

APPENDIX Q
RECAP CALCULATIONS

LDEQ RECAP TABLE 1
SCREENING OPTION
SCREENING STANDARDS FOR SOIL AND GROUNDWATER

COMPOUND	CAS #	SOIL_SSni (mg/kg)	NOTE	SOIL_SSi (mg/kg)	NOTE	SOIL_SSGW (mg/kg)	NOTE	GW_SS (mg/L)	NOTE
Acenaphthene	83-32-9	3.7E+02	N	6.1E+03	N	2.2E+02	A	3.7E-02	N
Acenaphthylene	208-96-8	3.5E+02	N	5.1E+03	N	8.8E+01	A	1.0E-01	Q
Acetone	67-64-1	1.7E+02	N	1.4E+03	N	1.5E+00	A	1.0E-01	Q
Aldrin	309-00-2	2.8E-02	C	1.3E-01	C	1.1E+01	A	1.9E-03	Q
Aniline	62-53-3	2.4E+00	N	1.7E+01	N	6.5E-02	A	1.2E-02	C
Anthracene	120-12-7	2.2E+03	N	4.8E+04	N	1.2E+02	A	4.3E-02	W
Antimony	7440-36-0	3.1E+00	N	8.2E+01	N	1.2E+01	L1	6.0E-03	MCL
Arsenic	7440-38-2	1.2E+01	D	1.2E+01	D	1.0E+02	L	1.0E-02	MCL
Barium	7440-39-3	5.5E+02	N	1.4E+04	N	2.0E+03	L	2.0E+00	MCL
Benzene	71-43-2	1.5E+00	C	3.1E+00	C	5.1E-02	A	5.0E-03	MCL
Benz(a)anthracene	56-55-3	6.2E-01	C	2.9E+00	C	3.3E+02	A	7.8E-03	Q
Benzo(a)pyrene	50-32-8	3.3E-01	Q	3.3E-01	Q	2.3E+01	A	2.0E-04	MCL
Benzo(b)fluoranthene	205-99-2	6.2E-01	C	2.9E+00	C	2.2E+02	A	4.8E-03	Q
Benzo(k)fluoranthene	207-08-9	6.2E+00	C	2.9E+01	C	1.2E+02	A	2.5E-03	Q
Beryllium	7440-41-7	1.6E+01	N	4.1E+02	N	8.0E+00	L1	4.0E-03	MCL
Biphenyl, 1,1-	92-52-4	2.3E+02	P	2.3E+02	P	1.9E+02	A	3.0E-02	N
Bis(2-chloroethyl)ether	111-44-4	3.3E-01	Q	1.1E+00	C	3.3E-01	Q	5.7E-03	Q
Bis(2-chloroisopropyl)ether	108-60-1	4.9E+00	C	1.7E+01	C	8.0E-01	Q	5.7E-03	Q
Bis(2-ethyl-hexyl)phthalate	117-81-7	3.5E+01	C	1.7E+02	C	7.9E+01	A	6.0E-03	MCL
Bromodichloromethane	75-27-4	1.8E+00	C	4.2E+00	C	9.2E-01	A	1.0E-01	MCL
Bromoform	75-25-2	4.8E+01	C	1.8E+02	C	1.8E+00	A	1.0E-01	MCL
Bromomethane	74-83-9	4.3E-01	N	3.0E+00	N	4.0E-02	A	1.0E-02	Q
Butyl benzyl phthalate	85-68-7	2.2E+02	P	2.2E+02	P	2.2E+02	P	7.3E-01	N
Cadmium	7440-43-9	3.9E+00	N	1.0E+02	N	2.0E+01	L	5.0E-03	MCL
Carbon Disulfide	75-15-0	3.6E+01	N	2.5E+02	N	1.1E+01	A	1.0E-01	N
Carbon Tetrachloride	56-23-5	1.8E-01	N	1.1E+00	C	1.1E-01	A	5.0E-03	MCL
Chlordane	57-74-9	1.6E+00	C	1.0E+01	C	1.2E+01	A	2.0E-03	MCL
Chloroaniline,p-	106-47-8	1.6E+01	N	1.7E+02	N	1.5E+00	A	2.0E-02	Q
Chlorobenzene	108-90-7	1.7E+01	N	1.2E+02	N	3.0E+00	A	1.0E-01	MCL
Chlorodibromomethane	124-48-1	2.2E+00	C	5.4E+00	C	1.0E+00	A	1.0E-01	MCL
Chloroethane (Ethylchloride)	75-00-3	4.1E+00	C	8.2E+00	C	3.5E-02	A	1.0E-02	Q
Chloroform	67-66-3	4.4E-02	N	3.0E-01	N	9.0E-01	A	1.0E-01	MCL
Chloromethane	74-87-3	3.5E+00	C	7.3E+00	C	1.0E-01	Q	1.0E-02	Q
Chloronaphthalene,2-	91-58-7	5.0E+02	N	8.3E+03	N	5.0E+02	A	4.9E-02	N
Chlorophenol,2-	95-57-8	1.5E+01	N	1.4E+02	N	1.4E+00	A	1.0E-02	Q
Chromium(III)	16065-83-1	1.2E+04	N	3.1E+05	N	1.0E+02	L	1.0E-01	MCL

NOTE: See end of Table for designation of letter symbols

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SCREENING OPTION
SCREENING STANDARDS FOR SOIL AND GROUNDWATER

COMPOUND	CAS #	SOIL_SSnI (mg/kg)	NOTE	SOIL_SSi (mg/kg)	NOTE	SOIL_SSGW (mg/kg)	NOTE	GW_SS (mg/L)	NOTE
Chromium(VI)	18540-29-97	2.3E+01	N	6.1E+02	N	1.0E+02	L	1.0E-01	MCL
Chrysene	218-01-9	6.2E+01	C	2.9E+02	C	7.6E+01	A	1.6E-03	W
Cobalt	7440-48-4	4.7E+02	N	1.2E+04	N	4.4E+03	L1	2.2E-01	N
Copper	7440-50-8	3.1E+02	N	8.2E+03	N	1.5E+03	S	1.3E+00	MCL
Cyanide (free)	57-12-5	1.5E+02	N	3.6E+03	N	4.0E+02	L1	2.0E-01	MCL
DDD	72-54-8	2.4E+00	C	1.6E+01	C	1.5E+00	A	2.8E-04	C
DDE	72-55-9	1.7E+00	C	1.1E+01	C	2.0E+00	A	2.0E-04	C
DDT	50-29-3	1.7E+00	C	1.2E+01	C	2.4E+01	A	3.0E-04	Q
Dibenz(a,h)anthracene	53-70-3	3.3E-01	Q	3.3E-01	Q	5.4E+02	A	2.5E-03	Q
Dibenzofuran	132-64-9	2.9E+01	N	1.5E+02	P	2.4E+01	A	1.0E-02	Q
Dibromo-3-chloropropane,1,2-	96-12-8	1.8E-01	N	1.6E+00	N	1.0E-02	Q	2.0E-04	MCL
Dichlorobenzene,1,2-	95-50-1	9.9E+01	N	3.8E+02	P	2.9E+01	A	6.0E-01	MCL
Dichlorobenzene,1,3-	541-73-1	2.1E+00	N	1.8E+01	N	2.1E+00	A	1.0E-02	Q
Dichlorobenzene,1,4-	106-46-7	6.7E+00	C	1.6E+01	C	5.7E+00	A	7.5E-02	MCL
Dichlorobenzidine,3,3-	91-94-1	9.7E-01	C	4.2E+00	C	1.8E+00	A	2.0E-02	Q
Dichloroethane,1,1-	75-34-3	6.6E+01	N	4.7E+02	N	7.5E+00	A	8.1E-02	N
Dichloroethane,1,2-	107-06-2	8.2E-01	C	1.8E+00	C	3.5E-02	A	5.0E-03	MCL
Dichloroethene,1,1-	75-35-4	1.3E+01	N	9.1E+01	N	8.5E-02	A	7.0E-03	MCL
Dichloroethene,cis,1,2-	156-59-2	4.8E+00	N	3.4E+01	N	4.9E-01	A	7.0E-02	MCL
Dichloroethene,trans,1,2-	156-60-5	6.9E+00	N	4.8E+01	N	7.7E-01	A	1.0E-01	MCL
Dichlorophenol,2,4-	120-83-2	1.6E+01	N	2.0E+02	N	1.2E+01	A	1.1E-02	N
Dichloropropane,1,2-	78-87-5	6.9E-01	N	1.8E+00	C	4.2E-02	A	5.0E-03	MCL
Dichloropropene,1,3-	542-75-6	3.1E+00	C	1.0E+01	C	4.0E-02	A	5.0E-03	Q
Dieldrin	60-57-1	3.0E-02	C	1.5E-01	C	7.6E+00	A	2.5E-03	Q
Diethylphthalate	84-66-2	6.7E+02	P	6.7E+02	P	3.6E+02	A	2.9E+00	N
Dimethylphenol,2,4-	105-67-9	9.3E+01	N	1.1E+03	N	2.0E+01	A	7.3E-02	N
Dimethylphthalate	131-11-3	1.5E+03	P	1.5E+03	P	1.5E+03	P	3.7E+01	N
Di-n-octylphthalate	117-84-0	2.4E+02	N	3.5E+03	N	1.0E+04	P	2.0E-02	W
Dinitrobenzene,1,3-	99-65-0	4.5E-01	N	5.0E+00	N	2.5E-01	Q	1.0E-02	Q
Dinitrophenol,2,4-	51-28-5	7.1E+00	N	6.9E+01	N	1.7E+00	Q	5.0E-02	Q
Dinitrotoluene,2,6-	606-20-2	4.3E+00	N	4.6E+01	N	3.9E-01	A	1.0E-02	Q
Dinitrotoluene,2,4-	121-14-2	8.9E+00	N	9.8E+01	N	1.0E+00	A	1.0E-02	Q
Dinoseb	88-85-7	4.7E+00	N	5.4E+01	N	1.4E-01	Q	7.0E-03	MCL
Endosulfan	115-29-7	3.4E+01	N	4.5E+02	N	5.4E+01	A	2.2E-02	N
Endrin	72-20-8	1.8E+00	N	2.5E+01	N	2.6E+00	A	2.0E-03	MCL
Ethyl benzene	100-41-4	1.6E+02	N	2.3E+02	P	1.9E+01	A	7.0E-01	MCL

