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TITLE: When to Demonstrate the Protection of Ground Water Zones Meeting Unrestricted Potable Use Standards

DATE EFFECTIVE: August 2003

HISTORY: New addition to Technical Guidance Compendium

KEYWORDS: Ground water, protection of ground water meeting UPUS, anti-degradation

RULES/ AUTHORITY: OAC 3745-300-10(E) and 3745-300-07(D)(4)

QUESTION: When is it necessary to provide a demonstration of protection of ground water zones meeting unrestricted potable use standards (UPUS)?

ANSWER: Anytime it is determined or assumed that a ground water zone meets UPUS pursuant to 3745-300-07(D)(3), a volunteer must make a demonstration in accordance with OAC 3745-300-10(E) and OAC 3745-300-07(D)(4) that source or source areas on the property will not cause the ground water in the zone to exceed UPUS.

In general, a demonstration of protection must be made for the upper most ground water zone that meets UPUS. Ground water zones beneath the zone meeting UPUS may be considered protected from sources or source areas on the property unless there is a reason to believe a release of hazardous substances or petroleum has occurred beneath the zone for which a protection demonstration is being made.

If all ground water zones underlying the property exceed UPUS, then a demonstration that underlying ground water zones are protected becomes unnecessary. However, documentation must be provided showing that no ground water zones are present beneath the deepest ground water zone evaluated pursuant to OAC 3745-300-07(D)(3).

OHIO EPA

CONTACT:

For any questions concerning this issue, please contact the VAP Central Office at (614) 644-2942 or DDAGW-VAP support staff at (614) 644-2752.