



NOTICE OF PUBLICATION OF CATEGORICAL EXCLUSION  
WORDEN AND BALLANTINE, MONTANA  
SRF PROJECT#: C304241

WORDEN/BALLANTINE YELLOWSTONE COUNTY WATER & SEWER DISTRICT  
March 23, 2018

The Montana Department of Environmental Quality has reviewed the above named project. The Worden/Ballantine Yellowstone County Water & Sewer District (District) has identified the need for the rehabilitation of approximately 3,880 lineal feet of 10-inch vitrified clay tile (VCT) sewer main north of the town of Worden. Deficiencies in this main include root intrusions, rock deposition, infiltration around service taps, and radial cracks in the pipes which will only worsen over time as the pipe continues to deteriorate with age. By reducing the infiltration into this main, the flow to the District's north lift station will be reduced, thereby lowering flows which will reduce energy consumption, lower operating costs for the District, reduce flow to the wastewater (total retention) treatment system, and thereby help to restore hydraulic capacity. The District proposes to rehabilitate the VTC pipe using cured-in-place pipe (CIPP) technology. With CIPP technology, a flexible liner composed of reinforced mesh or felt material impregnated with a thermosetting resin is inserted into the existing pipe through manholes and expanded with pressure to form a tight fit within the existing pipe. The resin is then cured by circulating hot water. Once the new pipe has cured, service lines are reestablished internally through use of a remote cutting device. This project will eliminate all joints between pipes and pipe connections to manholes, which will prevent future intrusion of roots. CIPP installation is considered a trenchless technology and therefore during pipe rehabilitation, there is minimal disruption to traffic and minimal surface restoration.

Pursuant to ARM 17.40.318, the Montana Department of Environmental Quality has concluded that the proposed project meets the Categorical Exclusion criteria of the National Environmental Policy Act (NEPA) and the Montana Environmental Policy Act (MEPA). The Categorical Exclusion may be revoked if the project is not initiated within the time period specified in the Preliminary Engineering Report, a new or modified application is submitted, or new evidence demonstrates serious local or environmental issues exist, or state, local, tribal, or federal laws are violated.


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The documentation for the Categorical Exclusion is available for public review at the following locations:

Department of Environmental Quality  
State Revolving Fund Loan Program  
1520 East Sixth Avenue  
Helena, MT 59601

Daniel Ewen, District Board President  
Worden/Ballantine Yellowstone County  
Water & Sewer District  
2449 Main Street  
Worden, Montana 59088  
Phone (406) 967-2550

Sincerely,




Paul LaVigne, WPCSRF Program Manager  
Engineering Bureau  
Water Quality Division  
Montana Department of Environmental Quality



# CIPP Project site

## Legend

 CIPP Project Site

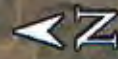
 CIPP Project Site

Worden

Ballantine

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