

VI Summary Report Worksheet User Guide

Georgia Risk-based Corrective Action (GRBCA) Applicable Threshold Level Determination at Petroleum Sites

Vapor Intrusion (VI) Summary Report User Guide:

The VI Summary Report worksheet requires no data entry and is structured into two sections.

Section I Consolidates all the VI criteria entered in the three data entry worksheets and provides a summary of entries and results for the onsite structure and the nearest offsite residence and offsite non-residence (if evaluated).

Section II Table 1. GW VI Screening Depth Evaluation Matrix (below), is not included in the VI Summary Report but provides the information used to determine the applicable VI Screening Depth. The VI Screening Depth is then compared by the workbook to the GW maximum fluctuation Range determined by the Groundwater Elevations Table. The VI Screening Depth will either be above the GW Fluctuation Range, within the Range, or below the Range. The result of this determination is recorded in the Site Summary Report.

Table 1. GW VI Screening Depth Evaluation Matrix

Table 1. GW VI Screening Depth Evaluation Matrix (Evaluates the AOC structure, the nearest AOPC residence and nonresidence)		
Foundation Type	Presence of FP or FPc	VI GW Screening Depth
All Slab	No	5
All Slab	Any location - Yes	15
Any Basement	No	15
Any Basement	Any location - Yes	25

The remainder of Section II provides specific groundwater (GW) and free product (FP) recommendations for the structures evaluated. Consultants and Project Officers may use the VI recommendations to help determine response actions for affected structure(s).

The recommendations only affect the GW and FP VI pathway and do not include, negate or replace any evaluated direct exposure pathways and receptors determined to be at risk from the release.