

# 02 58 Snow Control

## 02 58 13 – Snow Fencing

### 02 58 13.10 Snow Fencing System

#### 0010 SNOW FENCING SYSTEM

		Daily Crew	Labor- Output	Hours	Unit	Material	2022 Bare Costs Labor	Equipment	Total	Total Incl O&P
7001	Snow fence on steel posts 10' OC, 4' high	B-1	500	.048	L.F.	3.67	2.22		5.89	7.35

# 02 65 Underground Storage Tank Removal

## 02 65 10 – Underground Tank and Contaminated Soil Removal

### 02 65 10.30 Removal of Underground Storage Tanks

#### 0010 REMOVAL OF UNDERGROUND STORAGE TANKS

R026510-20

0011	Petroleum storage tanks, non-leaking										
0100	Excavate & load onto trailer										
0110	3,000 gal. to 5,000 gal. tank	G	B-14	4	12	Ea.	575	82	657	945	
0120	6,000 gal. to 8,000 gal. tank	G	B-3A	3	13.333		645	330	975	1,325	
0130	9,000 gal. to 12,000 gal. tank	G	"	2	20	↓	970	495	1,465	2,000	
0190	Known leaking tank, add					%			100%	100%	
0200	Remove sludge, water and remaining product from bottom										
0201	of tank with vacuum truck										
0300	3,000 gal. to 5,000 gal. tank	G	A-13	5	1.600	Ea.	91	154	245	305	
0310	6,000 gal. to 8,000 gal. tank	G	A-13	4	2	Ea.	114	192	306	380	
0320	9,000 gal. to 12,000 gal. tank	G	"	3	2.667	"	152	257	409	510	
0390	Dispose of sludge off-site, average					Gal.			6.25	6.80	
0400	Insert inert solid CO <sub>2</sub> "dry ice" into tank										
0401	For cleaning/transporting tanks (1.5 lb./100 gal. cap)	G	1 Clab	500	.016	Lb.	1.26	.73	1.99	2.48	
0503	Disconnect and remove piping	G	1 Plum	160	.050	L.F.	3.49		3.49	5.20	
0603	Transfer liquids, 10% of volume	G	"	1600	.005	Gal.	.35		.35	.52	
0703	Cut accessway into underground storage tank	G	1 Clab	5.33	1.501	Ea.	68.50		68.50	102	
0813	Remove sludge, wash and wipe tank, 500 gal.	G	1 Plum	8	1		70		70	104	
0823	3,000 gal.	G		6.67	1.199		83.50		83.50	125	
0833	5,000 gal.	G		6.15	1.301		91		91	135	
0843	8,000 gal.	G		5.33	1.501		105		105	156	
0853	10,000 gal.	G		4.57	1.751		122		122	182	
0863	12,000 gal.	G	↓	4.21	1.900	↓	133		133	198	
1020	Haul tank to certified salvage dump, 100 miles round trip										
1023	3,000 gal. to 5,000 gal. tank					Ea.			760	830	
1026	6,000 gal. to 8,000 gal. tank								880	960	
1029	9,000 gal. to 12,000 gal. tank					↓			1,050	1,150	
1100	Disposal of contaminated soil to landfill										
1110	Minimum					C.Y.			145	160	
1111	Maximum					"			400	440	
1120	Disposal of contaminated soil to										
1121	bituminous concrete batch plant										
1130	Minimum					C.Y.			80	88	
1131	Maximum					"			115	125	
1203	Excavate, pull & load tank, backfill hole, 8,000 gal. +	G	B-12C	.50	32	Ea.	1,750	1,950	3,700	4,725	
1213	Haul tank to certified dump, 100 miles rt, 8,000 gal. +	G	B-34K	1	8		425	890	1,315	1,625	
1223	Excavate, pull & load tank, backfill hole, 500 gal.	G	B-11C	1	16		850	330	1,180	1,600	
1233	Excavate, pull & load tank, backfill hole, 3,000-5,000 gal.	G	B-11M	.50	32		1,700	805	2,505	3,400	
1243	Haul tank to certified dump, 100 miles rt, 500 gal.	G	B-34L	1	8		455	340	795	1,050	
1253	Haul tank to certified dump, 100 miles rt, 3,000-5,000 gal.	G	B-34M	1	8	↓	455	375	830	1,100	
2010	Decontamination of soil on site incl poly tarp on top/bottom										
2011	Soil containment berm and chemical treatment										
2020	Minimum	G	B-11C	100	.160	C.Y.	7.90	8.50	3.29	19.69	25
2021	Maximum	G	"	100	.160		10.20	8.50	3.29	21.99	27.50