



Mitchell 2021 Water System Improvements

Future Projects

Supplemental Water Source = \$20 - \$60 Million

Water Distribution (Piping) = \$150 Million

Mitchell Water System Improvement Projects 2021			
<p>Ground Water Storage Tank</p> <p>Estimated Design Start: 2021 Estimated Construction Start: 2022</p>	2.5 Million Gallons	\$5 Million	
<p>Repaint West Water Tower</p> <p>Estimated Design Start: 2021 Estimated Construction Start: 2021</p>	1.5 Million Gallons	\$1.5 Million	
		Total	\$6.5 Million

Mitchell 2021 Wastewater System Improvements

Future Projects

South Water Treatment Plant/Lagoons = \$20 Million

Wastewater Distribution (Piping) = \$200 Million

Mitchell Wastewater System Improvement Projects

<p>Daily Drive Lift Station and Related Improvements</p> <p>Estimated Design Start: 2020 Estimated Construction Start 2021</p>	<p>Wastewater Collection System</p>	<p>\$2.8 Million</p>	
<p>East Central Drainage Phase II</p> <p>Estimated Design Start: 2020 Estimated Construction Start 2021</p>	<p>Wastewater and Storm Collection</p> <p>EDA Grant = \$3.15M</p>	<p>\$1.0 Million</p>	
<p>North Wastewater Treatment Plant</p> <p>Estimated Design Start: 2021 Estimated Construction Start 2022</p>	<p>Building/Clarifiers/Equalization</p>	<p>\$10.0 Million</p>	
<p>Total</p>		<p>\$13.8 Million</p>	

30-Year Loan - 2.125% Interest

Wastewater System Improvements - Surcharge	Project Cost	Increase 1		Increase 2	
		Surcharge	Rate	Surcharge	Rate
Daily Drive Lift Station and Related Improvements	\$2,800,000.00	\$1.88			
East Central Drainage Phase II	\$1,000,000.00	\$0.67			
North Wastewater Treatment Plant	\$10,000,000.00			\$6.71	
Wastewater System Improvements - Rates					
Salaries (4%) at 4,000 Gallons Used	\$546,564.00		\$0.06		
Expenses and Projects (4%) at 4,000 Gallons Used	\$940,124.00		\$0.10		
	Rate Increase for 6,000 Gallons	\$2.55	\$1.33	\$6.71	\$0.00
	Total Rate Increase for 6,000 Gallons	\$3.88		\$6.71	
	Total for Both Increases	\$10.59			

Water System Improvements - Surcharge	Project Cost	Increase 1		Increase 2	
		Surcharge	Rate	Surcharge	Rate
Ground Water Storage Tank	\$5,000,000.00			\$3.24	
Repaint West Water Tower	\$1,500,000.00	\$0.97			
Water System Improvements - Rates					
BY Water Rate Increase			\$0.13		
Salaries (4%)	\$569,797.00		\$0.06		
Expenses and Projects (4%)	\$581,371.00		\$0.06		
	Rate Increase for 6,000 Gallons	\$0.97	\$2.03		
	Total Rate Increase for 6,000 Gallons	\$3.00		\$3.24	
	Total for Both Increases	\$6.25			

Wastewater System Improvements - Rates					
Salaries (4%) at 4,000 Gallons Used	4000	5.333333333	units	\$0.06	Cost per unit
Expenses and Projects (4%) at 4,000 Gallons Used				\$0.10	Cost per unit
Water System Improvements - Rates					
BY Water Rate Increase	4000	5.333333333	Units	\$0.06	
Salaries (4%)				\$0.06	
Expenses and Projects (4%)					

Daily Drive Lift Station and Related Improvements

Total User Increase \$1.88

Number of Users 5600
Loan Payment \$10,525.25
Loan Amount \$2,800,000.00
Interest 2.125%
Converted 0.177%
Years 30
Total Payments 360

East Central Drainage Phase II

Total User Increase \$0.67
Number of Users 5600
Loan Payment \$3,759.02
Loan Amount \$1,000,000.00
Interest 2.125%
Converted 0.177%
Years 30
Total Payments 360

North Wastewater Treatment Plant

Total User Increase \$6.71
Number of Users 5600
Loan Payment \$37,590.16
Loan Amount \$10,000,000.00
Interest 2.125%
Converted 0.177%
Years 30
Total Payments 360

Ground Water Storage Tank

Total User Increase \$3.24

Number of Users 5800
Loan Payment \$18,795.08
Loan Amount \$5,000,000.00
Interest 2.125%
Converted 0.177%
Years 30
Total Payments 360

Repaint West Water Tower

Total User Increase \$0.97
Number of Users 5800
Loan Payment \$5,638.52
Loan Amount \$1,500,000.00
Interest 2.125%
Converted 0.177%
Years 30
Total Payments 360