



**ARCHIVE:** Archived due to the 2014 rule revision. Revision was necessary to update rule citations within the TGC. Refer to VA30007.14.006 for the updated document.

**TITLE:** Universe of Chemicals of Concern for a Protection of Ground Water Demonstration

**DATE EFFECTIVE:** January 2003

**HISTORY:** Update of VA30007.03.011 - Revision was necessary to reflect changes in the rule citations that became effective in March 2009.

**RULE/ AUTHORITY:** OAC 3745-300-07(F)(3)

**QUESTION:** What is the universe of chemicals of concern that need to be addressed during a protection of ground water demonstration?

**ANSWER:** The universe of chemicals of concern (COCs) that need to be addressed during a protection of ground water demonstration in accordance with OAC 3745-300-07(F)(3) are all COCs identified at the property that are detected in or reasonably anticipated to leach to the ground water zone. [Note: Refer to TGC document VA30008.03.003 for an explanation of which COCs require multiple chemical adjustment during a protection of ground water demonstration.]

However, in certain cases, the property may be large (and individual source areas in the unsaturated zone are separated by sufficient distances) or two or more hydraulically non-interconnected ground water zones exist at the property and are impacted by separate identified areas in the unsaturated zone. In these cases, a demonstration may be made that the COCs that are detected in the ground water or reasonably anticipated to leach to the ground water will not all co-occur in a common area of any one ground water zone. Thus, any actual or hypothetical well from which water is pumped would not necessarily contain all the COCs, identified at the property, that are detected in or will likely leach to the ground water at the property. Therefore, in any one of these special cases where demonstration is made that such circumstances apply at a property, the COCs that need to be addressed during the protection of ground water demonstration under OAC 3745-300-07(F)(3) may be limited to those COCs that are detected in or will likely leach to the ground water zone, and co-occur in a common area of the ground water zone.

**OHIO EPA**  
**CONTACT:**

For any questions concerning this issue, please contact the VAP central office at (614) 644-2924.

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