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AGENCY OF
 NATURAL
 RESOURCES

MEMORANDUM:

From: Chuck Schwer, Supervisor, Sites Management Section
 To: Vermont Environmental Professionals
 Date: 26 February 2007
 RE: Changes in Groundwater Enforcement Standards for 1,2,4 and 1,3,5 Trimethylbenzene, Manganese, and 1,4- Dioxane.

The Vermont Department of Health recently revised the Drinking Water Health Advisory concentrations for 1,2,4 and 1,3,5 Trimethylbenzene, Manganese, and 1,4- Dioxane. These compounds have primary groundwater enforcement standards in the Vermont Groundwater Protection Rule and Strategy. Please note that this rule states that for compounds without a US EPA MCL, the groundwater enforcement standards will be Vermont Department of Health Drinking Water Health Advisory values for those compounds. None of the compounds with revised health advisories has MCLs. The Rule states:

12-702 Primary Groundwater Quality Standards

(1) The following drinking water quality standards information was and will be used in adopting primary groundwater quality standards:

(b) in cases where a US EPA MCL has not been adopted, the Vermont Health Advisory established by the Vermont Department of Health for the Primary Groundwater Enforcement Standard.

The Vermont Groundwater Coordinating Committee determined that the revised Health Advisories for 1,2,4 and 1,3,5 Trimethylbenzene, Manganese, and 1,4- Dioxane are the new primary groundwater enforcement standards for these compounds. The revised enforcement standards are:

Compound	Revised Enforcement Standard µg/l	Old Enforcement Standard µg/l
1,2,4-Trimethylbenzene	350 (total for both compounds)	5
1,3,5 Trimethylbenzene		4
1-4 Dioxane:	3	20



Manganese:	300	840
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