



PUBLIC NOTICE NO. MT-21-01
January 11, 2021

PURPOSE OF PUBLIC NOTICE

The purpose of this notice is to state the Department's intention to issue a wastewater discharge permit to the facility listed in this notice. This permit is issued by the Department under the authority of 75-5-402, Montana Code Annotated (MCA) and the Administrative Rules of Montana 17.30.1001 et seq., Montana Ground Water Pollution Control System (MGWPCS). The Water Protection Bureau has prepared a draft permit for the facility listed below. Copies of the draft permit, fact sheet, and environmental assessment are available upon request from the Water Protection Bureau or on the Department's website www.deq.mt.gov

APPLICANT INFORMATION

APPLICANT: **Four Corners Water & Sewer District**

FACILITY NAME: **Four Corners Water & Sewer District's Wastewater Treatment System, Inclusive of Elk Grove Wastewater Treatment Plant**

FACILITY LOCATION: **Wastewater Treatment Plant and Outfalls are on either side of Elk Grove Lane, with Outfalls along Milwaukee Road, South of Four Corners, Gallatin County**

RECEIVING WATER: **Outfalls 001 and 003 – Class I Ground Water**

PERMIT NUMBER: **MTX000110**

A determination has been made by DEQ to reissue a Montana Ground Water Pollution Control System (MGWPCS) permit, MTX000110, to Four Corners Water & Sewer District for Four Corners Water & Sewer District's Wastewater Treatment System. This permitting action authorizes discharge of treated wastewater to ground water. The scope of this permitting action is for the construction, operation, and maintenance of the existing and proposed wastewater treatment and disposal system.

The Four Corners Water & Sewer District's wastewater collection and treatment system treats and disposes of septic wastewater from subdivisions and commercial lots in the area around Four Corners. The treatment plant for Outfall 001 is a closed loop reactor with extended aeration, secondary clarification, aerobic sludge digestion, and ultraviolet (UV) disinfection. Level 2 treatment is achieved. The treated effluent can be disposed to outfalls that consist of pressure dosed infiltration/percolation cells, drainfields, rapid infiltration and infiltration percolation basins. An additional disposal area that hasn't yet been built or used will be a sprinkler irrigation area where the effluent is applied to the surface at agronomic rates. This area is not regulated within this MGWPCS permit.

It is proposed to increase the permitted discharge quantity at Outfall 003 to 1.4 MGD and replace the existing subsurface rapid infiltration system with open infiltration percolation basins. A Sequencing Batch Reactor will be constructed to achieve a higher level of treatment (Level 2). There are no proposed changes to permitted Outfalls 001 and 004. Outfall 002 will be eliminated as it has never been constructed. Improvements will provide additional future capacity and provide the operators with access for cleaning and scarifying the basins.

In summary the permit modification addresses:

- Increase discharge capacity of Outfall 003 to 1.4 MGD and replace subsurface rapid infiltration galleries (RI) with open infiltration/percolation basins (I/P).
- Sequencing Batch Reactor construction with discharge capacity of 1.2 MGD.
- Outfall 002 will be eliminated

As the modifications to the system constitute an increased discharge, DEQ performed new nonsignificance determinations to meet nondegradation requirements.

DEQ recognizes that in comparison to conventional septic treatment, the Four Corners Water & Sewer District's wastewater collection and treatment system has historically provided a higher level of treatment for nutrients. The discharge structure's locations are:

Outfall 001:

Location: Latitude: 45.63933° Longitude: -111.18276°; 673 Elk Grove Lane, Bozeman, MT 59718. SW ¼ NW ¼ Section 25, Township 02 South, Range 04 West, Lot 4, Platt J-316, Elk Grove Subdivision Phase 1, Lot 02; Gallatin County.

Outfall 003:

Location: Latitude: 45.66546° Longitude: -111.19148°; 1981 Milwaukee Road, Bozeman, MT 59718. Section 14, Township 02 South, Range 04 East, Lots 193, 194, 199, 200, PLAT D-42, Rainbow Subdivision; Gallatin County.

PUBLIC COMMENT

Public comments are invited **ANYTIME PRIOR TO CLOSE OF BUSINESS February 11, 2021.** Comments may be directed to the DEQ Water Quality Division, Water Protection Bureau, PO Box 200901, Helena, MT 59620. All comments received or postmarked **PRIOR TO CLOSE OF BUSINESS February 11, 2021,** will be considered in the formulation of final determinations to be imposed on the permit. If you wish to comment electronically, you may e-mail DEQWPBPublicComments@mt.gov.

During the public comment period provided by the notice, the Department will accept requests for a public hearing. A request for a public hearing must be in writing and must state the nature of the issue proposed to be raised in the hearing (ARM 17.30.1024).

The Department will respond to all substantive comments and issue a final decision within sixty days of this notice or as soon as possible thereafter. Additional information may be obtained upon request by calling (406) 444-5546 or by writing to the aforementioned address. The complete administrative record, including permit application and other pertinent information, is maintained at the Water Protection Bureau office in Helena and is available for review during business hours.

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