

TABLE 15

Summary of Project Costs for Septage Treatment by Aerobic Digester Method

Description of Item	Common Septage Treatment Plant Alternative			
	Durham to Service Entire Grey County	Durham to Service Chatsworth, West Grey, Hanover and West 1/2 of Southgate	Meaford to Service Meaford, Owen Sound & Georgian Bluffs	Flesherton to Service Grey Highlands, Blue Mountains and East 1/2 of Southgate
Primary and secondary digesters, c/w superstart & biosolids chambers	\$2,700,000	\$1,242,000	\$1,242,000	\$1,242,000
Mechanical Items comprising decant equipment, sluice gates, pump, valves, piping, fittings, aeration piping, diffusers, mechanical mixers	\$950,000	\$400,000	\$400,000	\$400,000
Miscellaneous metals, grating, latches, ladders, etc.	\$200,000	\$85,000	\$85,000	\$85,000
Air blowers, diesel generator set i/c building	\$840,000	\$515,000	\$515,000	\$515,000
PLC, SCADA, A/C and electricals	\$850,000	\$470,000	\$470,000	\$470,000
Site development works, field office, mobilization/demobilization, start-up, commissioning, bonding, insurance, etc.	\$225,000	\$150,000	\$150,000	\$150,000
Winter biosolids storage for 60 days c/w pumping system	\$600,000	\$350,000	\$350,000	\$350,000
Total Construction Cost	\$6,365,000	\$3,212,000	\$3,212,000	\$3,212,000
Engineering & contingencies @ 25%	\$1,590,000	\$803,000	\$803,000	\$803,000
Land, Environmental Assessment & hydro supply	\$325,000	\$265,000	\$265,000	\$150,000
Allowance for treatment of liquid waste at plant	\$850,000	\$265,000	\$80,000	\$210,000
Sewage forcemain and associated pump house	\$500,000	-	-	-
Project Cost (excl. GST)	\$9,630,000	\$4,545,000	\$4,360,000	\$4,375,000
GST @ 3.01% on applicable items	\$270,000	\$129,000	\$128,000	\$125,000
TOTAL PROJECT COST	\$9,900,000	\$4,674,000	\$4,488,000	\$4,500,000