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COMPOUND	CAS #	SOIL_SSnI (mg/kg)	NOTE	SOIL_SSi (mg/kg)	NOTE	SOIL_SSGW (mg/kg)	NOTE	GW_SS (mg/L)	NOTE
Fluoranthene	206-44-0	2.2E+02	N	2.9E+03	N	1.2E+03	A	1.5E-01	N
Fluorene	86-73-7	2.8E+02	N	5.4E+03	N	2.3E+02	A	2.4E-02	N
Heptachlor	76-44-8	1.6E-02	C	3.5E-02	C	5.0E-01	A	4.0E-04	MCL
Heptachlor epoxide	1024-57-3	5.3E-02	C	2.6E-01	C	2.0E+00	A	2.0E-04	MCL
Hexachlorobenzene	118-74-1	3.4E-01	C	2.0E+00	C	9.6E+00	A	1.0E-03	MCL
Hexachlorobutadiene	87-68-3	8.2E-01	N	8.6E+00	N	5.5E+00	A	7.3E-04	N
Hexachlorocyclohexane, alpha	319-84-6	8.2E-02	C	4.4E-01	C	6.4E-03	A	3.0E-05	Q
Hexachlorocyclohexane, beta	319-85-7	2.9E-01	C	1.6E+00	C	1.6E-02	A	6.0E-05	Q
Hexachlorocyclohexane, gamma	58-89-9	3.9E-01	C	2.0E+00	C	3.3E-02	A	2.0E-04	MCL
Hexachlorocyclopentadiene	77-47-4	1.4E+00	N	9.4E+00	N	1.2E+03	A	5.0E-02	MCL
Hexachloroethane	67-72-1	5.2E+00	N	6.8E+01	N	2.2E+00	A	1.0E-02	Q
Indeno(1,2,3-cd)pyrene	193-39-5	6.2E-01	C	2.9E+00	C	9.2E+00	A	3.7E-03	Q
Isobutyl alcohol	78-83-1	7.3E+02	N	6.2E+03	N	3.0E+01	A	1.1E+00	N
Isophorone	78-59-1	3.4E+02	C	1.1E+03	C	5.6E-01	A	7.0E-02	C
Lead (inorganic)	7439-92-1	4.0E+02	B	1.4E+03	B	1.0E+02	L	1.5E-02	MCL
Mercury (inorganic)	7487-94-7	2.3E+00	N	6.1E+01	N	4.0E+00	L	2.0E-03	MCL
Methoxychlor	72-43-5	3.0E+01	N	4.3E+02	N	3.8E+02	A	4.0E-02	MCL
Methylene chloride	75-09-2	1.9E+01	C	4.4E+01	C	1.7E-02	A	5.0E-03	MCL
Methyl ethyl ketone	78-93-3	5.9E+02	N	4.4E+03	N	5.0E+00	A	1.9E-01	N
Methyl isobutyl ketone	108-10-1	4.5E+02	N	3.1E+03	P	6.4E+00	A	2.0E-01	N
Methylnaphthalene, 2-	91-57-6	2.2E+01	N	1.7E+02	N	1.7E+00	A	6.2E-04	N
MTBE (methyl tert-butyl ether)	1634-04-4	6.5E+02	N	4.7E+03	N	7.7E-02	A	2.0E-02	T/O
Naphthalene	91-20-3	6.2E+00	N	4.3E+01	N	1.5E+00	A	1.0E-02	Q
Nickel	7440-02-0	1.6E+02	N	4.1E+03	N	1.5E+03	L1	7.3E-02	N
Nitrate	14797-55-8	1.3E+04	N	3.3E+05	N	2.0E+04	L1	1.0E+01	MCL
Nitrite	14797-65-0	7.8E+02	N	2.0E+04	N	2.0E+03	L1	1.0E+00	MCL
Nitroaniline, 2-	88-74-4	1.7E+00	Q	1.7E+00	Q	1.7E+00	Q	5.0E-02	Q
Nitroaniline, 3-	99-09-2	1.3E+01	N	1.4E+02	N	1.7E+00	Q	5.0E-02	Q
Nitroaniline, 4-	100-01-6	1.0E+01	N	1.0E+02	N	1.7E+00	Q	5.0E-02	Q
Nitrobenzene	98-95-3	2.2E+00	N	2.5E+01	N	3.3E-01	Q	1.9E-03	Q
Nitrophenol, 4-	100-02-7	3.2E+01	N	3.3E+02	N	2.6E+00	A	5.0E-02	Q
Nitrosodi-n-propylamine, n-	621-64-7	3.3E-01	Q	3.3E-01	Q	3.3E-01	Q	1.0E-02	Q
N-nitrosodiphenylamine	86-30-6	9.0E+01	C	4.0E+02	C	2.1E+00	A	1.4E-02	C
Pentachlorophenol	87-86-5	2.8E+00	C	9.7E+00	C	1.7E+00	Q	1.0E-03	MCL
Phenanthrene	85-01-8	2.1E+03	N	4.3E+04	N	6.6E+02	A	1.8E-01	N
Phenol	108-95-2	1.3E+03	N	1.5E+04	N	1.1E+01	A	1.8E-01	N

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COMPOUND	CAS #	SOIL_SSnI (mg/kg)	NOTE	SOIL_SSi (mg/kg)	NOTE	SOIL_SSGW (mg/kg)	NOTE	GW_SS (mg/L)	NOTE
Polychlorinated biphenyls	1336-36-3	1.1E-01	N	9.0E-01	C	1.9E+01	A	5.0E-04	MCL
Pyrene	129-00-0	2.3E+02	N	5.6E+03	N	1.1E+03	A	1.8E-02	N
Selenium	7782-49-2	3.9E+01	N	1.0E+03	N	2.0E+01	L	5.0E-02	MCL
Silver	7440-22-4	3.9E+01	N	1.0E+03	N	1.0E+02	L	1.8E-02	N
Styrene	100-42-5	5.0E+02	N	1.7E+03	P	1.1E+01	A	1.0E-01	MCL
Tetrachlorobenzene,1,2,4,5-	95-94-3	1.2E+00	N	1.2E+01	N	6.9E+00	A	1.1E-03	N
Tetrachloroethane,1,1,1,2-	630-20-6	2.7E+00	C	5.9E+00	C	4.6E-02	A	5.0E-03	Q
Tetrachloroethane,1,1,2,2-	79-34-5	8.1E-01	C	2.0E+00	C	6.0E-03	A	5.0E-04	Q
Tetrachloroethylene	127-18-4	8.3E+00	C	3.5E+01	C	1.8E-01	A	5.0E-03	MCL
Tetrachlorophenol,2,3,4,6-	58-90-2	1.4E+02	N	1.4E+03	P	3.1E+01	A	1.1E-01	N
Thallium	7440-28-0	5.5E-01	N	1.4E+01	N	4.0E+00	L1	2.0E-03	MCL
Toluene	108-88-3	6.8E+01	N	4.7E+02	N	2.0E+01	A	1.0E+00	MCL
Toxaphene	8001-35-2	4.4E-01	C	2.2E+00	C	3.4E+01	A	3.0E-03	MCL
Trichlorobenzene,1,2,4-	120-82-1	6.6E+01	N	1.2E+03	N	1.4E+01	A	7.0E-02	MCL
Trichloroethane,1,1,1,-	71-55-6	8.2E+01	N	7.0E+02	N	4.0E+00	A	2.0E-01	MCL
Trichloroethane,1,1,2,-	79-00-5	1.9E+00	C	4.3E+00	C	5.8E-02	A	5.0E-03	MCL
Trichloroethene	79-01-6	1.0E-01	C	2.1E-01	C	7.3E-02	A	5.0E-03	MCL
Trichlorofluoromethane	75-69-4	3.8E+01	N	2.6E+02	N	3.7E+01	A	1.3E-01	N
Trichlorophenol,2,4,5-	95-95-4	5.3E+02	N	6.6E+03	N	3.2E+02	A	3.7E-01	N
Trichlorophenol,2,4,6-	88-06-2	4.0E+01	C	1.7E+02	C	1.3E+00	A	1.0E-02	Q
Vanadium	7440-62-2	5.5E+01	N	1.4E+03	N	5.2E+02	L1	2.6E-02	N
Vinyl chloride	75-01-4	2.4E-01	C	7.9E-01	C	1.3E-02	A	2.0E-03	MCL
Xylene(mixed)	1330-20-7	1.8E+01	N	1.2E+02	N	1.5E+02	P	1.0E+01	MCL
Zinc	7440-66-6	2.3E+03	N	6.1E+04	N	2.8E+03	S	1.1E+00	N
Aliphatics C6-C8	NA	1.2E+03	N	8.0E+03	N	1.0E+04	O,T	3.2E+00	N
Aliphatics >C8-C10	NA	1.2E+02	N	8.8E+02	N	5.3E+03	A	1.5E-01	Q
Aliphatics >C10-C12	NA	2.3E+02	N	2.0E+03	N	1.0E+04	O,T	1.5E-01	Q
Aliphatics >C12-C16	NA	3.7E+02	N	3.8E+03	N	1.0E+04	O,T	1.5E-01	Q
Aliphatics >C16-C35	NA	7.1E+03	N	1.0E+04	O,T	1.0E+04	O,T	7.3E+00	N
Aromatics >C8-C10	NA	6.5E+01	N	5.1E+02	N	6.5E+01	A	1.5E-01	Q
Aromatics >C10-C12	NA	1.2E+02	N	1.1E+03	N	1.0E+02	A	1.5E-01	Q
Aromatics >C12-C16	NA	1.8E+02	N	2.1E+03	N	2.0E+02	A	1.5E-01	Q
Aromatics >C16-C21	NA	1.5E+02	N	1.7E+03	N	2.1E+03	A	1.5E-01	Q
Aromatics >C21-C35	NA	1.8E+02	N	2.5E+03	N	1.0E+04	O,T	1.5E-01	Q

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COMPOUND	CAS #	SOIL_SSnI (mg/kg)	NOTE	SOIL_SSi (mg/kg)	NOTE	SOIL_SSGW (mg/kg)	NOTE	GW_SS (mg/L)	NOTE
TPH-GRO	NA	6.5E+01	N,I	5.1E+02	N,I	6.5E+01	A	1.5E-01	Q
TPH-DRO	NA	6.5E+01	N,I	5.1E+02	N,I	6.5E+01	A	1.5E-01	Q
TPH-ORO	NA	1.8E+02	N,I	2.5E+03	N,I	1.0E+04	O,T	1.5E-01	Q
A - Based on algorithm contained in Appendix H									
B - Based on EPA's biokinetic and adult lead cleanup level models for lead									
C - Based on carcinogenic health effects									
D - DEQ established background level plus one standard deviation = 11.5									
I - TPH Standards are only applicable when used in conjunction with Standards for indicator compounds									
L - Soil level protective of groundwater for inorganic constituents based on leachability									
L1 - Soil level protective of groundwater for inorganic constituents based on GW 1 because TCLP value not listed									
M - Based on EPA's Maximum Contaminant Level (MCL) for drinking water									
N - Based on non-carcinogenic health effects									
O - Ceiling value based on aesthetic considerations									
P - Soil Saturation Limit is less than health based level thus default to soil saturation limit									
Q - Based on analytical quantitation limit									
S - Soil level protective of groundwater for inorganic constituents based on the maximum concentration for the beneficial use of sewage sludge									
T - TPH shall not exceed 10,000									
W - Solubility limit is less than health based limit thus default to solubility limit									
T/O - EPA taste/odor advisory value									

NOTE: See end of Table for designation of letter symbols

LDEQ RECAP TABLE 2
MANAGEMENT OPTION 1
STANDARDS FOR SOIL
(mg/kg)

