

New Hampshire Department of Environmental Services

Vapor Intrusion Guidance Update

September 27, 2013

by

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NEWMOA Vapor Intrusion Workshop Westford, MA







- Screening Level Update
 - Indoor Air
 - Soil Gas
 - Groundwater
 - TCE Update
 - Short term and chronic health effects
 - Screening levels
 - Action levels









NHDES Vapor Intrusion Guidance Updates							
Chemical	Residential Indoor Air Screening Level µg/m ³	Residential Indoor Air Action Level µg/m ³	Commercial Indoor Air Screening Level µg/m ³	Commercial Indoor Air Action Level µg/m ³			
TCE	0.4	2.0*	1.8	8.8*			
* TCE Action levels based on FCM short term health effect							



NHDES	2013 Residential Indoor Air Screening Levels	2011 Residential Indoor Air Screening Levels	2013 GW-2	2011 GW-2
Chemical	(µg/m3)	(µg/m3)	(µg/L)	(µg/L)
Dichloroethane, 1,1-	1.7	100	130	10,000
Methylene Chloride	120	5.6	24,000	1,000
Ethylene dibromide	0.04	1.5	35	700
PCE	8.0	1.4	240	80
Trichlorobenzene, 1,2,4-	0.4	3.7	150	1,000
TCE	0.4	1.3	20	100



2013 Updates

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