

COUNTY of ORANGE
OC PUBLIC WORKS
FIELD UNIT - COMPUTER PROCESSING & MAPPING
FIELD DATA REPORT
SILVERADO DEBRIS REMOVAL PROJECT - EQ20606
VOLUME SUMMARY

Sub-Area	Station / Location	Surface Description		2D Area (Sq.Ft)	Cut Factor	Fill Factor	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)	
		Base *	Comparison**							
VOLUME INCLUDING CHANNEL & ROADS, EXCLUDING CONCRETE AREAS										
Wildcat Creek & Silverado Creek Area 2	60+50 to 71+50 & 80+00 to 84+99	Post Construction 2022 Surface Derived by Terrestrial and UAV LIDAR Scanning	Pre Construction 2022 Surface Derived by Terrestrial and UAV LIDAR Scanning	40077	1.0	1.0	1688 (See note 3 below)	0	-1688	Cut
Anderson Creek & Silverado Creek Area1	10+00 to 28+30 & 46+00 to 53+47	Post Construction 2022 Surface Derived by Terrestrial and UAV LIDAR Scanning	Pre Construction 2022 Surface Derived by Terrestrial and UAV LIDAR Scanning	119796	1.0	1.0	4240	0	-4240	Cut
TOTAL							5928	0	-5928	<Cut>

- NOTE :**
1. Concrete surfaces and the foot print of the houses were excluded from the volume report.
 2. Volume derived from the horizontal overlap of the two surfaces being compared.
 3. Due to a storm event during the construction phase that imported more material, additional excavation for Silverado Creek Area 2 & Wildcat Creek was required. This material was not reflected in our Section sheets therefore, the volume of 1688 Cu. Yd. does match the records obtained by the County Inspector and should be noted as an estimate only.

OC Survey Surface Used:
 *Anderson Asbuilt 2022
 **Anderson Canyon Combined
 ***Wildcat Asbuilt 2022
 ****Wildcat Combined