COMPOUND	CAS #	SOILni	NOTE	SOILi	NOTE	SOILGW1	NOTE	SOILGW2	NOTE	SOILGW3DW	NOTE	SOILGW3NDW	NOTE	SOILsat	SOILesni+	SOILesi+
Acenaphthene	83-32-9	3.7E+03	N	6.1E+04	N	2.2E+02	A	2.2E+02	X DF 2	2.5E+02	X DF3	3.2E+02	X DF 3	NA	7.3E+04	2.5E+05
Acenaphthylene	208-96-8	3.5E+03	N	5.1E+04	N	8.8E+01	A	8.8E+01	X DF 2	1.4E+02	X DF3	1.9E+02	X DF 3	NA	3.8E+04	1.3E+05
Acetone	67-64-1	1.7E+03	N	1.4E+04	N	1.5E+00	A	1.5E+00	X DF 2	8.5E+00	X DF3	1.8E+02	X DF 3	1.3E+05	6.6E+02	2.3E+03
Aldrin	309-00-2	2.8E-02	C	1.3E-01	C	1.1E+01	A	1.1E+01	F	1.1E+01	H	1.1E+01	H	NA		
Aniline	62-53-3	2.4E+01	N	1.7E+02	N	6.5E-02	A	6.5E-02	X DF 2	3.2E-02	X DF3	4.4E-01	X DF 3	1.0E+04		
Anthracene	120-12-7	2.2E+04	N	4.8E+05	N	1.2E+02	A	1.2E+02	X DF 2	1.2E+02	X DF3	1.2E+02	X DF 3	NA	1.0E+06	1.0E+06
Antimony	7440-36-0	3.1E+01	N	8.2E+02	N	1.2E+01	L1	1.2E+01	L1	1.2E+01	L1	1.2E+01	L1	NA		
Arsenic	7440-38-2	1.2E+01	D	1.2E+01	D	1.0E+02	L	1.0E+02	L	1.0E+02	L	1.0E+02	L	NA		
Barium	7440-39-3	5.5E+03	N	1.4E+05	N	2.0E+03	L	2.0E+03	L	2.0E+03	L	2.0E+03	L	NA		
Benzene	71-43-2	1.5E+00	C	3.1E+00	C	5.1E-02	A	5.1E-02	X DF 2	1.1E-02	X DF3	1.3E-01	X DF 3	9.0E+02	1.0E+00	2.5E+00
Benz(a)anthracene	56-55-3	6.2E-01	C	2.9E+00	C	3.3E+02	A	3.9E+00	X DF 2	1.6E-02	X DF3	1.6E-02	X DF 3	NA		
Benzo(a)pyrene	50-32-8	3.3E-01	Q	3.3E-01	Q	2.3E+01	A	2.3E+01	X DF 2	2.3E+01	X DF3	2.3E+01	X DF 3	NA		
Benzo(b)fluoranthene	205-99-2	6.2E-01	C	2.9E+00	C	2.2E+02	A	1.3E+01	X DF 2	1.3E+01	G	1.3E+01	G	NA		
Benzo(k)fluoranthene	207-08-9	6.2E+00	C	2.9E+01	C	1.2E+02	A	1.2E+02	X DF 2	1.2E+02	G	1.2E+02	G	NA		
Beryllium	7440-41-7	1.6E+02	N	4.1E+03	N	8.0E+00	L1	8.0E+00	L1	8.0E+00	L1	8.0E+00	L1	NA		
Biphenyl,1,1-	92-52-4	2.9E+03	N	4.4E+04	N	1.9E+02	A	1.9E+02	X DF 2	1.4E+02	X DF3	1.7E+02	X DF 3	2.3E+02	4.6E+03	1.1E+04
Bis(2-chloroethyl)ether	111-44-4	3.3E-01	Q	1.1E+00	C	3.3E-01	Q	6.6E-02	F	3.3E-01	Q	2.4E-03	X DF 3	9.8E+03	7.6E+00	1.9E+01
Bis(2-chloroisopropyl)ether	108-60-1	4.9E+00	C	1.7E+01	C	8.0E-01	Q	2.7E-03	X DF 2	3.1E-03	X DF3	8.2E-03	X DF 3	8.4E+02	1.0E+00	5.5E+00
Bis(2-ethyl-hexyl)phthalate	117-81-7	3.5E+01	C	1.7E+02	C	7.9E+01	A	7.9E+01	X DF 2	7.9E+01	X DF3	7.9E+01	X DF 3	2.2E+02		
Bromodichloromethane	75-27-4	1.8E+00	C	4.2E+00	C	9.2E-01	A	9.2E-01	X DF 2	9.2E-01	G	3.0E-02	X DF 3	3.1E+03	8.2E-02	4.3E-01
Bromoform	75-25-2	4.8E+01	C	1.8E+02	C	1.8E+00	A	1.8E+00	X DF 2	6.9E-02	X DF3	6.1E-01	X DF 3	2.7E+03	1.4E+01	7.4E+01
Bromomethane	74-83-9	4.3E+00	N	3.0E+01	N	4.0E-02	A	3.5E-02	X DF 2	1.8E-01	X DF3	2.1E+00	X DF 3	3.0E+03	1.9E-01	6.4E-01
Butyl benzyl phthalate	85-68-7	1.2E+04	N	1.7E+05	N	4.4E+03	A	4.4E+03	X DF 2	1.5E+03	X DF3	1.7E+03	X DF 3	2.2E+02		
Cadmium	7440-43-9	3.9E+01	N	1.0E+03	N	2.0E+01	L	2.0E+01	L	2.0E+01	L	2.0E+01	L	NA		
Carbon Disulfide	75-15-0	3.6E+02	N	2.5E+03	N	1.1E+01	A	1.1E+01	X DF 2	2.9E+01	X DF3	1.5E+02	X DF 3	6.0E+02	9.2E-01	2.3E+00
Carbon Tetrachloride	56-23-5	5.3E-01	C	1.1E+00	C	1.1E-01	A	1.1E-01	X DF 2	5.0E-03	X DF3	2.7E-02	X DF 3	9.1E+02	2.6E-01	6.4E-01
Chlordane	57-74-9	1.6E+00	C	1.0E+01	C	1.2E+01	A	1.2E+01	X DF 2	1.2E+01	G	1.2E+01	G	NA		
Chloroaniline,p-	106-47-8	1.6E+02	N	1.7E+03	N	1.5E+00	A	1.5E+00	X DF 2	1.2E+00	X DF3	7.0E+00	X DF 3	NA		
Chlorobenzene	108-90-7	1.7E+02	N	1.2E+03	N	3.0E+00	A	3.0E+00	X DF 2	3.0E+00	X DF3	2.1E+01	X DF 3	7.0E+02	4.8E+02	1.2E+03
Chlorodibromomethane	124-48-1	2.2E+00	C	5.4E+00	C	1.0E+00	A	1.0E+00	X DF 2	3.9E-03	X DF3	5.1E-02	X DF 3	1.3E+03	2.0E-01	1.1E+00
Chloroethane (Ethylchloride)	75-00-3	4.1E+00	C	8.2E+00	C	3.5E-02	A	1.3E-02	X DF 2	4.4E+01	X DF3	4.3E+02	X DF 3	9.9E+02	3.7E+02	9.1E+02
Chloroform	67-66-3	4.4E-01	N	1.2E+00	C	9.0E-01	A	9.0E-01	X DF 2	4.8E-02	X DF3	6.3E-01	X DF 3	3.6E+03	4.1E-01	1.0E+00
Chloromethane	74-87-3	3.5E+00	C	7.3E+00	C	1.0E-01	Q	9.1E-03	X DF 2	1.5E-02	X DF3	2.2E-01	X DF 3	1.6E+03	1.2E+00	3.0E+00
Chloronaphthalene,2-	91-58-7	5.0E+03	N	8.3E+04	N	5.0E+02	A	5.0E+02	X DF 2	3.3E+02	X DF3	3.7E+02	X DF 3	NA	1.1E+05	3.6E+05
Chlorophenol,2-	95-57-8	1.5E+02	N	1.4E+03	N	1.4E+00	A	1.4E+00	X DF 2	4.6E-03	X DF3	5.8E+00	X DF 3	5.1E+04	1.7E+02	5.7E+02

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 2
MANAGEMENT OPTION 1
STANDARDS FOR SOIL
(mg/kg)

