & p-Xylene	NE	100	< 10	*
Naphthalene	NE	4	< 0.4	*

TABLE 1
SUMMARY OF SOIL ACCEPTANCE CRITERIA , Revised 7/9/2014
OVERLOOK FARMS, RUTLAND, MA

Parameter	Standards		Acceptance Criteria		Comments (refer to notes below)
	Concentration in "Natural" Soil	MCP RCS-1 Reportable Concentrations	Calculated	Acceptance Criteria	
n-Butylbenzene	NE	NE	NE	NE	***
N-Propylbenzene	NE	100	<	10	*
o-Xylene	NE	100	<	10	*
sec-Butylbenzene	NE	NA		NE	***
Styrene	NE	3	<	0.3	*
Tert-amyl methyl ether	NE	NE		NE	***
Tert-butyl ethyl ether	NE	NE		NE	***
tert-Butylbenzene	NE	100	<	10	*
Tetrachloroethene	NE	1	<	0.1	*
Tetrahydrofuran	NE	500	<	50	*
Toluene	NE	30	<	3	*
trans-1,2-Dichloroethene	NE	1	<	0.1	*
trans-1,3-Dichloropropene	NE	NE		NE	***
Trichloroethene	NE	0.3	<	0.03	*
Trichlorofluoromethane	NE	1,000	<	100	*
Vinyl chloride	NE	0.7	<	0.07	*
GC SEMI VOA BY 8100 Modified					
TPH	NE	1,000	<	500	1/2 RCS-1 per MADEP
MA EPH Aliphatic/Aromatic Ranges by MADEP CAM IV B					
C9-C18 Aliphatic	NE	1,000	<	500	1/2 RCS-1 per MADEP
C19-C36 Aliphatic	NE	3,000	<	1,500	1/2 RCS-1 per MADEP
C11-C22 Aromatic	NE	1,000	<	500	1/2 RCS-1 per MADEP
Pesticides BY 8081B (mg/kg)					
4,4'-DDD	NE	8	<	0.15	
4,4'-DDE	NE	6	<	0.15	
4,4'-DDT	NE	6	<	0.15	
Aldrin	NE	0.08	<	0.08	
alpha-BHC	NE	50	<	0.15	
beta-BHC	NE	10	<	0.15	
Chlordane (technical)	NE	5	<	0.15	
delta-BHC	NE	10	<	0.15	
Dieldrin	NE	0.08	<	0.08	
Endosulfan I	NE	0.5	<	0.15	
Endosulfan II	NE	0.5	<	0.15	
Endosulfan sulfate	NE	NA	<	0.15	
Endrin	NE	10	<	0.15	
Endrin ketone	NE	NA	<	0.15	
gamma-BHC (Lindane)	NE	0.003	<	0.003	
Heptachlor	NE	0.3	<	0.15	

TABLE 1
SUMMARY OF SOIL ACCEPTANCE CRITERIA , Revised 7/9/2014
OVERLOOK FARMS, RUTLAND, MA

Parameter	Standards		Acceptance Criteria	Comments (refer to notes below)
	Concentration in "Natural" Soil	MCP RCS-1 Reportable Concentrations	Calculated Acceptance Criteria	
Heptachlor epoxide	NE	0.1	< 0.1	
Hexachlorobenzene	NE	0.7	< 0.15	
Methoxychlor	NE	200	< 0.15	
PCBs BY 8082A (mg/kg)				
PCB-1016	NE	1	< 0.1	
PCB-1221	NE	1	< 0.1	
PCB-1232	NE	1	< 0.1	
PCB-1242	NE	1	< 0.1	
PCB-1248	NE	1	< 0.1	
PCB-1254	NE	1	< 0.1	
PCB-1260	NE	1	< 0.1	
PCB-1262	NE	1	< 0.1	
PCB-1268	NE	1	< 0.1	
Herbicides BY 8151A (mg/kg)				
2,4,5-T	NE	NA	< 0.03	
2,4-D	NE	NA	< 0.03	
2,4-DB	NE	NA	< 0.03	
Dalapon	NE	NA	< 0.03	
Dicamba	NE	NA	< 0.03	
Dichlorprop	NE	NA	< 0.03	
Dinoseb	NE	NA	< 0.03	
Silvex (2,4,5-TP)	NE	100	< 0.03	
METALS BY various methods (see notes below) (mg/kg)				
Antimony	1	20	< 10	**
Arsenic	20	20	< 20	**
Barium	50	1,000	< 375	**
Beryllium	0.4	90	< 4	**
Cadmium	2	70	< 20	**
Chromium (Total)	30	100	< <100	**
Chromium (Tri)	30	1,000	< 225	**
Chromium (Hex)	30	100	< <100	**
Copper	40	NE	< 300	**
Lead	100	200	< 200	**
Mercury	0.3	20	< 3	**
Nickel	20	600	< 150	**
Selenium	0.5	400	< 5	**
Silver	0.6	100	< 6	**
Thallium	0.6	8	< 6	**
Vanadium	30	400	< 225	**

TABLE 1
SUMMARY OF SOIL ACCEPTANCE CRITERIA , Revised 7/9/2014
OVERLOOK FARMS, RUTLAND, MA

Parameter	Standards		Acceptance Criteria	Comments (refer to notes below)
	Concentration in "Natural" Soil	MCP RCS-1 Reportable Concentrations	Calculated Acceptance Criteria	
Zinc	100	1000	< 500	**
GENERAL CHEMISTRY BY MOISTURE (%)				
Percent Solids	NE	NA	NA	
GENERAL CHEMISTRY BY SM 2510B (umhos/cm)				
Specific Conductance (umhos/cm)	NE	NA	2000	
Flashpoint (EPA 1010)	NE	NA	> 140	
pH/Corrosivity (EPA 9045)	NE	NA	5.0-9.0	
Reactive Sulfide/Cyanide	NE	NA	500/250	
PID SCREENING	NE	NA	< 10 ppmv	
asbestos fibers	NE	NA	ND	

NOTES:

VOC is volatile organic compounds

PAH is polycyclic aromatic hydrocarbons

VOA is volatile organic analysis

PCB is polychlorinated biphenyls

TPH is total petroleum hydrocarbons

NE is Not Established

VOCs/Pest/Herbs: No VOCs can be accepted. Trace levels of pesticides/herbicides can be accepted on a case by case basis

^ Represents one-half of the laboratory detection limit

* Represents 10% of RCS-1 concentration

** Refer to WSC 13-500, Table 2, Limiting Soil Concentration

*** To be determined on a case by case basis

MCP-14 Metals	
(EPA Methods 6010 and 7470 (for mercury) and 7010 for thallium))	
Antimony	Mercury
Arsenic	Nickel
Barium	Selenium
Beryllium	Silver
Cadmium	Thallium
Chromium	Vanadium
Lead	Zinc