

Garland Wastewater Treatment Options

Tremonton City has been treating Garland's wastewater since 1969 when the existing treatment plant was co-built. Four separate inter-local contracts have existed since that time. Each iteration of the agreement left Garland with less ownership, partnership, control and input. The current contract (which has been loosely followed by Tremonton) leaves Garland without any ownership and a minimal amount of non-binding input and is set to expire in June 2015. Over the past 5+ years Garland City representatives have met with Tremonton City representatives regularly to work out a new, mutually beneficially contract for ongoing treatment service. About the same time, Garland leaders decided to look into alternative options for sewer treatment and significant investigative and planning work has been completed to date. 18 months ago the city formed a volunteer sewer committee in Garland to get a wider perspective of the citizens' views on the topic. Significant energy and innumerable hours have been expended on this topic by many current and previous elected leaders, current and previous city employees and concerned volunteer citizens. The goal has always been to determine the best long-term treatment plan for all the citizens while keeping costs, local impacts, sustainability and fiduciary responsibility at the forefront of every decision. During the investigative and planning period the city has identified several options which have been carefully evaluated.

Garland residents currently pay \$28.05 monthly for sewer. Of that cost, \$8.00 stays in Garland to pay for operation and maintenance of the city's existing collecting system that dates back prior to the 1960s. The other \$20.05 goes to Tremonton City to pay for the sewer treatment services. Due to upcoming, more stringent 2020 nutrient discharge requirements, and nearing volume capacity, Tremonton City has committed to raise rates by at least \$10 per month over the next 4 years to fund expansion and upgrades. Additionally, Garland's allocated connections have been nearly consumed by growth over the past 20 years and future connections in Garland are proposed (in the 2014 draft agreement proposed by Tremonton) to require approval from Tremonton City. The most economical option for Garland to build a new treatment facility, meeting the 2020 nutrient restriction requirements and provide for 20 more years of growth is estimated to cost \$5.18 Million.

In the course of extensively investigating options, the City completed a Preliminary Engineering Report that identified a substantial groundwater intrusion issue that is responsible for about two thirds of the city's summertime wastewater flow. In the fall of 2014, the City visually inspected the interior of the aging collection system and discovered that nearly every segment contains sections where ground water infiltration and inflow are prevalent in disjointed pipes, collapsed section and non-factory connections. Wastewater leaking issues and groundwater entering problems must be corrected for Garland to protect the public, the environment and future economic interests. The price to repair and rehabilitate the aging underground infrastructure is estimated at \$3.75 Million.

The City submitted a funding request through UDSA to complete both projects (collection and treatment) and has received a commitment that includes the maximum grant amount of 45% and additional funding via loans at 2.75%. If either project were completed individually, the city would only receive funding through loans.

Option 1 - Continue Status Quo Delaying collection system rehab/repair		Option2 - Upgrading Collection System and Otherwise Continuing Status Quo		Option 3 - Upgrade Collection System and Building new Treatment Facility	
Current rate	\$ 28.05	Current rate	\$ 28.05	Collection system repair	\$ 3,750,000.00
Expected increase	\$ 10.00	Expected increase	\$ 10.00	New Treatment Facility	\$ 5,182,000.00
Total cost/month	\$ 38.05	Loan to fix collection system (\$3.75m, 40 yrs, 2.75%)	\$ 19.00	Total cost	\$ 8,932,000.00
		Total cost/month	\$ 57.05	USDA Grant	\$ 4,010,000.00
		Loan to fix collection system (\$3.75m, 20 yrs, 2.75%)	\$ 30.00	USDA Loan (40 yrs, 2.75%)	\$ 4,672,000.00
		Total cost/month	\$ 68.05	CDBG Grant	\$ 100,000.00
				Garland City match	\$ 150,000.00
				Total funding	\$ 8,932,000.00
				Total cost/month	\$ 38.00