COMPOUND	CAS #	SOILni	NOTE	SOILi	NOTE	SOILGW1	NOTE	SOILGW2	NOTE	SOILGW3DW	NOTE	SOILGW3NDW	NOTE	SOILsat	SOILesni ⁺	SOILesi ⁺
Chromium(III)	16065-83-1	1.2E+05	N	1.0E+06	O	1.0E+02	L	1.0E+02	L	1.0E+02	L	1.0E+02	L	NA		
Chromium(VI)	18540-29-97	2.3E+02	N	6.1E+03	N	1.0E+02	L	1.0E+02	L	1.0E+02	L	1.0E+02	L	NA		
Chrysene	218-01-9	6.2E+01	C	2.9E+02	C	7.6E+01	A	7.6E+01	X DF 2	1.8E+00	X DF3	1.8E+00	X DF 3	NA		
Cobalt	7440-48-4	4.7E+03	N	1.2E+05	N	4.4E+03	L1	4.4E+03	L1	4.4E+03	L1	4.4E+03	L1	NA		
Copper	7440-50-8	3.1E+03	N	8.2E+04	N	1.5E+03	S	1.5E+03	S	1.5E+03	S	1.5E+03	S	NA		
Cyanide (free)	57-12-5	1.5E+03	N	3.6E+04	N	4.0E+02	L1	4.0E+02	L1	4.0E+02	L1	4.0E+02	L1	NA		
DDD	72-54-8	2.4E+00	C	1.6E+01	C	1.5E+00	A	1.5E+00	X DF 2	1.5E+00	G	1.5E+00	G	NA		
DDE	72-55-9	1.7E+00	C	1.1E+01	C	2.0E+00	A	2.0E+00	X DF 2	2.0E+00	G	2.0E+00	G	NA		
DDT	50-29-3	1.7E+00	C	1.2E+01	C	2.4E+01	A	1.6E+01	X DF 2	1.6E+01	G	1.6E+01	G	NA		
Dibenz(a,h)anthracene	53-70-3	3.3E-01	Q	3.3E-01	Q	5.4E+02	A	2.0E+00	X DF 2	2.0E+00	G	2.0E+00	G	NA		
Dibenzofuran	132-64-9	2.9E+02	N	6.5E+03	N	2.4E+01	A	2.4E+01	X DF 2	1.3E+01	X DF3	1.5E+01	X DF 3	1.5E+02	7.1E+04	2.4E+05
Dibromo-3-chloropropane,1,2-	96-12-8	3.5E-01	C	1.8E+00	C	1.0E-02	Q	2.6E-03	X DF 2	2.6E-03	X DF3	2.6E-03	X DF 3	7.8E+02		
Dichlorobenzene,1,2-	95-50-1	9.9E+02	N	7.4E+03	N	2.9E+01	A	2.9E+01	X DF 2	2.9E+01	X DF3	1.6E+02	X DF 3	3.8E+02	3.1E+02	1.1E+03
Dichlorobenzene,1,3-	541-73-1	2.1E+01	N	1.8E+02	N	2.1E+00	A	1.1E+00	X DF 2	3.8E+00	X DF3	9.2E+00	X DF 3	1.3E+03	1.3E+01	4.4E+01
Dichlorobenzene,1,4-	106-46-7	6.7E+00	C	1.6E+01	C	5.7E+00	A	5.7E+00	X DF 2	5.7E+00	X DF3	5.7E+00	X DF 3	NA	2.6E+03	6.5E+03
Dichlorobenzidine,3,3'-	91-94-1	9.7E-01	C	4.2E+00	C	1.8E+00	A	1.3E-02	X DF 2	1.1E-03	X DF3	1.4E-03	X DF 3	NA		
Dichloroethane,1,1'-	75-34-3	6.6E+02	N	4.7E+03	N	7.5E+00	A	7.5E+00	X DF 2	2.7E+01	X DF3	1.8E+02	X DF 3	2.3E+03	4.7E+01	1.6E+02
Dichloroethane,1,2'-	107-06-2	8.2E-01	C	1.8E+00	C	3.5E-02	A	3.5E-02	X DF 2	2.6E-03	X DF3	4.8E-02	X DF 3	3.0E+03	1.1E+00	2.6E+00
Dichloroethene,1,1'-	75-35-4	1.3E+02	N	9.1E+02	N	8.5E-02	A	8.5E-02	X DF 2	6.1E-04	X DF3	7.0E-03	X DF 3	1.4E+03	4.3E+00	1.5E+01
Dichloroethene,cis,1,2'-	156-59-2	4.8E+01	N	3.4E+02	N	4.9E-01	A	4.9E-01	X DF 2	4.9E-01	X DF3	1.2E+01	X DF 3	1.2E+03	3.4E+00	1.2E+01
Dichloroethene,trans,1,2'-	156-60-5	6.9E+01	N	4.8E+02	N	7.7E-01	A	7.7E-01	X DF 2	7.7E-01	X DF3	1.9E+01	X DF 3	2.4E+03	3.4E+00	1.2E+01
Dichlorophenol,2,4-	120-83-2	1.6E+02	N	2.0E+03	N	1.2E+01	A	1.2E+01	X DF 2	3.2E-02	X DF3	2.5E+01	X DF 3	NA		
Dichloropropane,1,2-	78-87-5	8.3E-01	C	1.8E+00	C	4.2E-02	A	4.2E-02	X DF 2	4.2E-02	X DF3	4.2E-02	X DF 3	1.2E+03	1.3E+03	3.1E+03
Dichloropropene,1,3-	542-75-6	3.1E+00	C	1.0E+01	C	4.0E-02	A	3.2E-03	X DF 2	8.0E-02	X DF3	1.3E+00	X DF 3	1.1E+03	3.1E+01	7.7E+01
Dieldrin	60-57-1	3.0E-02	C	1.5E-01	C	7.6E+00	A	7.6E+00	F	7.6E+00	H	7.6E+00	H	NA		
Diethylphthalate	84-66-2	3.6E+04	N	3.9E+05	N	3.6E+02	A	3.6E+02	X DF 2	1.6E+02	X DF3	2.8E+02	X DF 3	6.7E+02		
Dimethylphenol,2,4-	105-67-9	9.3E+02	N	1.1E+04	N	2.0E+01	A	2.0E+01	X DF 2	7.6E+00	X DF3	1.2E+01	X DF 3	NA		
Dimethylphthalate	131-11-3	4.2E+05	N	1.0E+06	O	2.8E+03	A	2.8E+03	X DF 2	1.6E+03	X DF3	4.3E+03	X DF 3	1.5E+03		
Di-n-octylphthalate	117-84-0	2.4E+03	N	3.5E+04	N	2.0E+05	A	2.0E+05	X DF 2	2.0E+05	X DF3	2.0E+05	X DF 3	1.0E+04		
Dinitrobenzene,1,3-	99-65-0	4.5E+00	N	5.0E+01	N	2.5E-01	Q	7.5E-02	X DF 2	6.4E-02	X DF3	5.7E-01	X DF 3	5.5E+02		
Dinitrophenol,2,4-	51-28-5	7.1E+01	N	6.9E+02	N	1.7E+00	Q	3.4E-01	X DF 2	2.8E-01	X DF3	2.3E+00	X DF 3	NA		
Dinitrotoluene,2,6-	606-20-2	4.3E+01	N	4.6E+02	N	3.9E-01	A	3.9E-01	X DF 2	3.1E-01	X DF3	1.8E+00	X DF 3	NA		
Dinitrotoluene,2,4-	121-14-2	8.9E+01	N	9.8E+02	N	1.0E+00	A	1.0E+00	X DF 2	7.9E-01	X DF3	4.1E+00	X DF 3	NA		
Dinoseb	88-85-7	4.7E+01	N	5.4E+02	N	1.4E-01	Q	1.2E-01	X DF 2	1.2E-01	X DF3	4.4E-01	X DF 3	NA		
Endosulfan	115-29-7	3.4E+02	N	4.5E+03	N	5.4E+01	A	5.4E+01	X DF 2	5.4E+01	G	1.6E-01	X DF 3	NA		

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 2
MANAGEMENT OPTION 1
STANDARDS FOR SOIL
(mg/kg)

COMPOUND	CAS #	SOILni	NOTE	SOILi	NOTE	SOILGW1	NOTE	SOILGW2	NOTE	SOILGW3DW	NOTE	SOILGW3NDW	NOTE	SOILsat	SOILesni*	SOILesi*
Endrin	72-20-8	1.8E+01	N	2.5E+02	N	2.6E+00	A	2.6E+00	X DF 2	3.4E-01	X DF3	3.4E-01	X DF 3	NA		
Ethyl benzene	100-41-4	1.6E+03	N	1.3E+04	N	1.9E+01	A	1.9E+01	X DF 2	6.6E+01	X DF3	2.2E+02	X DF 3	2.3E+02	1.9E+03	4.8E+03
Fluoranthene	206-44-0	2.2E+03	N	2.9E+04	N	1.2E+03	A	1.2E+03	X DF 2	1.8E+02	X DF3	1.9E+02	X DF 3	NA		
Fluorene	86-73-7	2.8E+03	N	5.4E+04	N	2.3E+02	A	2.3E+02	X DF 2	6.8E+01	X DF3	7.2E+01	X DF 3	NA	1.9E+05	6.4E+05
Heptachlor	76-44-8	1.6E-02	C	3.5E-02	C	5.0E-01	A	5.0E-01	X DF 2	5.0E-01	G	5.0E-01	G	NA		
Heptachlor epoxide	1024-57-3	5.3E-02	C	2.6E-01	C	2.0E+00	A	2.0E+00	X DF 2	2.0E+00	X DF3	2.0E+00	X DF 3	NA		
Hexachlorobenzene	118-74-1	3.4E-01	C	2.0E+00	C	9.6E+00	A	9.6E+00	X DF 2	9.6E+00	G	9.6E+00	G	NA	1.1E+02	2.6E+02
Hexachlorobutadiene	87-68-3	4.5E+00	C	1.6E+01	C	5.5E+00	A	5.5E+00	X DF 2	5.8E-01	X DF3	7.1E-01	X DF 3	1.0E+03		
Hexachlorocyclohexane,alpha	319-84-6	8.2E-02	C	4.4E-01	C	6.4E-03	A	2.2E-03	X DF 2	3.7E-04	X DF3	5.5E-04	X DF 3	NA		
Hexachlorocyclohexane,beta	319-85-7	2.9E-01	C	1.6E+00	C	1.6E-02	A	9.5E-03	X DF 2	1.3E-03	X DF3	1.7E-03	X DF 3	NA		
Hexachlorocyclohexane,gamma	58-89-9	3.9E-01	C	2.0E+00	C	3.3E-02	A	3.3E-02	X DF 2	1.8E-02	X DF3	3.3E-02	X DF 3	NA		
Hexachlorocyclopentadiene	77-47-4	1.4E+01	N	9.4E+01	N	1.2E+03	A	1.2E+03	X DF 2	1.2E+03	X DF3	1.2E+03	X DF 3	2.2E+03	4.6E+01	1.6E+02
Hexachloroethane	67-72-1	3.2E+01	C	1.4E+02	C	2.2E+00	A	1.7E-01	X DF 2	2.2E-01	X DF3	3.8E-01	X DF 3	NA	2.1E+03	5.2E+03
Indeno(1,2,3-cd)pyrene	193-39-5	6.2E-01	C	2.9E+00	C	9.2E+00	A	9.2E+00	X DF 2	9.2E+00	G	9.2E+00	G	NA		
Isobutyl alcohol	78-83-1	7.3E+03	N	6.2E+04	N	3.0E+01	A	3.0E+01	X DF 2	2.7E+01	X DF3	4.3E+02	X DF 3	1.2E+04		
Isophorone	78-59-1	3.4E+02	C	1.1E+03	C	5.6E-01	A	5.6E-01	X DF 2	2.7E-01	X DF3	2.6E+00	X DF 3	4.9E+03		
Lead (inorganic)	7439-92-1	4.0E+02	B	1.4E+03	B	1.0E+02	L	1.0E+02	L	1.0E+02	L	1.0E+02	L	NA		
Mercury (inorganic)	7487-94-7	2.3E+01	N	6.1E+02	N	4.0E+00	L	4.0E+00	L	4.0E+00	L	4.0E+00	L	NA		
Methoxychlor	72-43-5	3.0E+02	N	4.3E+03	N	3.8E+02	A	3.8E+02	X DF 2	3.8E+02	X DF3	3.8E+02	X DF 3	NA		
Methylene chloride	75-09-2	1.9E+01	C	4.4E+01	C	1.7E-02	A	1.7E-02	X DF 2	1.5E-02	X DF3	2.9E-01	X DF 3	2.2E+03	1.3E+01	3.2E+01
Methyl ethyl ketone	78-93-3	5.9E+03	N	4.4E+04	N	5.0E+00	A	5.0E+00	X DF 2	5.2E+01	X DF3	1.0E+03	X DF 3	2.9E+04	2.8E+04	6.9E+04
Methyl isobutyl ketone	108-10-1	4.5E+03	N	6.3E+04	N	6.4E+00	A	6.4E+00	X DF 2	8.3E+00	X DF3	9.7E+01	X DF 3	3.1E+03	5.7E+03	1.4E+04
Methylnaphthalene,2-	91-57-6	2.2E+02	N	1.7E+03	N	1.7E+00	A	1.7E+00	X DF 2	7.0E+00	X DF3	7.3E+00	X DF 3	NA	1.0E+03	3.5E+03
MTBE (methyl tert-butyl ether)	1634-04-4	6.5E+03	N	4.7E+04	N	7.7E-02	A	7.7E-02	X DF 2	7.7E-02	X DF3	2.1E+03	X DF 3	9.8E+03	8.0E+02	2.8E+03
Naphthalene	91-20-3	6.2E+01	N	4.3E+02	N	1.5E+00	A	9.0E-01	X DF 2	2.5E+01	X DF3	3.2E+01	X DF 3	NA	6.3E+01	2.2E+02
Nickel	7440-02-0	1.6E+03	N	4.1E+04	N	1.5E+03	L1	1.5E+03	L1	1.5E+03	L1	1.5E+03	L1	NA		
Nitrate	14797-55-8	1.3E+05	N	1.0E+06	O	2.0E+04	L1	2.0E+04	L1	2.0E+04	L1	2.0E+04	L1	NA		
Nitrite	14797-65-0	7.8E+03	N	2.0E+05	N	2.0E+03	L1	2.0E+03	L1	2.0E+03	L1	2.0E+03	L1	NA		
Nitroaniline,2-	88-74-4	1.7E+00	Q	5.2E+00	N	1.7E+00	Q	1.7E+00	Q	3.9E-01	X DF3	2.3E+00	X DF 3	2.8E+02	2.8E-01	9.5E-01
Nitroaniline,3-	99-09-2	1.3E+02	N	1.4E+03	N	1.7E+00	Q	8.5E-02	X DF 2	4.4E-01	X DF3	4.3E+00	X DF 3	2.8E+02	3.5E+02	1.2E+03
Nitroaniline,4-	100-01-6	1.0E+02	N	1.0E+03	N	1.7E+00	Q	4.3E-01	X DF 2	3.7E-01	X DF3	3.6E+00	X DF 3	1.4E+02		
Nitrobenzene	98-95-3	2.2E+01	N	2.5E+02	N	3.3E-01	Q	5.7E-02	X DF 2	2.5E-01	X DF3	1.6E+00	X DF 3	1.8E+03	3.2E+03	7.9E+03
Nitrophenol,4-	100-02-7	3.2E+02	N	3.3E+03	N	2.6E+00	A	2.6E+00	X DF 2	2.1E+00	X DF3	1.2E+01	X DF 3	5.4E+03		
Nitrosodi-n-propylamine,n-	621-64-7	3.3E-01	Q	3.3E-01	Q	3.3E-01	Q	5.3E-02	F	5.3E-02	H	3.3E-01	Q	NA		
N-nitrosodiphenylamine	86-30-6	9.0E+01	C	4.0E+02	C	2.1E+00	A	2.1E+00	X DF 2	3.5E-01	X DF3	5.1E-01	X DF 3	NA		

