























## Comparison of Changes in Target Risk Levels Using TCE Toxicity Values

Method 3 Assessment Short Forms	Old Value	September 2011 IRIS Value
Imminent Hazard Residential Scenario	85 μg/m <sup>3</sup> (5-yr Cancer Risk 1x10 <sup>-5</sup> )	<mark>2 μg/m<sup>3</sup></mark> (Subchronic Exposure Non-Cancer Risk HQ=1.0)
Imminent Hazard – Commercial Scenario		8 μg/m <sup>3</sup> (Subchronic Exposure Non-Cancer Risk HQ=1.0)
No Significant Risk	14 μg/m <sup>3</sup> (30-yr Cancer Risk 1x10 <sup>-5</sup> )	2 μg/m <sup>3</sup> (Chronic Exposure Non- Cancer Risk HQ=1.0)

## **Method 1 Standards Proposed VI TCE Revisions** Standard **Old Value Proposed Value** S-1/GW-1 0.3 mg/kg 0.3 mg/kg S-1/GW-2 2 mg/kg 0.3 mg/kg S-1/GW-3 90 mg/kg 30 mg/kg GW-1 5 μg/L 5 µg/L GW-2 30 µg/L 5 μg/L GW-3 5,000 µg/L 5,000 μg/L



Screening Values	Old Value	Revised Value
esidential Sub-Slab Soil Gas Screening Value	56 µg/m³	28 μg/m³
Residential Threshold Values (TV <sub>r</sub> )	0.8µg/m³	<mark>0.40</mark> μg/m³
Commercial/Industrial Sub-Slab Soil Gas Screening Values	140 μg/m³	130 μg/m <sup>3</sup>
ommercial/Industrial hreshold Values (TV <sub>c</sub> )	1.8µg/m³	1.8 μg/m³

## **Proposed VI-Related Amendments Source Control**Clarified definition of **Source of OHM**refers to the original OHM release location and/or contaminated media from which OHM can migrate as a bulk material Addressed concern that dissolved phase was being viewed as a source Reworked Performance Standards Source Elimination or Control Migration Control NAPL

