



NOTICE OF PUBLICATION OF CATEGORICAL EXCLUSION
COLUMBUS, MONTANA
SRF PROJECT#: C302244

COLUMBUS WASTEWATER COLLECTION SYSTEM IMPROVEMENTS

February 5, 2016

The Montana Department of Environmental Quality has reviewed the above named project. The City of Columbus has identified the need for the rehabilitation of several of the vitrified clay tile sewer mains located in the older part of town. The aging mains (50 to 60 years old) are in need of restoration before they become too degraded to be cost effectively renewed. Deficiencies in these mains include root intrusions, service tap intrusions, and cracks in the pipes which will only worsen over time as the pipe continues to deteriorate with age. Some of these deficiencies are already severe enough to cause sewage backups into some homes and prevent the effective cleaning and maintenance of these mains. The city will rehabilitate, through the use of cured-in-place pipe (CIPP), approximately 2,400 lineal feet of 12-inch sewer main; 2,400 lineal feet of 10-inch sewer main; and 18,000 lineal feet of 8-inch sewer main. With CIPP rehabilitation, a resin-impregnated flexible liner is inserted into the existing pipe and expanded (via pressure) to form a tight fit in the existing pipe. The resin is then cured by circulating hot water or steam within the tube resulting in a hard, seamless, structurally sound pipe inside the old pipe. Once the new pipe has cured, service lines are reestablished internally through use of a remote cutting device which travels down the main to the previously recorded service locations. CIPP can be installed with minimal disruptions to traffic flow and does not require surface restoration. This project will greatly improve the structural integrity of these sewer mains and will eliminate all sewer joints between manholes preventing the intrusion of roots. Locations with protruding service connections, deformed pipes, or off-set joints may require excavation for repair before the CIPP rehabilitation occurs. Upon completion of the rehabilitation of the sewer mains using CIPP, the city may replace another 3,000 lineal feet of sewer mains in need of upgrade through the use of open cut trench replacement. The city may also add additional manholes to the system to increase the ability of the city to perform operation and maintenance on the sewer collection system.

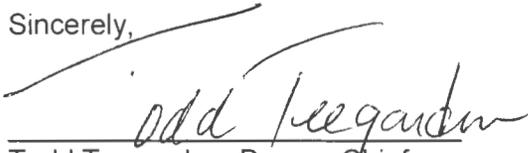
Pursuant to ARM 17.40.318, the Montana Department of Environmental Quality has concluded that the proposed project meets the Categorical Exclusion criteria of the National Environmental Policy Act (NEPA) and the Montana Environmental Policy Act (MEPA). The Categorical Exclusion may be revoked if the 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.

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

Dennis Holten, Public Works Director
City of Columbus
408 E. 1st Avenue North
Columbus, Montana 59019
Phone (406) 322-5313

Sincerely,

A handwritten signature in black ink that reads "Todd Teegarden". The signature is written in a cursive style and is positioned above a horizontal line.

Todd Teegarden, Bureau Chief
Technical & Financial Assistance Bureau
Planning Prevention & Assistance Division
Montana Department of Environmental Quality



NOTE: CITY BLOCKS AND LOT LINES ARE SHOWN AS APPROXIMATE. NO LEGAL SURVEY WAS CONDUCTED FOR DETERMINATION OF EXISTING RIGHT-OF-WAY.

PROPOSED CIPP LOCATIONS



2 of 2

INTERSTATE ENGINEERING
 Professional you need, people you trust

Interstate Engineering, Inc.
 P.O. Box 20653
 1211 Grand Avenue Suite 6
 Billings, Montana 59104
 Ph (406) 256-1820
 Fax (406) 256-8178
 www.interstateeng.com
 Draw others in this case, please use Best Drawn

COLUMBUS CIPP SEWER REHAB
 COLUMBUS, MONTANA
 DEQ-STATE EXHIBITSEAST CIPP SITE PLAN

Drawn By: BAB
 Checked By: CAV

Project No.: Y15-00-089
 Date: 10/20/15

Revision No.	Date	By	Description



NOTE: CITY BLOCKS AND LOT LINES ARE SHOWN AS APPROXIMATE. NO LEGAL SURVEY WAS RUN IN CONNECTION DETERMINATION OF EXISTING RIGHT-OF-WAY.

PROPOSED CIPP LOCATIONS



1
1
2

INTERSTATE ENGINEERING
 Performance. Your need. people who help.

Interstate Engineering, Inc.
 P.O. Box 20953
 1211 Grand Avenue Suite 6
 Billings, Montana 59104
 Ph (406) 258-1920
 Fax (406) 258-9178
 www.interstateeng.com
 Our offices in Minneapolis, North Dakota and South Dakota.

COLUMBUS CIPP SEWER REHAB
COLUMBUS, MONTANA
WEST CIPP SITE PLAN

Drawn By: BAB
 Checked By: CAV

Project no: Y15-00-089
 Date: 10/20/15

Revision No	Date	By	Description