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 2
MANAGEMENT OPTION 1
STANDARDS FOR SOIL
(mg/kg)

COMPOUND	CAS #	SOILni	NOTE	SOILi	NOTE	SOILGW1	NOTE	SOILGW2	NOTE	SOILGW3DW	NOTE	SOILGW3NDW	NOTE	SOILsat	SOILesni*	SOILesi*
Pentachlorophenol	87-86-5	2.8E+00	C	9.7E+00	C	1.7E+00	Q	1.1E-01	X DF 2	1.1E-01	X DF3	1.1E-01	X DF 3	NA		
Phenanthrene	85-01-8	2.1E+04	N	4.3E+05	N	6.6E+02	A	6.6E+02	X DF 2	1.2E+02	X DF3	1.2E+02	X DF 3	NA	1.0E+06	1.0E+06
Phenol	108-95-2	1.3E+04	N	1.5E+05	N	1.1E+01	A	1.1E+01	X DF 2	5.5E+01	X DF3	4.9E+02	X DF 3	NA	3.5E+04	1.2E+05
Polychlorinated biphenyls	1336-36-3	2.1E-01	C	9.0E-01	C	1.9E+01	A	1.9E+01	X DF 2	1.9E+01	G	1.9E+01	G	5.7E+01		
Pyrene	129-00-0	2.3E+03	N	5.6E+04	N	1.1E+03	A	1.1E+03	X DF 2	1.1E+03	X DF3	1.1E+03	X DF 3	NA	1.0E+06	1.0E+06
Selenium	7782-49-2	3.9E+02	N	1.0E+04	N	2.0E+01	L	2.0E+01	L	2.0E+01	L	2.0E+01	L	NA		
Silver	7440-22-4	3.9E+02	N	1.0E+04	N	1.0E+02	L	1.0E+02	L	1.0E+02	L	1.0E+02	L	NA		
Styrene	100-42-5	5.0E+03	N	4.3E+04	N	1.1E+01	A	1.1E+01	X DF 2	1.1E+01	X DF3	7.9E+02	X DF 3	1.7E+03	2.3E+03	5.7E+03
Tetrachlorobenzene,1,2,4,5-	95-94-3	1.2E+01	N	1.2E+02	N	6.9E+00	A	6.9E+00	X DF 2	3.4E-01	X DF3	3.6E-01	X DF 3	1.9E+01		
Tetrachloroethane,1,1,1,2-	630-20-6	2.7E+00	C	5.9E+00	C	4.6E-02	A	3.9E-03	X DF 2	7.7E-03	X DF3	2.0E-02	X DF 3	5.0E+02	2.5E-02	6.3E-02
Tetrachloroethane,1,1,2,2-	79-34-5	8.1E-01	C	2.0E+00	C	6.0E-03	A	6.5E-04	X DF 2	1.9E-03	X DF3	2.2E-02	X DF 3	1.8E+03	3.3E+00	8.0E+00
Tetrachloroethylene	127-18-4	8.3E+00	C	3.5E+01	C	1.8E-01	A	1.8E-01	X DF 2	2.3E-02	X DF3	8.9E-02	X DF 3	3.6E+02	1.2E+01	2.9E+01
Tetrachlorophenol,2,3,4,6-	58-90-2	1.4E+03	N	1.7E+04	N	3.1E+01	A	3.1E+01	X DF 2	4.2E+00	X DF3	5.0E+00	X DF 3	1.4E+03		
Thallium	7440-28-0	5.5E+00	N	1.4E+02	N	4.0E+00	L1	4.0E+00	L1	4.0E+00	L1	4.0E+00	L1	NA		
Toluene	108-88-3	6.8E+02	N	4.7E+03	N	2.0E+01	A	2.0E+01	X DF 2	1.2E+02	X DF3	9.1E+02	X DF 3	5.2E+02	5.5E+01	1.4E+02
Toxaphene	8001-35-2	4.4E-01	C	2.2E+00	C	3.4E+01	A	3.4E+01	X DF 2	3.4E+01	G	3.4E+01	G	NA		
Trichlorobenzene,1,2,4-	120-82-1	6.6E+02	N	1.2E+04	N	1.4E+01	A	1.4E+01	X DF 2	1.4E+01	X DF3	3.8E+01	X DF 3	NA	3.9E+03	1.3E+04
Trichloroethane,1,1,1,-	71-55-6	8.2E+02	N	7.0E+03	N	4.0E+00	A	4.0E+00	X DF 2	4.0E+00	X DF3	1.8E+02	X DF 3	1.3E+03	6.2E+01	2.1E+02
Trichloroethane,1,1,2,-	79-00-5	1.9E+00	C	4.3E+00	C	5.8E-02	A	5.8E-02	X DF 2	6.5E-03	X DF3	8.0E-02	X DF 3	2.5E+03	4.1E+00	1.0E+01
Trichloroethene	79-01-6	1.0E-01	C	2.1E-01	C	7.3E-02	A	7.3E-02	X DF 2	4.1E-02	X DF3	3.0E-01	X DF 3	8.0E+02	4.2E+00	1.0E+01
Trichlorofluoromethane	75-69-4	3.8E+02	N	2.6E+03	N	3.7E+01	A	3.7E+01	X DF 2	2.0E+02	X DF3	5.8E+02	X DF 3	1.6E+03	9.9E+00	3.4E+01
Trichlorophenol,2,4,5-	95-95-4	5.3E+03	N	6.6E+04	N	3.2E+02	A	3.2E+02	X DF 2	4.7E+01	X DF3	5.6E+01	X DF 3	NA		
Trichlorophenol,2,4,6-	88-06-2	4.0E+01	C	1.7E+02	C	1.3E+00	A	7.9E-01	X DF 2	8.6E-02	X DF3	1.1E-01	X DF 3	NA		
Vanadium	7440-62-2	5.5E+02	N	1.4E+04	N	5.2E+02	L1	5.2E+02	L1	5.2E+02	L1	5.2E+02	L1	NA		
Vinyl chloride	75-01-4	2.4E-01	C	7.9E-01	C	1.3E-02	A	1.3E-02	X DF 2	1.3E-02	X DF3	2.4E-01	X DF 3	9.2E+02	1.1E-02	2.8E-02
Xylene(mixed)	1330-20-7	1.8E+02	N	1.2E+03	N	1.8E+02	A	1.8E+02	X DF 2	1.8E+02	X DF3	1.8E+02	X DF 3	1.5E+02	1.5E+01	5.1E+01
Zinc	7440-66-6	2.3E+04	N	6.1E+05	N	2.8E+03	S	2.8E+03	S	2.8E+03	S	2.8E+03	S	NA		
Aliphatics C6-C8	NA	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	NA	3.6E+02	8.9E+02
Aliphatics >C8-C10	NA	1.2E+03	N	8.8E+03	N	5.3E+03	A	5.3E+03	X DF2	1.0E+04	O,T	1.0E+04	O,T	NA	8.6E+01	2.1E+02
Aliphatics >C10-C12	NA	2.3E+03	N	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	NA	4.6E+02	1.1E+03
Aliphatics >C12-C16	NA	3.7E+03	N	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	NA	2.1E+03	5.2E+03
Aliphatics >C16-C35	NA	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	NA		
Aromatics >C8-C10	NA	6.5E+02	N	5.1E+03	N	6.5E+01	A	6.5E+01	X DF2	2.6E+02	X DF3	6.1E+03	X DF3	NA	1.5E+02	3.6E+02
Aromatics >C10-C12	NA	1.2E+03	N	1.0E+04	O,T	1.0E+02	A	1.0E+02	X DF2	4.1E+02	X DF3	9.6E+03	X DF3	NA	7.8E+02	1.9E+03
Aromatics >C12-C16	NA	1.8E+03	N	1.0E+04	O,T	2.0E+02	A	2.0E+02	X DF2	8.1E+02	X DF3	1.0E+04	O,T	NA	4.1E+03	1.0E+04

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 2
MANAGEMENT OPTION 1
STANDARDS FOR SOIL
(mg/kg)

COMPOUND	CAS #	SOILni	NOTE	SOILi	NOTE	SOILGW1	NOTE	SOILGW2	NOTE	SOILGW3DW	NOTE	SOILGW3NDW	NOTE	SOILsat	SOILesni*	SOILesi*
Aromatics >C16-C21	NA	1.5E+03	N	1.0E+04	O,T	2.1E+03	A	2.1E+03	X DF2	1.9E+03	X DF3	1.0E+04	O,T	NA		
Aromatics >C21-C35	NA	1.8E+03	N	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	NA		
TPH-GRO	NA	6.5E+02	N,I	5.1E+03	N,I	6.5E+01	A	6.5E+01	X DF2	2.6E+02	X DF3	6.1E+03	X DF3	NA	8.6E+01	2.1E+02
TPH-DRO	NA	6.5E+02	N,I	5.1E+03	N,I	6.5E+01	A	6.5E+01	X DF2	2.6E+02	X DF3	6.1E+03	X DF3	NA		
TPH-ORO	NA	1.8E+03	N,I	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	1.0E+04	O,T	NA		
A - Based on algorithm contained in Appendix H																
B - Based on EPA's biokinetic and adult lead cleanup level models for lead																
C - Based on carcinogenic health effects																
D - DEQ established background level plus one standard deviation = 11.5																
F - GW 2 soil water partition equation multiplied by maximum DF is less than SoilGW1 thus default to SoilGW 1																
G - GW 3 soil water partition equation multiplied by maximum DF is less than SoilGW2 thus default to SoilGW 2 and multiply by X DF 2																
H - GW 3 soil water partition equation multiplied by maximum DF is less than SoilGW2 thus default to GW 2 and do not multiply by DF 2																
I - TPH Standards are only applicable when used in conjunction with Standards for indicator compounds																
L - Soil level protective of groundwater for inorganic constituents based on leachability (TCLP listed)																
L1 - Soil level protective of groundwater for inorganic constituents based on GW 1 because TCLP value not listed																
N - Based on non-carcinogenic health effects																
NA - Not applicable																
O - Ceiling value based on aesthetic considerations																
Q - Based on analytical quantitation limit																
S - Soil level protective of groundwater for inorganic constituents based on the maximum concentration for the beneficial use of sewage sludge																
T - TPH shall not exceed 10,000																
X DF 2 - Multiply SOILGW2 by the appropriate site specific DF from the chart																
X DF 3 - Multiply SOILGW3DW or SOILGW3NDW by the appropriate site specific DF from the chart																
* The MO-1 SOILes is presented for screening purposes only; if the soil AOIC exceeds the MO-1 SOILes, then further assessment maybe warranted under MO-2 or MO-3.																

