

33 34 Onsite Wastewater Disposal

33 34 13 – Septic Tanks

		Daily Crew	Output	Labor- Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
0010	CONCRETE SEPTIC TANKS									
0011	Not including excavation or piping									
0015	Septic tanks, precast, 1,000 gallon	B-21	8	3.500	Ea.	990	184	21.50	1,195.50	1,400
0060	1,500 gallon		7	4		1,425	210	25	1,660	1,900
0100	2,000 gallon	↓	5	5.600		2,400	294	34.50	2,728.50	3,125
0200	5,000 gallon	B-13	3.50	16	↓	7,250	795	600	8,645	9,800
0300	15,000 gallon, 4 piece	B-13B	1.70	32.941	Ea.	20,300	1,625	1,325	23,250	26,200
0400	25,000 gallon, 4 piece		1.10	50.909		37,500	2,525	2,050	42,075	47,300
0500	40,000 gallon, 4 piece	↓	.80	70		60,000	3,475	2,825	66,300	74,500
0520	50,000 gallon, 5 piece	B-13C	.60	93.333		69,000	4,625	2,350	75,975	85,500
0640	75,000 gallon, cast in place	C-14C	.25	448		84,000	24,100	112	108,212	128,500
0660	100,000 gallon	"	.15	747		104,000	40,200	187	144,387	174,000
1150	Leaching field chambers, 13' x 3'-7" x 1'-4", standard	B-13	16	3.500		480	174	131	785	935
1200	Heavy duty, 8' x 4' x 1'-6"		14	4		284	199	149	632	770
1300	13' x 3'-9" x 1'-6"		12	4.667		1,400	232	174	1,806	2,075
1350	20' x 4' x 1'-6"	↓	5	11.200		1,250	555	420	2,225	2,650
1400	Leaching pit, precast concrete, 3' diameter, 3' deep	B-21	8	3.500		715	184	21.50	920.50	1,075
1500	6' diameter, 3' section		4.70	5.957		1,125	315	37	1,477	1,725
2000	Velocity reducing pit, precast conc., 6' diameter, 3' deep		4.70	5.957		1,875	315	37	2,227	2,575

33 34 13.33 Polyethylene Septic Tanks

0010	POLYETHYLENE SEPTIC TANKS									
0011	High density polyethylene, 300 gallon	B-21	9.50	2.947	Ea.	725	155	18.25	898.25	1,050
0012	High density polyethylene, 500 gallon		9	3.111		1,150	163	19.25	1,332.25	1,550
0014	High density polyethylene, 750 gallon		8.50	3.294		1,225	173	20.50	1,418.50	1,625
0015	High density polyethylene, 1,000 gallon		8	3.500		1,325	184	21.50	1,530.50	1,750
0020	1,250 gallon		8	3.500		1,725	184	21.50	1,930.50	2,200
0025	1,500 gallon		7	4		2,300	210	25	2,535	2,875
0030	2,500 gallon		6	4.667		4,750	245	29	5,024	5,625
0035	3,000 gallon		5.50	5.091		6,500	267	31.50	6,798.50	7,575
0040	3,500 gallon		5	5.600		7,750	294	34.50	8,078.50	9,000

33 34 16 – Septic Tank Effluent Filters

33 34 16.13 Septic Tank Gravity Effluent Filters

0010	SEPTIC TANK GRAVITY EFFLUENT FILTERS									
3000	Effluent filter, 4" diameter	1 Skwk	8	1	Ea.	36	59		95	128
3020	6" diameter		7	1.143		44	67.50		111.50	149
3030	8" diameter		7	1.143		256	67.50		323.50	380
3040	8" diameter, very fine		7	1.143		510	67.50		577.50	660
3050	10" diameter, very fine		6	1.333		242	78.50		320.50	385
3060	10" diameter		6	1.333		276	78.50		354.50	425
3080	12" diameter		6	1.333		665	78.50		743.50	850
3090	15" diameter	↓	5	1.600	↓	1,100	94		1,194	1,350

33 34 51 – Drainage Field Systems

33 34 51.10 Drainage Field Excavation and Fill

0010	DRAINAGE FIELD EXCAVATION AND FILL									
2200	Septic tank & drainage field excavation with 3/4 C.Y. backhoe	B-12F	145	.110	C.Y.		6	6.05	12.05	15.60
2400	4' trench for disposal field, 3/4 C.Y. backhoe	B-12F	335	.048	L.F.		2.60	2.61	5.21	6.75
2600	Gravel fill, run of bank	B-6	150	.160	C.Y.	25	7.90	2.19	35.09	41.50
2800	Crushed stone, 3/4"	"	150	.160	"	28.50	7.90	2.19	38.59	45