



**Table G-3.4-1
Excavation of Pits**

Pit No.	Dimensions (length × width × depth)	Rectangular Volume of Pit (yd ³)	Field-Measured Pit Volume (yd ³)	Estimated Disposed Waste Volume in Pit (yd ³)	Estimated TRU Waste Volume (yd ³) ^a	Estimated MLLW Volume (yd ³) ^b	Estimated Total Waste Volume (yd ³) ^c	Estimated Materials Suitable for Backfill (yd ³) ^d
1	616 ft × 113 ft × 20 ft	51,561	37,080	5529	5529	31,551	37,080	14,481
2	618 ft × 104 ft × 26 ft	61,892	42,911	6407	6407	36,504	42,911	18,981
3	655 ft × 115 ft × 33 ft	92,064	56,759	9473	9473	47,286	56,759	35,305
4	600 ft × 110 ft × 34 ft	83,111	44,950	8212	8212	36,738	44,950	38,161
5	600 ft × 100 ft × 29 ft	64,444	41,258	6624	6624	34,634	41,258	23,186
6	600 ft × 113 ft × 26 ft	65,289	43,933	6696		43,933	43,933	21,356
7	600 ft × 50 ft × 30 ft	33,333	17,101	4343	4343	12,758	17,101	16,232
8	400 ft × 25 ft × 25 ft	9259	6528	2311	2311	4217	6528	2731
10	380 ft × 57 ft × 27 ft	21,660	15,549	4016		15,549	15,549	6111
12	400 ft × 25 ft × 25 ft	9259	7303	2363	2363	4940	7303	1956
13	400 ft × 42 ft × 28 ft	17,422	12,107	1931		12,107	12,107	5315
16	400 ft × 25 ft × 25 ft	9259	8081	2235		8081	8081	1178
17	600 ft × 46 ft × 24 ft	24,533	17,399	4962	4962	12,437	17,399	7134
18	600 ft × 75 ft × 40 ft	66,667	46,685	12,358		46,685	46,685	19,982
19	153 ft × 30 ft × 18 ft	3060	1371	0		1371	1371	1689
20	600 ft × 71 ft × 36 ft	56,800	37,454	14,899		37,454	37,454	19,346
21	402 ft × 56 ft × 26 ft	21,678	13,328	3607		13,328	13,328	8350
22	413 ft × 56 ft × 33 ft	28,268	17,690	3744		17,690	17,690	10,578
24	600 ft × 58 ft × 30 ft	38,667	23,388	7327		23,388	23,388	15,279
25	395 ft × 103 ft × 39 ft	58,767	47,000	6530		47,000	47,000	11,767
26	310 ft × 100 ft × 36 ft	41,333	22,209	4312	4312	17,897	22,209	19,124
27	400 ft × 80 ft × 46 ft	54,519	26,946	7441		26,946	26,946	27,573
28	330 ft × 83 ft × 40 ft	40,578	21,381	4422		21,381	21,381	19,197
29	658 ft × 80 ft × 50 ft	97,481	45,795	9784		45,795	45,795	51,686

Table G-3.4-1 (continued)

Pit No.	Dimensions (length × width × depth)	Rectangular Volume of Pit (yd ³)	Field-Measured Pit Volume (yd ³)	Estimated Disposed Waste Volume in Pit (yd ³)	Estimated TRU Waste Volume (yd ³) ^a	Estimated MLLW Volume (yd ³) ^b	Estimated Total Waste Volume (yd ³) ^c	Estimated Materials Suitable for Backfill (yd ³)
30	568 ft × 39 ft × 35 ft	42,843	28,716	13,464		28,716	28,716	14,127
31	280 ft × 52 ft × 25 ft	13,481	13,481	2702		13,481	13,481	0
32	518 ft × 74 ft × 51 ft	72,405	36,364	5367		36,364	36,364	36,041
33	425 ft × 115 ft × 40 ft	72,407	59,930	7776		59,930	59,930	12,477
35	363 ft × 83 ft × 40 ft	44,636	20,957	3361		20,957	20,957	23,679
36	435 ft × 83 ft × 43 ft	57,501	28,057	4491		28,057	28,057	29,444
37	731 ft × 83 ft × 61 ft	137,076	57,213	24,299		57,213	57,213	79,863
Totals		1,491,253	898,924	200,986	54,536	844,388	898,924	592,329

Note: Blank cell indicates this waste type/material is not known to be found in the pit.

^a Newly generated TRU equals volume of waste in pit containing TRU in Table 2.1-1.

^b Difference between the field-measured pit volume and estimated TRU waste volume.

^c Sum of estimated TRU waste volume and estimated MLLW volume.

^d Difference between the rectangular volume of pit and field-measured pit volume.