NDEP Draft Guidelines for Discovery Events (Ground Water RCs)

Appendix B--Reportable Concentrations in Groundwater* Version: 1/28/2009

Analyte	CAS No.	Reportable Concentrations ** (ug/L)
Alachlor	15972-60-8	2.00E+00
Antimony (metallic) ***	7440-36-0	6.00E+00
Arsenic, Inorganic ***	7440-38-2	1.00E+01
Atrazine	1912-24-9	3.00E+00
Barium ***	7440-39-3	2.00E+03
Benzene	71-43-2	5.00E+00
Benzo[a]pyrene	50-32-8	2.00E-01
Beryllium and compounds ***	7440-41-7	4.00E+00
Bis(2-ethylhexyl)phthalate	117-81-7	6.00E+00
Bromate ***	15541-45-4	1.00E+01
Cadmium (Water) ***	7440-43-9	5.00E+00
Carbofuran	1563-66-2	4.00E+01
Carbon Tetrachloride	56-23-5	5.00E+00
Chlordane	12789-03-6	2.00E+00
Chlorobenzene	108-90-7	1.00E+02
Copper ***	7440-50-8	1.30E+03
Cyanide (CN-)	57-12-5	2.00E+02
Dalapon	75-99-0	2.00E+02
Di(2-ethylhexyl)adipate	103-23-1	4.00E+02
Dibromo-3-chloropropane, 1,2-	96-12-8	2.00E-01
Dibromoethane, 1,2- (EDB)	106-93-4	5.00E-02
Dichlorobenzene, 1,2-	95-50-1	6.00E+02
Dichlorobenzene, 1,4-	106-46-7	7.50E+01
Dichloroethane, 1,2- (EDC)	107-06-2	5.00E+00
Dichloroethylene, 1,1-	75-35-4	7.00E+00
Dichloroethylene, 1,2-cis-	156-59-2	7.00E+01
Dichloroethylene, 1,2-trans-	156-60-5	1.00E+02
Dichlorophenoxy Acetic Acid, 2,4-	94-75-7	7.00E+01
Dichloropropane, 1,2-	78-87-5	5.00E+00
Dinoseb	88-85-7	7.00E+00
Diquat	85-00-7	2.00E+01
Endothall	145-73-3	1.00E+02
Endrin	72-20-8	2.00E+00
Ethylbenzene	100-41-4	7.00E+02
Fluorine (Soluble Fluoride) ***	7782-41-4	4.00E+03
Glyphosate	1071-83-6	7.00E+02
Heptachlor	76-44-8	4.00E-01
Heptachlor Epoxide	1024-57-3	2.00E-01
Hexachlorobenzene	118-74-1	1.00E+00
Hexachlorocyclohexane, Gamma- (Lindane)	58-89-9	2.00E-01
Hexachlorocyclopentadiene	77-47-4	5.00E+01
Lead and Compounds ***	7439-92-1	1.50E+01
Methoxychlor	72-43-5	4.00E+01
Methylene Chloride	75-09-2	5.00E+00
Methyl tert-Butyl Ether (MTBE)	1634-04-4	2.00E+01
Mercury (elemental) ***	7439-97-6	2.00E+00
Nitrate ***	14797-55-8	1.00E+04
Nitrite ***	14797-65-0	1.00E+03
Oxamyl	23135-22-0	2.00E+02
Pentachlorophenol	87-86-5	1.00E+00
Picloram	1918-02-1	5.00E+02
Polychlorinated Biphenyls	1336-36-3	5.00E-01

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Selenium ***	7782-49-2	5.00E+01
Simazine	122-34-9	4.00E+00
Styrene	100-42-5	1.00E+02
TCDD, 2,3,7,8-	1746-01-6	3.00E-05
Tetrachloroethylene (PCE)	127-18-4	5.00E+00
Thallium (Soluble Salts) ***	7440-28-0	2.00E+00
Toluene	108-88-3	1.00E+03
Toxaphene	8001-35-2	3.00E+00
Trichlorobenzene, 1,2,4-	120-82-1	7.00E+01
Trichloroethane, 1,1,1-	71-55-6	2.00E+02
Trichloroethane, 1,1,2-	79-00-5	5.00E+00
Trichloroethylene (TCE)	79-01-6	5.00E+00
Trichlorophenoxy) Propionic Acid, 2(2,4,5-	93-72-1	5.00E+01
Vinyl Chloride	75-01-4	2.00E+00
Xylene, Mixture	1330-20-7	1.00E+04

Footnotes:

*-This table is only applicable to the discovery of contaminants in groundwater. Any observed release to ***surface water*** is reportable at the time of observation. If a release to surface water is not observed but is discovered through visual indications or sampling, the release is reportable based on the presence of a visible sheen or concentrations above surface water standards established in NAC 445A.11704 to 445A.225.

**-The reportable concentrations in this table are all based on federal Maximum Contaminant Levels (MCL) with the exception of MTBE, which has an NDEP-derived level. However, reporting requirements for groundwater are not limited to constituents with a promulgated MCL. In determining whether the discovery in groundwater of a pollutant or contaminant without an MCL is reportable, a facility owner may rely on background concentrations, secondary standards, or EPA tap water Regional Screening Levels.

***-Background concentrations are not reportable regardless of whether they are above reportable concentrations.