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 3
MANAGEMENT OPTION 1, 2, AND 3
STANDARDS FOR GROUNDWATER
(mg/l)

COMPOUND	CAS #	GW 1	NOTE	GW 2	NOTE	GW 3 DW	NOTE	GW 3 NDW	NOTE	S	Gwesni*	Gwesi*	Gwairni*	Gwairi*
Acenaphthene	83-32-9	3.7E-01	N	3.7E-01	X DF 2	4.3E-01	X DF 3	5.4E-01	X DF 3	4.2E+00	2.8E+03	9.6E+03	1.7E+05	2.4E+05
Acenaphthylene	208-96-8	3.7E-01	N	3.7E-01	X DF 2	5.6E-01	X DF 3	7.7E-01	X DF 3	1.6E+01	3.6E+03	1.2E+04	2.1E+05	3.0E+05
Acetone	67-64-1	6.1E-01	N	6.1E-01	X DF 2	3.3E+00	X DF 3	7.2E+01	X DF 3	1.0E+06	5.8E+03	2.0E+04	3.5E+05	4.8E+05
Aldrin	309-00-2	1.9E-03	Q	1.9E-03	F	1.9E-03	G	1.9E-03	G	1.8E-01				
Aniline	62-53-3	1.2E-02	C	1.2E-02	X DF 2	5.7E-03	X DF 3	8.0E-02	X DF 3	3.6E+04				
Anthracene	120-12-7	1.8E+00	N	1.8E+00	X DF 2	1.1E-01	X DF 3	1.1E-01	X DF 3	4.3E-02	3.7E+04	1.3E+05	1.0E+06	1.0E+06
Antimony	7440-36-0	6.0E-03	MCL	6.0E-03	X DF 2	6.0E-03	X DF 3	2.6E-01	X DF 3	NA				
Arsenic	7440-38-2	1.0E-02	MCL	1.0E-02	X DF 2	5.0E-02	X DF 3	5.0E-02	X DF 3	NA				
Barium	7440-39-3	2.0E+00	MCL	2.0E+00	X DF 2	2.0E+00	X DF 3	4.5E+01	X DF 3	NA				
Benzene	71-43-2	5.0E-03	MCL	5.0E-03	X DF 2	1.1E-03	X DF 3	1.3E-02	X DF 3	1.8E+03	2.9E+00	7.2E+00	3.9E+02	3.9E+02
Benz(a)anthracene	56-55-3	7.8E-03	Q	9.1E-05	X DF 2	3.8E-07	X DF 3	3.8E-07	X DF 3	9.4E-03				
Benzo(a)pyrene	50-32-8	2.0E-04	MCL	2.0E-04	X DF 2	2.0E-04	X DF 3	2.0E-04	X DF 3	1.6E-03				
Benzo(b)fluoranthene	205-99-2	4.8E-03	Q	9.1E-05	X DF 2	9.1E-05	H	9.1E-05	H	1.5E-03				
Benzo(k)fluoranthene	207-08-9	2.5E-03	Q	9.1E-04	X DF 2	9.1E-04	H	9.1E-04	H	8.0E-04				
Beryllium	7440-41-7	4.0E-03	MCL	4.0E-03	X DF 2	4.0E-03	X DF 3	3.0E-01	X DF 3	NA				
Biphenyl, 1,1-	92-52-4	3.0E-01	N	3.0E-01	X DF 2	2.3E-01	X DF 3	2.7E-01	X DF 3	7.5E+00	1.7E+02	4.2E+02	1.1E+04	1.1E+04
Bis(2-chloroethyl)ether	111-44-4	5.7E-03	Q	5.7E-03	F	2.8E-05	X DF 3	2.1E-04	X DF 3	1.7E+04	1.5E+01	3.7E+01	8.8E+02	8.8E+02
Bis(2-chloroisopropyl)ether	108-60-1	5.7E-03	Q	2.7E-04	X DF 2	3.1E-04	X DF 3	8.3E-04	X DF 3	1.7E+03	2.4E+00	1.3E+01	1.4E+02	3.1E+02
Bis(2-ethyl-hexyl)phthalate	117-81-7	6.0E-03	MCL	6.0E-03	X DF 2	6.0E-03	X DF 3	6.0E-03	X DF 3	3.4E-01				
Bromodichloromethane	75-27-4	1.0E-01	MCL	1.0E-01	X DF 2	1.0E-01	H	3.3E-03	X DF 3	6.7E+03	2.1E-01	1.1E+00	1.4E+01	3.0E+01
Bromoform	75-25-2	1.0E-01	MCL	1.0E-01	X DF 2	3.9E-03	X DF 3	3.5E-02	X DF 3	3.1E+03	1.8E+01	9.5E+01	1.1E+03	2.3E+03
Bromomethane	74-83-9	1.0E-02	Q	8.7E-03	X DF 2	4.5E-02	X DF 3	5.3E-01	X DF 3	1.5E+04	1.3E+00	4.5E+00	1.5E+02	2.1E+02
Butyl benzyl phthalate	85-68-7	7.3E+00	N	7.3E+00	X DF 2	9.1E-01	X DF 3	1.0E+00	X DF 3	2.7E+00				
Cadmium	7440-43-9	5.0E-03	MCL	5.0E-03	X DF 2	1.0E-02	X DF 3	1.0E-02	X DF 3	NA				
Carbon Disulfide	75-15-0	1.0E+00	N	1.0E+00	X DF 2	2.8E+00	X DF 3	1.5E+01	X DF 3	1.2E+03	5.3E+00	1.3E+01	1.3E+03	1.3E+03
Carbon Tetrachloride	56-23-5	5.0E-03	MCL	5.0E-03	X DF 2	2.2E-04	X DF 3	1.2E-03	X DF 3	7.9E+02	6.1E-01	1.5E+00	1.4E+02	1.4E+02
Chlordane	57-74-9	2.0E-03	MCL	2.0E-03	X DF 2	2.0E-03	H	2.0E-03	H	5.6E-02				
Chloroaniline,p-	106-47-8	1.5E-01	N	1.5E-01	X DF 2	1.2E-01	X DF 3	6.7E-01	X DF 3	5.3E+03				
Chlorobenzene	108-90-7	1.0E-01	MCL	1.0E-01	X DF 2	1.0E-01	X DF 3	7.1E-01	X DF 3	4.7E+02	4.4E+02	1.1E+03	4.9E+04	4.9E+04
Chlorodibromomethane	124-48-1	1.0E-01	MCL	1.0E-01	X DF 2	3.9E-04	X DF 3	5.1E-03	X DF 3	2.6E+03	4.5E-01	2.4E+00	2.8E+01	5.9E+01
Chloroethane (Ethylchloride)	75-00-3	1.0E-02	Q	3.8E-03	X DF 2	1.3E+01	X DF 3	1.2E+02	X DF 3	5.7E+03	5.1E+03	1.3E+04	1.1E+06	1.1E+06
Chloroform	67-66-3	1.0E-01	MCL	1.0E-01	X DF 2	5.3E-03	X DF 3	7.0E-02	X DF 3	7.9E+03	1.3E+00	3.1E+00	1.5E+02	1.5E+02
Chloromethane	74-87-3	1.0E-02	Q	1.5E-03	X DF 2	2.5E-03	X DF 3	3.7E-02	X DF 3	5.3E+03	9.0E+00	2.2E+01	1.9E+02	1.9E+03
Chloronaphthalene,2-	91-58-7	4.9E-01	N	4.9E-01	X DF 2	3.2E-01	X DF 3	3.6E-01	X DF 3	1.2E+01	2.3E+03	8.0E+03	1.4E+05	2.0E+05
Chlorophenol,2-	95-57-8	3.0E-02	N	3.0E-02	X DF 2	1.0E-04	X DF 3	1.3E-01	X DF 3	2.2E+04	8.2E+01	2.8E+02	5.2E+03	7.2E+03

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 3
MANAGEMENT OPTION 1, 2, AND 3
STANDARDS FOR GROUNDWATER
(mg/l)

