

## APPENDIX G1: DESIGN CAPACITY

# Cut/Fill Report

**Generated:** 2025-07-09 11:23:37  
**By user:** shaun.cummings  
**Drawing:** C:\\_AD\ACCDocs\Tetra Tech Inc\209-ADAMS COUNTY\Project Files\4251274-VERTICAL EXPANSION INCOMPLETENESS\CAD\ModelFiles\C:\\_AD\ACCDocs\Tetra Tech Inc\209-ADAMS COUNTY\Project Files\4251274-VERTICAL EXPANSION INCOMPLETENESS\CAD\ModelFiles\4251274\_X\_VOLU\_TW\_00.dwg

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
TV_TW-APPRVD_vs_TW-FR	full	1.00	1.00	364132.81	0.0000	247451.2342	247451.2342<Fill>
Totals							
				2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total				364132.81	0.0000	247451.2342	247451.2342<Fill>

\* Value adjusted by cut or fill factor other than 1.0

Note:

The design capacity calculated for the proposed Vertical Expansion was developed by comparing two 3D CAD surfaces: the currently approved top of waste (TV\_TW-APPRVD\_) and the proposed Vertical Expansion top of waste (\_TW-FR). The resulting volume increase, as noted under 'Fill', indicates the waste airspace added as part of the proposed Vertical Expansion is approximately 247,500 cubic yards.