

We are seeking your assistance to repair and replace the necessary components of the sewer system serving Section C of Lake Metigoshe, where Lake Metigoshe State Park is connected. This system plays a critical role in supporting the park and surrounding recreation area, with the State Park contributing approximately 16% of the total flow into this line during peak season of June through October. Off season flow 18% of total flow. These percentages were computed by taking the average hours of all pumps working in each month.

May through October the average monthly total flow for Lift Station C is 630,991 gallons with 98,807 gallons being from the park for a total of 16% of area total flow. November-April is 18% of area total flow. Looking at the number of houses, restaurants, businesses and hotel in this area, the park creates a large portion of the lift station numbers.

Pump		Months used per year	Average Hours/Month May-October	Average Hours/Month November-April
S-1	Entrance house	12 months	5.04	5.04
S-2	Office	12 months	30.44	30.44
S-3	Shop	12 months	1.39	1.39
S-4	Dump Station	6 months	0.83	
S-5	Bathhouse	6 months	30.78	
S-6	Manager's house	12 months	1.25	1.25
S-7	Beach House	6 months	5.13	
	Hours on pump		74.85	38.12
	Gallons per minute		1320.00	1320.00
	Gallons per hour		98,807.33	50,314.44
	Total Area Hours		630,991.70	281,050.00
	Percent of gallons used into main line from park		16%	18%

	Lift Station C			Lift Station C		
	Pump 1	Pump 2		Pump 1	Pump 2	
May	352450	358050		Jan	124950	128800
June	374500	385350		Feb	117600	119700
July	497000	500500		Mar	154350	158200
August	307300	318150		Apr	179550	179900
September	210700	222600		November	117600	119350
October	130200	129150	Total	December	140700	145600
Gal/hr	1872150	1913800	3785950		834750	851550
						1686300

Your support would greatly enhance the system's capacity to handle peak summer flows when the park is at full occupancy, ensuring the efficient movement of sewage without backups or service interruptions. Additionally, this upgrade would enable the park to pursue its plans for future expansion, which would benefit both the local community and the many visitors who come to enjoy the area.

Currently, we rely on a tank and trailer to haul sewage during these peak times—a costly and unsustainable solution. The recreation area's small population base struggles to fund necessary infrastructure improvements despite the heavy usage the system endures during the high season. Your help in addressing this issue would have a lasting positive impact on the region's capacity to support tourism, recreation, and future growth.

Included – map of Lift Station C area coverage