COMPOUND	CAS #	GW 1	NOTE	GW 2	NOTE	GW 3 DW	NOTE	GW 3 NDW	NOTE	S	Gwesni*	Gwesi*	Gwairni*	Gwairi*
Chromium(III)	16065-83-1	1.0E-01	MCL	1.0E-01	X DF 2	5.0E-02	X DF 3	9.6E+02	X DF 3	NA				
Chromium(VI)	18540-29-97	1.0E-01	MCL	1.0E-01	X DF 2	5.0E-02	X DF 3	1.9E+00	X DF 3	NA				
Chrysene	218-01-9	9.1E-03	C	9.1E-03	X DF 2	3.8E-05	X DF 3	3.8E-05	X DF 3	1.6E-03				
Cobalt	7440-48-4	2.2E+00	N	2.2E+00	X DF 2	2.0E+00	X DF 3	3.9E+01	X DF 3	NA				
Copper	7440-50-8	1.3E+00	MCL	1.3E+00	X DF 2	1.0E+00	X DF 3	1.3E+00	X DF 3	NA				
Cyanide (free)	57-12-5	2.0E-01	MCL	2.0E-01	X DF 2	6.6E-01	X DF 3	1.3E+01	X DF 3	NA				
DDD	72-54-8	2.8E-04	C	2.8E-04	X DF 2	2.8E-04	H	2.8E-04	H	9.0E-02				
DDE	72-55-9	2.0E-04	C	2.0E-04	X DF 2	2.0E-04	H	2.0E-04	H	1.2E-01				
DDT	50-29-3	3.0E-04	Q	2.0E-04	X DF 2	2.0E-04	H	2.0E-04	H	2.5E-02				
Dibenz(a,h)anthracene	53-70-3	2.5E-03	Q	9.1E-06	X DF 2	9.1E-06	H	9.1E-06	H	2.5E-03				
Dibenzofuran	132-64-9	2.4E-02	N	2.4E-02	X DF 2	1.4E-02	X DF 3	1.5E-02	X DF 3	3.1E+00	1.6E+03	5.6E+03	9.6E+04	1.3E+05
Dibromo-3-chloropropane,1,2-	96-12-8	2.0E-04	MCL	2.0E-04	X DF 2	2.0E-04	X DF 3	2.0E-04	X DF 3	1.2E+03				
Dichlorobenzene,1,2-	95-50-1	6.0E-01	MCL	6.0E-01	X DF 2	6.0E-01	X DF 3	3.4E+00	X DF 3	1.6E+02	1.6E+02	5.5E+02	1.4E+04	2.0E+04
Dichlorobenzene,1,3-	541-73-1	1.0E-02	Q	5.5E-03	X DF 2	1.8E-02	X DF 3	4.5E-02	X DF 3	1.3E+02	1.7E+00	5.8E+00	1.8E+02	2.5E+02
Dichlorobenzene,1,4-	106-46-7	7.5E-02	MCL	7.5E-02	X DF 2	7.5E-02	X DF 3	7.5E-02	X DF 3	7.4E+01	8.8E+02	2.2E+03	8.4E+04	8.4E+04
Dichlorobenzidine,3,3'-	91-94-1	2.0E-02	Q	1.5E-04	X DF 2	1.3E-05	X DF 3	1.5E-05	X DF 3	3.1E+00				
Dichloroethane,1,1-	75-34-3	8.1E-01	N	8.1E-01	X DF 2	3.0E+00	X DF 3	1.9E+01	X DF 3	5.1E+03	1.4E+02	4.9E+02	1.7E+04	2.4E+04
Dichloroethane,1,2-	107-06-2	5.0E-03	MCL	5.0E-03	X DF 2	3.6E-04	X DF 3	6.8E-03	X DF 3	8.5E+03	3.6E+00	8.9E+00	2.8E+02	2.8E+02
Dichloroethene,1,1-	75-35-4	7.0E-03	MCL	7.0E-03	X DF 2	5.0E-05	X DF 3	5.8E-04	X DF 3	2.3E+03	1.8E+01	6.2E+01	4.0E+03	5.6E+03
Dichloroethene,cis,1,2-	156-59-2	7.0E-02	MCL	7.0E-02	X DF 2	7.0E-02	X DF 3	1.7E+00	X DF 3	3.5E+03	1.3E+01	4.5E+01	1.3E+03	1.9E+03
Dichloroethene,trans,1,2-	156-60-5	1.0E-01	MCL	1.0E-01	X DF 2	1.0E-01	X DF 3	2.5E+00	X DF 3	6.3E+03	1.4E+01	4.7E+01	1.9E+03	2.6E+03
Dichlorophenol,2,4-	120-83-2	1.1E-01	N	1.1E-01	X DF 2	3.0E-04	X DF 3	2.3E-01	X DF 3	4.5E+03				
Dichloropropane,1,2-	78-87-5	5.0E-03	MCL	5.0E-03	X DF 2	5.0E-03	X DF 3	5.0E-03	X DF 3	2.8E+03	4.0E+03	9.8E+03	4.0E+05	4.0E+05
Dichloropropene,1,3-	542-75-6	5.0E-03	Q	3.9E-04	X DF 2	9.9E-03	X DF 3	1.6E-01	X DF 3	2.8E+03	9.3E+01	2.3E+02	7.4E+03	7.4E+03
Dieldrin	60-57-1	2.5E-03	Q	2.5E-03	F	2.5E-03	G	2.5E-03	G	2.0E-01				
Diethylphthalate	84-66-2	2.9E+01	N	2.9E+01	X DF 2	1.3E+01	X DF 3	2.3E+01	X DF 3	1.1E+03				
Dimethylphenol,2,4-	105-67-9	7.3E-01	N	7.3E-01	X DF 2	2.8E-01	X DF 3	4.5E-01	X DF 3	7.9E+03				
Dimethylphthalate	131-11-3	3.7E+02	N	3.7E+02	X DF 2	2.2E+02	X DF 3	5.7E+02	X DF 3	4.0E+03				
Di-n-octylphthalate	117-84-0	1.5E+00	N	1.5E+00	X DF 2	6.4E-01	X DF 3	1.2E+00	X DF 3	2.0E-02				
Dinitrobenzene,1,3-	99-65-0	1.0E-02	Q	3.7E-03	X DF 2	3.1E-03	X DF 3	2.8E-02	X DF 3	5.3E+02				
Dinitrophenol,2,4-	51-28-5	7.3E-02	N	7.3E-02	X DF 2	6.1E-02	X DF 3	5.0E-01	X DF 3	2.8E+03				
Dinitrotoluene,2,6-	606-20-2	3.7E-02	N	3.7E-02	X DF 2	2.9E-02	X DF 3	1.7E-01	X DF 3	1.8E+02				
Dinitrotoluene,2,4-	121-14-2	7.3E-02	N	7.3E-02	X DF 2	5.6E-02	X DF 3	2.9E-01	X DF 3	2.7E+02				
Dinoseb	88-85-7	7.0E-03	MCL	7.0E-03	X DF 2	7.0E-03	X DF 3	2.5E-02	X DF 3	5.2E+01				
Endosulfan	115-29-7	2.2E-01	N	2.2E-01	X DF 2	2.2E-01	H	6.4E-04	X DF 3	5.1E-01				

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 3
MANAGEMENT OPTION 1, 2, AND 3
STANDARDS FOR GROUNDWATER
(mg/l)

COMPOUND	CAS #	GW 1	NOTE	GW 2	NOTE	GW 3 DW	NOTE	GW 3 NDW	NOTE	S	Gwesni*	Gwesi*	Gwairni*	Gwairi*
Endrin	72-20-8	2.0E-03	MCL	2.0E-03	X DF 2	2.6E-04	X DF 3	2.6E-04	X DF 3	2.5E-01				
Ethyl benzene	100-41-4	7.0E-01	MCL	7.0E-01	X DF 2	2.4E+00	X DF 3	8.1E+00	X DF 3	1.7E+02	2.3E+03	5.7E+03	3.6E+05	3.6E+05
Fluoranthene	206-44-0	1.5E+00	N	1.5E+00	X DF 2	3.1E-02	X DF 3	3.2E-02	X DF 3	2.1E-01				
Fluorene	86-73-7	2.4E-01	N	2.4E-01	X DF 2	7.4E-02	X DF 3	7.8E-02	X DF 3	2.0E+00	4.5E+03	1.6E+04	2.7E+05	3.8E+05
Heptachlor	76-44-8	4.0E-04	MCL	4.0E-04	X DF 2	4.0E-04	H	4.0E-04	H	1.8E-01				
Heptachlor epoxide	1024-57-3	2.0E-04	MCL	2.0E-04	X DF 2	2.0E-04	X DF 3	2.0E-04	X DF 3	2.0E-01				
Hexachlorobenzene	118-74-1	1.0E-03	MCL	1.0E-03	X DF 2	1.0E-03	H	1.0E-03	H	6.2E+00	2.7E-01	6.7E-01	2.2E+01	2.2E+01
Hexachlorobutadiene	87-68-3	8.5E-04	C	8.5E-04	X DF 2	9.0E-05	X DF 3	1.1E-04	X DF 3	3.2E+00				
Hexachlorocyclohexane, alpha	319-84-6	3.0E-05	Q	1.1E-05	X DF 2	1.8E-06	X DF 3	2.6E-06	X DF 3	2.0E+00				
Hexachlorocyclohexane, beta	319-85-7	6.0E-05	Q	3.7E-05	X DF 2	4.9E-06	X DF 3	6.5E-06	X DF 3	2.4E-01				
Hexachlorocyclohexane, gamma	58-89-9	2.0E-04	MCL	2.0E-04	X DF 2	1.1E-04	X DF 3	2.0E-04	X DF 3	6.8E+00				
Hexachlorocyclopentadiene	77-47-4	5.0E-02	MCL	5.0E-02	X DF 2	5.0E-02	X DF 3	5.0E-02	X DF 3	1.8E+00	6.0E-02	2.1E-01	8.5E+00	1.2E+01
Hexachloroethane	67-72-1	1.0E-02	Q	7.9E-04	X DF 2	1.0E-03	X DF 3	1.7E-03	X DF 3	5.0E+00	2.2E+02	5.5E+02	1.4E+04	1.4E+04
Indeno(1,2,3-cd)pyrene	193-39-5	3.7E-03	Q	9.1E-05	X DF 2	9.1E-05	H	9.1E-05	H	2.2E-05				
Isobutyl alcohol	78-83-1	1.1E+01	N	1.1E+01	X DF 2	9.8E+00	X DF 3	1.6E+02	X DF 3	8.5E+04				
Isophorone	78-59-1	7.0E-02	C	7.0E-02	X DF 2	3.3E-02	X DF 3	3.2E-01	X DF 3	1.2E+04				
Lead (inorganic)	7439-92-1	1.5E-02	MCL	1.5E-02	X DF 2	5.0E-02	X DF 3	5.0E-02	X DF 3	NA				
Mercury (inorganic)	7487-94-7	2.0E-03	MCL	2.0E-03	X DF 2	2.0E-03	X DF 3	2.0E-03	X DF 3	NA				
Methoxychlor	72-43-5	4.0E-02	MCL	4.0E-02	X DF 2	4.0E-02	X DF 3	4.0E-02	X DF 3	4.5E-02				
Methylene chloride	75-09-2	5.0E-03	MCL	5.0E-03	X DF 2	4.4E-03	X DF 3	8.7E-02	X DF 3	1.3E+04	9.8E+01	2.4E+02	9.0E+03	9.0E+03
Methyl ethyl ketone	78-93-3	1.9E+00	N	1.9E+00	X DF 2	2.0E+01	X DF 3	3.9E+02	X DF 3	2.2E+05	2.4E+05	5.9E+05	1.0E+06	1.0E+06
Methyl isobutyl ketone	108-10-1	2.0E+00	N	2.0E+00	X DF 2	2.6E+00	X DF 3	3.0E+01	X DF 3	1.9E+04	4.0E+04	9.9E+04	1.0E+06	1.0E+06
Methylnaphthalene,2-	91-57-6	6.2E-03	N	6.2E-03	X DF 2	2.6E-02	X DF 3	2.7E-02	X DF 3	2.5E+01	8.4E+01	2.9E+02	5.0E+03	7.0E+03
MTBE (methyl tert-butyl ether)	1634-04-4	2.0E-02	T/O	2.0E-02	X DF 2	2.0E-02	X DF 3	5.5E+02	X DF 3	5.1E+04	4.8E+03	1.7E+04	3.4E+05	4.7E+05
Naphthalene	91-20-3	1.0E-02	Q	6.2E-03	X DF 2	1.7E-01	X DF 3	2.2E-01	X DF 3	3.1E+01	1.0E+01	3.5E+01	6.6E+02	9.3E+02
Nickel	7440-02-0	7.3E-01	N	7.3E-01	X DF 2	6.7E-01	X DF 3	1.3E+01	X DF 3	NA				
Nitrate	14797-55-8	1.0E+01	MCL	1.0E+01	X DF 2	1.0E+01	X DF 3	1.0E+03	X DF 3	NA				
Nitrite	14797-65-0	1.0E+00	MCL	1.0E+00	X DF 2	1.0E+00	X DF 3	6.4E+01	X DF 3	NA				
Nitroaniline,2-	88-74-4	5.0E-02	Q	2.1E-04	X DF 2	8.7E-02	X DF 3	5.0E-01	X DF 3	1.3E+03	1.4E+00	4.7E+00	8.3E+01	1.2E+02
Nitroaniline,3-	99-09-2	5.0E-02	Q	1.8E-02	X DF 2	9.4E-02	X DF 3	9.3E-01	X DF 3	1.2E+03	1.7E+03	5.9E+03	1.0E+05	1.4E+05
Nitroaniline,4-	100-01-6	1.1E-01	N	1.1E-01	X DF 2	9.4E-02	X DF 3	9.3E-01	X DF 3	7.3E+02				
Nitrobenzene	98-95-3	3.4E-03	N	3.4E-03	X DF 2	1.5E-02	X DF 3	9.6E-02	X DF 3	2.1E+03	4.3E+03	1.1E+04	2.6E+05	2.6E+05
Nitrophenol,4-	100-02-7	2.9E-01	N	2.9E-01	X DF 2	2.3E-01	X DF 3	1.3E+00	X DF 3	1.2E+04				
Nitrosodi-n-propylamine,n-	621-64-7	1.0E-02	Q	1.0E-02	F	1.0E-02	G	4.4E-05	X DF 3	9.9E+03				
N-nitrosodiphenylamine	86-30-6	1.4E-02	C	1.4E-02	X DF 2	2.2E-03	X DF 3	3.2E-03	X DF 3	3.5E+01				

