

Water Delivery/Infrastructure

2006 Infrastructure Improvement Projects

In 2006, due to water quality problems and the resulting State Water Resource Control Board violations, the City was forced to take out an **\$11.2 million dollar loan** to improve water and wastewater infrastructure. The improvements included (status in parenthesis):

- New 1.3 million gallon reservoir (complete)
- New water main distribution system (mostly complete)
- Purple pipe installation for recycled water (complete)
- New storm drain lines (complete)
- Fourth Street paving (complete)
- Pellet plant infrastructure (Spring 2017)
- Land acquisition for reservoir and pellet plant (complete)



These upgrades have resulted in a significant reduction in infrastructure-related emergency situations, such as the water main breaks that used to occur regularly, and increased the overall reliability of the system.

The city currently has ~\$10.5 million remaining on the loan, and will repay it over the next 29 years. This debt service is a significant component of both the Monthly Water Service Charge and Sewer Rates.

New Water Meters and Billing Software

In October, 2016, the City transitioned to new Master Meter Multi-Jet meters that have Automatic Meter Reading (AMR) capability. This upgrade will:

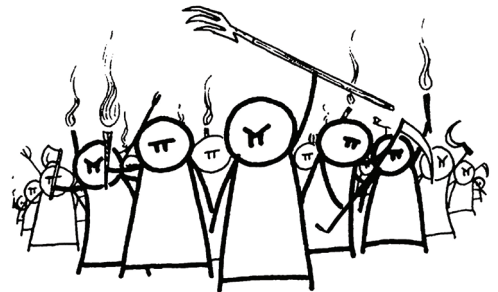


- Allow our Public Works crew to gather meter readings by simply driving by rather than checking each meter individually every month by hand
- Measure water down to the exact gallon rather than rounding down to the nearest unit, which makes for much more accurate billing. This change will necessarily result in your monthly bill fluctuating more than it used to, but you will be paying the exact same amount overall.

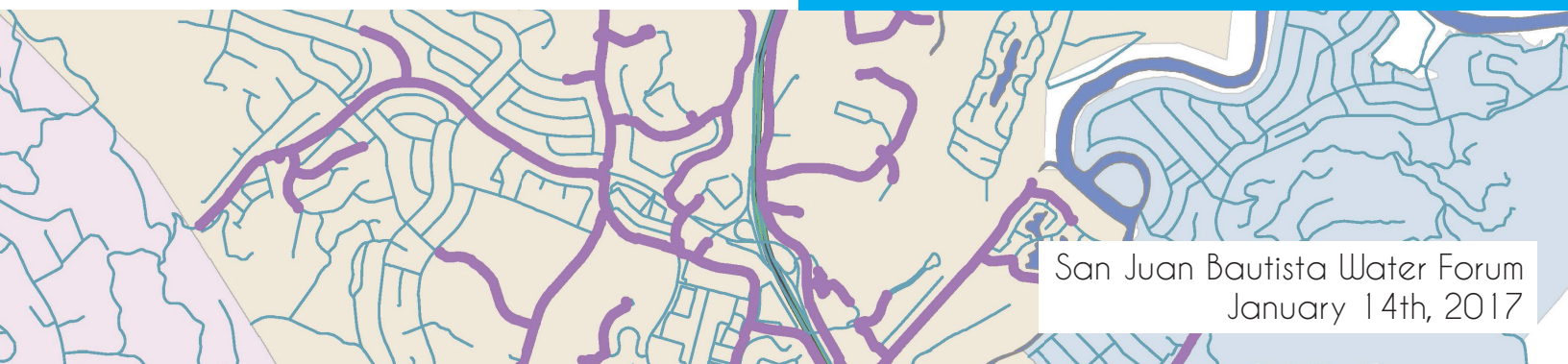
As a result of this upgrade, we also had to switch over to a new billing software: MuniBilling. This transition has been less than smooth, to say the least. Problems were generally associated with:

- Customers living outside city limits
- Customers who pay for water but not sewer
- Customers who paid October bills after the software transition
- Apartments complexes with multiple connections

Over the last month, however, staff has been able to work with most of the customers who were affected by the kinks in the transition process to remedy their situations. We are confident that, moving forward, less adjustments will be needed and people will get accustomed to the style of the new billing.

