

CA-EW-1 Earthwork Quantity Calculations

Project No. PID 76256 Co-Rt-Sec HAM-75-14.61 Date 1-15-2021

Station	CUTS Ref. No. <u>Chester Rd.</u>				FILLS Ref. No. <u>Chester Rd.</u>				UNDERCUT Ref. No. <u>Chester Rd.</u>				GRANULAR Ref. No. <u>Chester Rd.</u>						
	End Area ft²	Average End Area ft²	Length Between Stations ft	Volume yd³	End Area ft²	Average End Area ft²	Length Between Stations ft	Volume yd³	End Area ft²	Average End Area ft²	Length Between Stations ft	Volume yd³	End Area ft²	Average End Area ft²	Length Between Stations ft	Volume yd³			
94+95.95	3				7				8				8						
		3	54.05	7		7	54.05	15		8.00	54.05	17		8.50	54.05	18			
95+50.00	3				7				8				9						
		8	50.00	15		5	50.00	9		13.00	50.00	25		14.00	50.00	26			
96+00.00	13				2				18				19						
		13	24.95	13		3	24.95	3		19.00	24.95	18		20.00	24.95	19			
96+24.95	13				3				20				21						
		8	25.05	7		2	25.05	2		17.50	25.05	17		18.50	25.05	18			
96+50.00	2				0				15				16						
		8	24.95	7		1	24.95	1		16.50	24.95	16		17.50	24.95	17			
96+74.95	13				1				18				19						
		8	25.05	8		1	25.05	1		15.50	25.05	15		16.50	25.05	16			
97+00.00	3				0				13				14						
		7	50.00	13		2	50.00	3		14.50	50.00	27		15.00	50.00	28			
97+50.00	11				3				16				16						
		9	50.00	17		6	50.00	11		17.00	50.00	32		17.50	50.00	33			
98+00.00	7				8				18				19						
		10	50.00	18		6	50.00	12		20.50	50.00	38		22.00	50.00	41			
98+50.00	12				4				23				25						
		19	50.00	36		3	50.00	5		26.00	50.00	49		27.50	50.00	51			
99+00.00	26				1				29				30						
		27	44.95	45		3	44.95	5		31.00	44.95	52		31.50	44.95	53			
99+44.95	27				4				33				33						
		29	5.05	6		4	5.05	1		33.50	5.05	7		33.50	5.05	7			
99+50.00	31				3				34				34						
		27	37.98	38		2	37.98	3		64.50	37.98	91		64.50	37.98	91			
99+87.98	23				0				95				95						
Total cuts, yd³				230	Total fills, yd³				71	Total undercut, yd³				404	Total undercut, yd³				418

(Area 1 + Area 2) ÷ 2 = Average End Area
ft² — square foot

Average End Area × Length ÷ 27 = Volume
yd³ — cubic yard

WLC 1-15-2021
Calculated by Date

JDH 1-15-2021
Checked by Date

407

407

408

409

410