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LDEQ RECAP TABLE 3
MANAGEMENT OPTION 1, 2, AND 3
STANDARDS FOR GROUNDWATER
(mg/l)

COMPOUND	CAS #	GW 1	NOTE	GW 2	NOTE	GW 3 DW	NOTE	GW 3 NDW	NOTE	S	Gwesni*	Gwesi*	Gwairni*	Gwairi*
Pentachlorophenol	87-86-5	1.0E-03	MCL	1.0E-03	X DF 2	1.0E-03	X DF 3	1.0E-03	X DF 3	2.0E+03				
Phenanthrene	85-01-8	1.8E+00	N	1.8E+00	X DF 2	2.0E-01	X DF 3	2.1E-01	X DF 3	1.2E+00	7.3E+04	2.5E+05	1.0E+06	1.0E+06
Phenol	108-95-2	1.8E+00	N	1.8E+00	X DF 2	9.3E+00	X DF 3	8.3E+01	X DF 3	8.3E+04	1.3E+05	1.0E+06	1.0E+06	1.0E+06
Polychlorinated biphenyls	1336-36-3	5.0E-04	MCL	5.0E-04	X DF 2	5.0E-04	H	5.0E-04	H	3.1E-02				
Pyrene	129-00-0	1.8E-01	N	1.8E-01	X DF 2	6.1E-01	X DF 3	1.4E+00	X DF 3	1.4E-01	1.2E+04	4.0E+04	6.8E+05	9.5E+05
Selenium	7782-49-2	5.0E-02	MCL	5.0E-02	X DF 2	5.0E-02	X DF 3	5.0E-02	X DF 3	NA				
Silver	7440-22-4	1.8E-01	N	1.8E-01	X DF 2	1.3E-01	X DF 3	5.4E-01	X DF 3	NA				
Styrene	100-42-5	1.0E-01	MCL	1.0E-01	X DF 2	1.0E-01	X DF 3	7.1E+00	X DF 3	3.1E+02	5.4E+02	1.3E+03	5.4E+04	5.4E+04
Tetrachlorobenzene,1,2,4,5-	95-94-3	1.1E-02	N	1.1E-02	X DF 2	5.4E-04	X DF 3	5.7E-04	X DF 3	6.0E-01				
Tetrachloroethane,1,1,1,2-	630-20-6	5.0E-03	Q	4.3E-04	X DF 2	8.4E-04	X DF 3	2.2E-03	X DF 3	1.1E+03	7.2E-02	1.8E-01	6.9E+00	6.9E+00
Tetrachloroethane,1,1,2,2-	79-34-5	5.0E-04	Q	5.5E-05	X DF 2	1.6E-04	X DF 3	1.8E-03	X DF 3	3.0E+03	6.2E+00	1.5E+01	4.1E+02	4.1E+02
Tetrachloroethylene	127-18-4	5.0E-03	MCL	5.0E-03	X DF 2	6.5E-04	X DF 3	2.5E-03	X DF 3	2.0E+02	1.5E+01	3.6E+01	3.0E+03	3.0E+03
Tetrachlorophenol,2,3,4,6-	58-90-2	1.1E+00	N	1.1E+00	X DF 2	1.5E-01	X DF 3	1.8E-01	X DF 3	1.0E+03				
Thallium	7440-28-0	2.0E-03	MCL	2.0E-03	X DF 2	2.0E-03	X DF 3	2.0E-03	X DF 3	NA				
Toluene	108-88-3	1.0E+00	MCL	1.0E+00	X DF 2	6.1E+00	X DF 3	4.6E+01	X DF 3	5.3E+02	8.9E+01	2.2E+02	1.3E+04	1.3E+04
Toxaphene	8001-35-2	3.0E-03	MCL	3.0E-03	X DF 2	3.0E-03	H	3.0E-03	H	7.4E-01				
Trichlorobenzene,1,2,4-	120-82-1	7.0E-02	MCL	7.0E-02	X DF 2	7.0E-02	X DF 3	1.9E-01	X DF 3	3.0E+02	4.5E+02	1.6E+03	3.1E+04	4.3E+04
Trichloroethane,1,1,1,-	71-55-6	2.0E-01	MCL	2.0E-01	X DF 2	2.0E-01	X DF 3	9.1E+00	X DF 3	1.3E+03	1.3E+02	4.6E+02	2.7E+04	3.7E+04
Trichloroethane,1,1,2,-	79-00-5	5.0E-03	MCL	5.0E-03	X DF 2	5.6E-04	X DF 3	6.9E-03	X DF 3	4.4E+03	8.4E+00	2.1E+01	6.2E+02	6.2E+02
Trichloroethene	79-01-6	5.0E-03	MCL	5.0E-03	X DF 2	2.8E-03	X DF 3	2.1E-02	X DF 3	1.1E+03	1.0E+01	2.5E+01	1.7E+03	1.7E+03
Trichlorofluoromethane	75-69-4	1.3E+00	N	1.3E+00	X DF 2	6.9E+00	X DF 3	2.0E+01	X DF 3	1.1E+03	3.1E+01	1.1E+02	8.7E+03	1.2E+04
Trichlorophenol,2,4,5-	95-95-4	3.7E+00	N	3.7E+00	X DF 2	5.4E-01	X DF 3	6.4E-01	X DF 3	1.2E+03				
Trichlorophenol,2,4,6-	88-06-2	1.0E-02	Q	6.0E-03	X DF 2	6.5E-04	X DF 3	8.2E-04	X DF 3	8.0E+02				
Vanadium	7440-62-2	2.6E-01	N	2.6E-01	X DF 2	2.3E-01	X DF 3	4.5E+00	X DF 3	NA				
Vinyl chloride	75-01-4	2.0E-03	MCL	2.0E-03	X DF 2	1.9E-03	X DF 3	3.6E-02	X DF 3	2.8E+03	2.0E-01	4.9E-01	6.0E+01	6.0E+01
Xylene(mixed)	1330-20-7	1.0E+01	MCL	1.0E+01	X DF 2	1.0E+01	X DF 3	1.0E+01	X DF 3	1.6E+02	2.6E+01	8.9E+01	3.9E+03	5.4E+03
Zinc	7440-66-6	1.1E+01	N	1.1E+01	X DF 2	5.0E+00	X DF 3	8.0E+00	X DF 3	NA				
Aliphatics C6-C8	NA	3.2E+01	N	3.2E+01	X DF 2	1.7E+02	X DF 3	3.9E+03	X DF 3	NA	9.2E+01	2.3E+02	2.9E+04	2.9E+04
Aliphatics >C8-C10	NA	1.3E+00	N	1.3E+00	X DF 2	3.4E+00	X DF 3	7.9E+01	X DF 3	NA	3.2E+00	7.9E+00	1.0E+03	1.0E+03
Aliphatics >C10-C12	NA	1.4E+00	N	1.4E+00	X DF 2	3.4E+00	X DF 3	7.9E+01	X DF 3	NA	2.2E+00	5.5E+00	7.0E+02	7.0E+02
Aliphatics >C12-C16	NA	1.4E+00	N	1.4E+00	X DF 2	3.4E+00	X DF 3	7.9E+01	X DF 3	NA	5.3E-01	1.3E+00	1.6E+02	1.6E+02
Aliphatics >C16-C35	NA	7.3E+01	N	7.3E+01	X DF 2	6.7E+01	X DF 3	1.6E+03	X DF 3	NA				
Aromatics >C8-C10	NA	3.4E-01	N	3.4E-01	X DF 2	1.3E+00	X DF 3	3.1E+01	X DF 3	NA	2.9E+01	7.1E+01	5.3E+03	5.3E+03
Aromatics >C10-C12	NA	3.4E-01	N	3.4E-01	X DF 2	1.3E+00	X DF 3	3.1E+01	X DF 3	NA	7.1E+01	1.8E+02	8.1E+03	8.1E+03
Aromatics >C12-C16	NA	3.4E-01	N	3.4E-01	X DF 2	1.3E+00	X DF 3	3.1E+01	X DF 3	NA	1.7E+02	4.1E+02	1.4E+04	1.4E+04

NOTE: See end of Table for designation of letter symbols and footnotes.

LDEQ RECAP TABLE 3
MANAGEMENT OPTION 1, 2, AND 3
STANDARDS FOR GROUNDWATER
(mg/l)

COMPOUND	CAS #	GW 1	NOTE	GW 2	NOTE	GW 3 DW	NOTE	GW 3 NDW	NOTE	S	Gwesni*	Gwesi*	Gwairni*	Gwairi*
Aromatics >C16-C21	NA	1.1E+00	N	1.1E+00	X DF 2	1.0E+00	X DF 3	2.4E+01	X DF 3	NA				
Aromatics >C21-C35	NA	1.1E+00	N	1.1E+00	X DF 2	1.0E+00	X DF 3	2.4E+01	X DF 3	NA				
TPH-GRO	NA	3.4E-01	N,I	3.4E-01	X DF2	1.3E+00	X DF3	3.1E+01	X DF3	NA	3.2E+00	7.9E+00	1.0E+03	1.0E+03
TPH-DRO	NA	3.4E-01	N,I	3.4E-01	X DF2	1.0E+00	X DF3	2.4E+01	X DF3	NA				
TPH-ORO	NA	1.1E+00	N,I	1.1E+00	X DF2	1.0E+00	X DF3	2.4E+01	X DF3	NA				
C - Based on carcinogenic health effects														
F - GW 2 multiplied by maximum DF is less than GW 1 thus default to GW 1														
G - GW 3 multiplied by maximum DF is less than GW 2 thus default to GW 2 and do not multiply by DF 2														
H - GW 3 multiplied by maximum DF is less than GW 2 thus default to GW 2 and multiply by DF 2														
I - TPH Standards are only applicable when used in conjunction with Standards for indicator compounds														
MCL - Based on EPA's Maximum Contaminant Level (MCL) for drinking water														
N - Based on non-carcinogenic health effects														
NA - Not applicable														
Q - Based on analytical quantitation limit														
X DF 2 - Multiply GW 2 by the appropriate site specific dilution factor from the chart														
X DF 3 - Multiply GW 3 DW or GW 3 NDW by the appropriate site specific dilution factor from the chart														
T/O - EPA taste/odor advisory value														
* The MO-1 GWes and MO-1 GWair are presented for screening purposes only; if the CC exceeds the MO-1 GWes and/or MO-1 GWair, then further assessment maybe warranted under MO-2 or MO-3.														

NOTE: See end of Table for designation of letter symbols and footnotes.