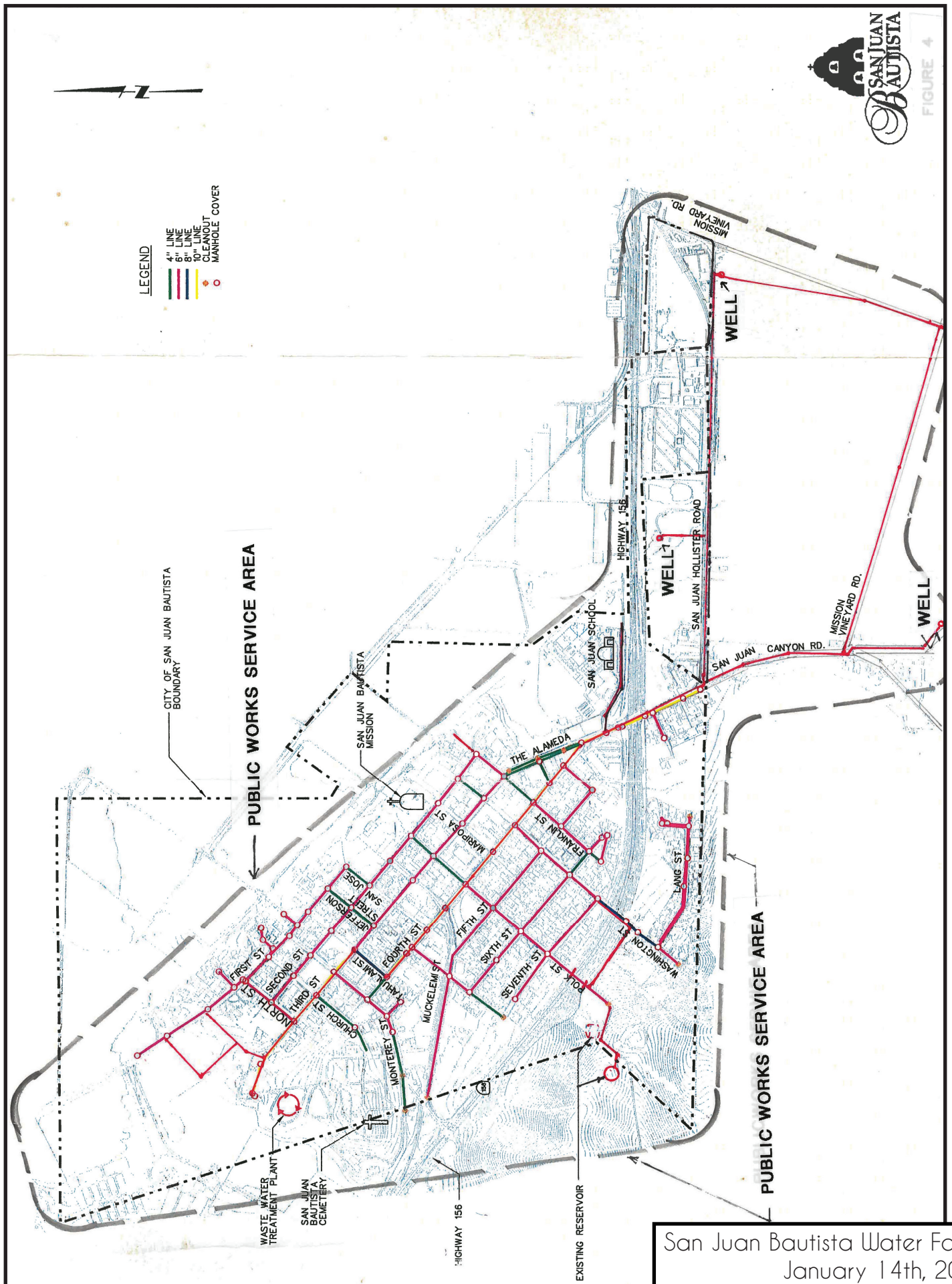


THANK YOU FOR YOUR PATIENCE!!!



San Juan Bautista Water Forum
January 14th, 2017

Water Infrastructure Map



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