

## 5.3 Waste Water Treatment

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Assessment Process	
<b>A.</b>	The assessment of needs, wants, and resources is achieved by surveys, town meetings, brain storming, focus group studies, and mayoral-appointed advisory committees.
<b>B.</b>	Experts and consultants are employed when needed.
<b>C.</b>	The City of Lamar has adopted a comprehensive plan and developed strategies to accomplish short and long-range goals.

Program Standards	
<b>A.</b>	<b>Organization:</b> The City of Lamar public utility has the responsibility for the collection, treatment, and disposal of waste-water for the community.
<b>B.</b>	<b>Mission Statement:</b> The mission statement for the Waste-Water Program is to collect, treat, and dispose of the waste-water so that it will not harm the environment and will be in compliance with all state and federal regulations of the Clean Water Act.
<b>C.</b>	<b>System Standards:</b> An independent laboratory samples the waste water monthly and tests it for all contaminants that are regulated . All reports are submitted to the Missouri Department of Natural Resources (DNR). A ten-acre wetland has been added to further improve quality.
<b>D.</b>	<b>System Service:</b> <ol style="list-style-type: none"> <li>1. The system provides service to all residences, businesses, and industries within the city limits. Developers provide sewer lines as part of plans for new subdivisions. These sewer line plans are first approved by the city and the Missouri Department of Natural Resources.</li> <li>2. City ordinances require residences and facilities to be attached to the sewer mains. There is also a language preventing the introduction of contamination of the system.</li> <li>3. A consulting engineering firm was hired to smoke-test the complete system and prepare a report that identified problem areas of infiltration and inflow. The problem lines are being replaced.</li> </ol>
<b>E.</b>	<b>User Fees:</b> User fees are based on a percentage of water usage. This procedure is the most equitable user fee. Pretreatment ordnances are used so that industry cannot introduce contaminants that would upset the treatment. The program is reviewed annually by the DNR.
<b>F.</b>	<b>System Separation:</b> All storm sewers are on a separate system from the sanitary sewer system. An ordinance prevents users from attaching room and floor drains to the sanitary sewer systems.
<b>G.</b>	<b>Budget:</b> The following areas all meet budgeting guidelines established through MoCAP: <ol style="list-style-type: none"> <li>1. This sewer department has a separate budget</li> <li>2. The budget is prepared so that revenues equal expenditures.</li> <li>3. There is allowance in the budget for maintenance, repairs, and replacement of sewer mains. Television inspection equipment has been acquired to inspect lines and pinpoint problem areas.</li> <li>4. The city has adequately staffed the Department</li> <li>5. The treatment facility was designed to handle twice the present load. A \$250,000 capital improvement project was recently completed that installed a major interceptor to handle infiltration problems. The city also budgets \$100,000 annually to replace old lines.</li> <li>6. Additionally, a jetter was purchased to clean clogged mains.</li> </ol>

Program Evaluation	
The success of Waste Water Treatment endeavors for Lamar are addressed through: <ul style="list-style-type: none"> <li>• Benchmarks established through the state and regional resources</li> <li>• Mayoral-appointed advisory committees with regular reports to city administration and leadership</li> <li>• Annual Surveys of the local community regarding utility service</li> </ul>	