

Documentation Workshop

Projects 1000 and 1001 Rehab Treatment Plant and Storage Tank

- Documentation requirements:
 - All forms of documentation accepted
- Documentation provided:
 - Survey-generated documentation
 - The plant will require a rehab in 20 years
 - The tank will require a rehab in 20 years
- Issues:
 - None

Project 2000 Poplar Road Pipe Replacement

Independently Documented Statement:

Poplar Road:

- Upgrade 5,185 feet of pipe from a 2" PVC Water Main to an 8" DIP to increase flow, 2" is no longer adequate to meet demand.
- Supply Fire Protection to the residents in the area.
- Add appurtenances to increase performance and stability of water system.
- Upgrade from PVC to DIP to extend life of the Pipe.

Survey-Generated Statement:

The system indicated the need to upgrade from a 2-inch PVC water main to an 8-inch ductile iron main along Poplar Road in order to accommodate flow to meet current water demands in the area and to increase performance and stability of the system.

Project 2000 Poplar Road Pipe Replacement

- Review
 - Accepted based on undersize main not adequate for current demand
 - Fire protection not substantial driver and 2-inch pipe helps make case for need
 - Verified project 2000 and 2007 do not overlap
 - 2000 is PVC, 2007 is Cast Iron
 - Since all pipe rehab/replace is independently documented, no need to meet 10% pipe policy

Project 2001

New Mains: Farmington/Sweetgrass Rd

Independently Documented Statement:

Farmington Road/Sweetgrass Road:

- Increase water service to new customers.
- Supply Fire Protection to the residents in the area
- Tie in loop to complete a run to eliminate dead end & increase integrity of the water system and increase overall distribution stability.
- Total length – 7,050 feet

Survey-Generated Statement:

The system has indicated the need to extend an 8-inch main along Farmington/Sweetgrass Road in order to be able to offer service to residents currently outside the service area, create redundancy in the system, and eliminate current dead ends in the system that adversely affect water quality.

Project 2001

New Mains: Farmington/Sweetgrass Rd

- Review
 - Deleted based on substantially fire and new customers
 - Reason for need A4 and A6 used and TCR Rule cited
 - These codes, plus independent and survey-generated doc are not enough to meet WOE criteria, but it's possible that more information could be provided to tip the scale.
 - What are the specific “adverse water quality” issues?

Project 2002

New Mains: Fox Trot Rd/Tango Rd

Independently Documented Statement:

Fox Trot Road/Tango Road:

- Tie in loop to complete a run to eliminate two dead ends. Section of town in high pressure zone. During peak demands pressure commonly falls below 30 psi.
- Total length – 950 feet

Survey-Generated Statement:

The system has indicated the need to extend an 8-inch main between Fox Trot and Tango Road in order to be able to eliminate current dead ends in the system that adversely affect water quality.

Project 2002

New Mains: Fox Trot Rd/Tango Rd

- Review
 - Accepted based on independent document that describes specific deficiency facing current users
 - “... pressure commonly falls below 30 psi.”
 - Did not rely on survey-generated documentation with non-specific “buzz words”

Project 2003 Misc. Pipeline Extensions

Independently Documented Statement:

Miscellaneous Pipeline Extensions

The Miscellaneous Water Pipeline Extensions are 8-inch diameter pipelines (except as noted) to be installed in eleven streets to provide additional water capacity, pressure, or availability to various areas of the county. These locations are:

Location	Length (feet)
Sunrise Road	12,987
Main Street	4,296
First Street	17,100
Lakeview Road	2,020

Survey-Generated Statement:

The system has indicated the need to extend pipe of various lengths in different locations throughout the system. Note that all of these extensions will be of 8-inch pipe. Extensions will serve to provide additional water capacity, pressure, and availability to meet current demands throughout the system. Some of these extensions will include upsizing and offering coverage to customers in areas not currently served by the system.

Project 2003 Misc. Pipeline Extensions

- Review
 - Deleted
 - What is the specific deficiency facing current customers?
 - Survey-generated documentation uses general “buzz words”

Project 2004 Leman St. Bypass Extension

Independently Documented Statement:

Leman Street Bypass Extension Pipeline

The water pipeline extension installs a 12-inch pipeline southward along the proposed Leman Street Bypass from Elm Road to its intersection with US Highway 2.

Survey-Generated Statement:

The system has indicated the need to extend a 12-inch main along the Leman Bypass in order to be able to offer service to residents currently outside the service area, create redundancy in the system, and eliminate current dead ends in the system that adversely affect water quality.

Project 2004 Leman St. Bypass Extension

- Review
 - Deleted
 - What is the specific deficiency facing current customers?
 - In addition, same survey-generated text as project 2001

Project 2005 Colonial Rd. Extension

Independently Documented Statement:

Colonial Road Water Pipeline Extension

The water pipeline extension to Colonial Road installs a 12-inch water pipeline in Poplar Road from the existing County pipeline at the entrance to Highway 12 intersection. The primary purpose of this extension is to serve a proposed hospital.

Survey-Generated Statement:

The system has indicated the need to extend a 12-inch main along Colonial Road from the entrance to the Twin Peaks WTP in order to be able to offer service to a proposed hospital in the area. Extension will also create redundancy in the system, and eliminate dead ends in the system that adversely affect water quality.

Project 2005 Colonial Rd. Extension

- Review
 - Deleted based on future growth - hospital is proposed

Project 2006 Twin Peaks River Pipeline

Independently Documented Statement:

Twin Peaks River Pipeline

The Twin Peaks River water pipeline project constructs a water intake and a raw water pump station on the Twin Peaks River, and a 6 mile long 20-inch water pipeline to connect the Twin Peaks River to the Twin Peaks Reservoir located next to the water treatment plant. The purpose of this project is to divert water that Twin Peaks Water Authority has rights to use to the water treatment plant at that location.

Survey-Generated Statement:

The system expressed the need to construct a water intake and a raw water pump station at the Twin Peaks River and a 6-mile, 20-inch water pipeline to connect it to the Twin Peaks Reservoir.

This project will give the system access to treat this water for use in meeting current water demands, reduce dependence on purchased water, and provide emergency water supply.

Project 2006 Twin Peaks River Pipeline

- Review
 - Deleted
 - Not enough information to warrant the additional supply for current customers
 - What is specific deficiency facing current customers?

Project 2007 Cast Iron Pipe Replacement

Independently Documented Statement:

Various Cast Iron Watermain Replacements

The bonds will finance replacement of old cast iron mains of various sizes throughout the city.

Survey-Generated Statement:

The system indicated the need to replace the cast iron mains in its distribution system with ductile iron to ensure equipment longevity and reduce water loss through leaks and breaks. The system estimates this will be approximately 44,900 feet of pipe.

Project 2007 Cast Iron Pipe Replacement

- Review
 - Accepted
 - Independent documentation indicates the system is committed, and 'old' implies pipe condition
 - Survey-generated documentation provides more details on the project-specific reason for need