

Annual Estimated Operating Cost	Current Biosolids Management	Biosolids Management with Anaerobic Digestion	Savings
WAS Thickening and Dewatering			
Polymer Usage	\$34,000	\$20,400	\$13,600
WAS Thickening Operation (Power Costs)	\$12,000	\$12,000	\$0
BFP Operation (Power Costs)	\$3,840	\$2,300	\$1,540
Lime Stabilization			
Lime Cost	\$90,000	\$0	\$90,000
Fertilizer costs due to pH and Calcium saturation	\$30,000	\$0	\$30,000
Composting Facility			
Amendment Cost	\$295,000	\$177,000	\$118,000
Vehicles (fuels, maintenance)	\$18,600	\$11,000	\$7,600
Electric Power Costs	\$90,000	\$63,000	\$27,000
Fuel Cost	\$113,000	\$79,000	\$34,000
Compost Revenue	(\$55,000)	(\$33,000)	(\$22,000)
Treatment Facility			
Vehicles (fuels, maintenance)	\$54,000	\$32,400	\$21,600
Electric Power Costs	\$445,000	\$445,000	\$0
Fuel Cost	\$84,000	\$84,000	\$0
Residual Disposal			
Biosolids Land Application	\$291,000	\$175,000	\$116,000
Biosolids Landfilling Cost	\$157,000	\$0	\$157,000
Secondary Treatment System			
Additional Aeration Cost	\$0	\$25,000	(\$25,000)
Digestion System			
Digester Equipment Maintenance Cost	\$0	\$26,000	(\$26,000)
Digester Equipment Power Costs	\$0	\$183,000	(\$183,000)
Cogeneration System			
Estimated Value of Power Production (\$/year)	\$0	(\$369,000)	\$369,000
Hydrogen Sulfide Media Costs	\$0	\$15,000	(\$15,000)
Estimate Annual Engine Maintenance Cost	\$0	\$41,000	(\$41,000)
Outside Revenue			
Renewable Energy Credit	\$0	(\$50,000)	\$50,000
Outside Waste Acceptance	\$0	(\$200,000)	\$200,000
Total Estimated Annual Biosolids Management Cost (Current Dollars)	\$1,662,440	\$739,100	\$923,340