

Effective Date Feb. 1, 2012

New ACL Table Introduced by VA DEQ

Significant changes that potentially affect groundwater monitoring/corrective action programs and positively affect related costs for several landfills in Virginia are a result of an updated Alternate Concentration Limit (ACL) table released on December 30, 2011 by the Virginia Department of Environmental Quality (DEQ). The December 2011 ACL table replaces the January 2011 ACL table.

These ACLs will become effective on **February 1, 2012**. Where applicable, these ACLs often serve as groundwater protection standards (GPS) for solid waste constituents, for which groundwater is monitored at solid waste landfills.

The December 2011 ACL table has thirteen changes in ACL values compared to the ACL table that is currently in use (January 2011 ACL Table). Eight of these changes reflect a new or a new lower ACL and five reflect a new higher ACL. Vanadium whose current ACL is 1.09 µg/l increases to 78 µg/l. This is a significant change that potentially affects groundwater monitoring/corrective action programs and (positively affects) related costs for several landfills in Virginia.

Two other ACL changes (Dichlorodifluoromethane decreased from 368 µg/l to 196 µg/l, and 2,4-Dinitrotoluene decreased from 31.2 µg/l to 0.217 µg/l) have the potential to affect the groundwater monitoring programs for a small number of landfills. The rest of the ACL changes are unlikely to affect the groundwater monitoring programs for most landfills.

Follow the links below to see tables relating to this subject.

[December 2011 ACL Table](#)

[Highlighted Changes](#)

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