

02 65 Underground Storage Tank Removal

02 65 10 – Underground Tank and Contaminated Soil Removal

02 65 10.30 Removal of Underground Storage Tanks		Daily Crew	Labor- Output	Hours Unit	Material	2022 Bare Costs		Total	Total Incl O&P
						Labor	Equipment		
2050	Disposal of decontaminated soil, minimum			C.Y.				135	150
2055	Maximum			C.Y.				400	440

02 81 Transportation and Disposal of Hazardous Materials

02 81 20 – Hazardous Waste Handling

02 81 20.10 Hazardous Waste Cleanup/Pickup/Disposal

0010	HAZARDOUS WASTE CLEANUP/PICKUP/DISPOSAL								
0100	For contractor rental equipment, i.e., dozer,								
0110	Front end loader, dump truck, etc., see 01 54 33 Reference Section								
1000	Solid pickup								
1100	55 gal. drums			Ea.				240	265
1120	Bulk material, minimum			Ton				190	210
1130	Maximum			"				595	655
1200	Transportation to disposal site								
1220	Truckload = 80 drums or 25 C.Y. or 18 tons								
1260	Minimum			Mile				3.95	4.45
1270	Maximum			"				7.25	7.98
3000	Liquid pickup, vacuum truck, stainless steel tank								
3100	Minimum charge, 4 hours								
3110	1 compartment, 2200 gallon			Hr.				140	155
3120	2 compartment, 5000 gallon			"				200	225
3400	Transportation in 6900 gallon bulk truck			Mile				7.95	8.75
3410	In teflon lined truck			"				10.20	11.25
5000	Heavy sludge or dry vacuumable material			Hr.				140	155
6000	Dumpsite disposal charge, minimum			Ton				140	155
6020	Maximum			"				415	455

02 82 Asbestos Remediation

02 82 13 – Asbestos Abatement

02 82 13.39 Asbestos Remediation Plans and Methods

0010	ASBESTOS REMEDIATION PLANS AND METHODS								
0100	Building Survey-Commercial Building			Ea.				2,200	2,400
0200	Asbestos Abatement Remediation Plan			"				1,350	1,475

02 82 13.41 Asbestos Abatement Equipment

0010	ASBESTOS ABATEMENT EQUIPMENT		R028213-20							
0011	Equipment and supplies, buy									
0200	Air filtration device, 2000 CFM					Ea.	1,100		1,100	1,200
0250	Large volume air sampling pump, minimum						435		435	480
0260	Maximum						460		460	505
0300	Airless sprayer unit, 2 gun						2,600		2,600	2,850
0350	Light stand, 500 watt						48		48	52.50
0400	Personal respirators									
0410	Negative pressure, 1/2 face, dual operation, minimum					Ea.	28		28	31
0420	Maximum						22		22	24.50
0450	P.A.P.R., full face, minimum						710		710	780
0460	Maximum						1,275		1,275	1,400
0470	Supplied air, full face, including air line, minimum						211		211	233
0480	Maximum						845		845	930
0500	Personnel sampling pump						215		215	236