		Life Expectancy or			Approximate Cost
Standard Septic System	Cost per unit	Frequency in years	Annual Cost	Monthly Cost	Operate Per Month
Septic Tank and Installation (1)	\$3,500.00		\$58	\$5	-
Drainfield Installation	\$3,500.00				
Pumpout & Filter Maintenance (every 3 yrs) Electricity to pump water to move sewage fr	\$200.00 om house (3)	3	\$67 \$12	\$6 \$1	
Initial installation cost	\$7,000.00	Total		^	<<<<
This represents the estimated cost to prope		Total	φ 31 Ζ	+ =•	
standard (gravity) septic system. Electricity					
included because around 37% of water pur					
well is used to transport sewage inside the h the septic tank. Wastewater recharging grou					
contains elevated nitrate.	indwater				
Standard Septic System					
w/Maintance District	Cost per unit	Life Expectancy or Frequency in years	Annual Cost	Monthly Cost	
Septic Tank and Installation (1)	\$3,500.00	60	\$58	\$5	
Drainfield Installation	\$3,500.00		\$175		
Pumpout & Filter Maintenance (every 3 yrs)	\$200.00		\$67	\$6	
Annual Operating Permit (6) Electricity to pump water to move sewage fr	\$25.00	1	\$25 \$12	\$2 \$1	
- · ·					<<<<
Initial installation cost This represents the estimated cost to prope	\$7,000.00	Total	\$337	φ20	
standard (gravity) septic system. Electricity					
included because around 37% of water pur					
well is used to transport sewage inside the h					
the septic tank. Wastewater recharging grou contains elevated nitrate.	Indwater				
Unmaintained Cantia Cystem	.	Life Expectancy or			
Unmaintained Septic System Septic Tank and Installation	Cost per unit \$3,500.00	Frequency in years 60		Monthly Cost	
Drainfield Installation	\$3,500.00		\$58 \$350	\$5 \$29	
Pumpout and Filter Maintenance	\$200.00		\$20		
Electricity to pump water to move sewage fr	om house (3)		\$12	\$1	
Initial installation cost	\$7,000.00	Total	\$440	\$37	<<<<
This represents the estimated cost to operation					
(gravity) septic system without maintenance					
life expectancy is reduced to 10 years and c is expected when the drainfield fails. Waster					
recharging GW has elevated nitrate and pos					
pathogenic organisms; sewage effluent may					
at ground surface.					
					n
Level 2 Wastewater System	Coot non unit	Life Expectancy or Frequency in years	Annual Cost	Monthly Cost	
Tank/Treatment System w/Installation (2)		i requericy in years	Annual Cost		
	Cost per unit \$15 200 00	60	\$253	\$21	
Drainfield Installation	\$15,200.00 \$1,800.00		\$253 \$45		
Drainfield Installation Annual Contract for Maintenance (4)	\$15,200.00	40		\$4 \$54	
Annual Contract for Maintenance (4) Electricity for recirc pumps (3)	\$15,200.00 \$1,800.00 \$650.00	40	\$45 \$650 \$12	\$4 \$54 \$1	
Annual Contract for Maintenance (4) Electricity for recirc pumps (3) Electricity to pump water to move sewage fr	\$15,200.00 \$1,800.00 \$650.00	40	\$45 \$650 \$12 \$12	\$4 \$54 \$1 \$1	
Annual Contract for Maintenance (4) Electricity for recirc pumps (3) Electricity to pump water to move sewage fr Initial installation cost (4)	\$15,200.00 \$1,800.00 \$650.00 om house (3) \$17,000.00	40 1	\$45 \$650 \$12 \$12 \$972	\$4 \$54 \$1 \$1	
Annual Contract for Maintenance (4) Electricity for recirc pumps (3) Electricity to pump water to move sewage fr Initial installation cost (4) This represents the estimated cost to opera	\$15,200.00 \$1,800.00 \$650.00 om house (3) \$17,000.00 e a Level 2	40 1 Total monthly cost during 1	\$45 \$650 \$12 \$12 \$972 <i>"</i> irst 2 yrs	\$4 \$54 \$1 \$1	
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Annual Contract for Maintenance (4) Electricity for recirc pumps (3) Electricity to pump water to move sewage fr Initial installation cost (4) This represents the estimated cost to opera	\$15,200.00 \$1,800.00 \$650.00 om house (3) \$17,000.00 te a Level 2 extended due are included	40 1 Total monthly cost during 1	\$45 \$650 \$12 \$12 \$12 \$972 irst 2 yrs ontract is	\$4 \$54 \$1 \$1	
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set in a pre-dug hole, plumbed, and wired within 25 ar O&M vere to the i of the tank are around \$10,000 (4/08). This would be for up to a four-bedroom residence. There may be additional charges of excavation and backfill.

(3) 8.57 cents/KwH for residential electricity in Montana showed an estimated cost of about \$1.00 per month for a standard Eliminite system taking both pumps and control panel into account and assuming 400 GPD wastewater flow.

(4) Two year maintenance agreement included in initial purchase price so this amount can be eliminated as a monthly cost during the first two years.

(5) Varies widely around Montana.

(6) County program to educate septic owners, requires evidence of maintenance to renew permit. This comparison compiled by Joe Meek at the Montana Department of Environmental Quality based on data available in May 2008. It is a rough comparison and should be modified with more accurate regional cost information where available. Costs are a simple straight line estimate without correction for future value.