

EcoCheck, Inc

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Wastewater System Annual Budget - HOA		Calculated by: <u>RCB</u>
Project: Sample Annual Budget		Date: <u>2/3/2006</u>
Selected Alternative		
Collection: Pressure Sewer		
Treatment: Recirculating Gravel Filter with denitrification		
Disposal: Beds with Dosing		
Total Service Connections <u>52</u> connections		
Total Capital Costs		
	Replacement %	Subtotal Replacement Fund
Collection	\$222,125 20%	\$44,425
Treatment	\$154,639 35%	\$54,124
Disposal	<u>\$231,581</u> 35%	<u>\$81,053</u>
Total	\$608,345	\$179,602
Total		\$608,345
Capital Cost per Connection		\$11,699
Monitoring, Operation and Maintenance (Annual)		
Monitoring Costs (Service Provider Costs)		
Sample Collection and Operations		\$6,100.00
Coordination with lab		\$350.00
Correspondence with MPCA		\$1,350.00
Analytical Monitoring		<u>\$2,500.00</u>
	Monitoring Costs Subtotal	\$10,300.00
HOA Operating Costs		
Electric Utilities		\$2,254.23
MPCA Permit Fees		\$550.00
Telephone Charges		\$720.00
Mowing		\$1,750.00
Septic Tank Pumping		\$2,250.00
Denitrification Chemicals		<u>\$1,944.54</u>
	Operating Costs Subtotal	\$9,468.77
Maintenance (as needed)		
Short-term Equipment Replacement*		\$500.00
Annual Preventative Maintenance		\$250.00
Emergency Repair and Service Calls*		\$2,500.00
Sewer Maintenance		<u>\$750.00</u>
	Maintenance Costs Subtotal	\$4,000.00
Capital Replacement		
Anticipated Rate of Return		2%
Anticipated Inflation Rate		2%
Asset Life		30
Asset Current Cost		\$179,602
Future Value of Assets		\$325,324
NPV of Future Asst Replacement		\$179,602
Annual Reserve Needed		\$8,019
Future Value of Payments		<u>\$325,324</u>
FV of Payments VS		
Future Asset		
Replacement Price		-
	Capital Replacement Subtotal	\$154.22
SUMMARY OF COSTS		
Costs of Monitoring, Operating and Maintenance		
Total Annual Costs		\$23,768.77
Monthly Costs per Connection		\$38.09
Costs of Monitoring, Operation, Maintenance and Capital Replacement		
Total Annual Costs		\$31,787.98
Monthly Costs per Connection		\$50.94

"We're more than just operators...."

*Providing **experienced** wastewater **operations, maintenance, and management** services to homeowners associations, local governments, and residential developers*