

Stockpile Inventory

Stoller Place Facility - Aurora, Oregon

As of April 19, 2018

Drone collected imagery of the site is georeferenced with the use of ground control points to create a 3D model of the site that can be used to accurately measure ground features. Polygons defining each stockpile set the ground reference from which the volumes are calculated from.

Volume in Cubic Meters

Stockpile 1	233.18 m ³
Stockpile 2	67.13 m ³
Stockpile 3	157.24 m ³
Stockpile 4	35.64 m ³
Stockpile 5	46.83 m ³
Total	540.01 m ³

Estimated Weight in Tons

Dirt, loose dry

Stockpile 1	313.58 tons
Stockpile 2	90.27 tons
Stockpile 3	211.46 tons
Stockpile 4	47.93 tons
Stockpile 5	62.98 tons
Total	726.21 tons

Calculated margin of error - 6.2mm

Analysis and map layout by Chance Morrison, Aug 2025
Imagery data provided by Portland Community College
Estimated weight reference from EngineeringToolbox.com

