



Montana Department of  
**ENVIRONMENTAL QUALITY**

Brian Schweitzer, Governor

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Website: [www.deq.mt.gov](http://www.deq.mt.gov)

PUBLIC NOTICE NO. MT-11-18  
July 11, 2011

PURPOSE OF PUBLIC NOTICE

The purpose of this notice is to state the Department's intention to issue wastewater discharge permits to the facilities listed in this notice. These permits are issued by the Department under the authority of 75-5-402, Montana Code Annotated (MCA); the Administrative Rules of Montana (ARM) 17.30.1301 *et seq.*, Montana Pollutant Discharge Elimination System (MPDES); ARM 17.30.1001 *et seq.*, Montana Ground Water Pollution Control System (MGWPCS); and Sections 402 and 303 of the Federal Clean Water Act. The Water Protection Bureau has prepared draft permits for the facilities listed below. Copies of the draft permits, statements of basis, and environmental assessments are available upon request from the Water Protection Bureau or on the Department's website [www.deq.mt.gov](http://www.deq.mt.gov).

APPLICANT INFORMATION

APPLICANT: Ennis Hot Springs, LLC

FACILITY NAME: Ennis Hot Springs

FACILITY LOCATION: Rte 287 Approximately one mile north of Ennis, MT  
Township 5 South, Range 1 West, Section 28

RECEIVING WATER: Outfall 001: Moore Creek

PERMIT NUMBER: MT0028843

This is a renewal of the MPDES permit MT0028843 for Ennis Hot Springs. Untreated artesian geothermal water flows into a cooling pond, which overflows into a cooling channel to the receiving water, Moore Creek. The permit contains an effluent pH limit and monitoring for flow, pH, temperature, arsenic, and Total Dissolved Solids (TDS) at Outfall 001 (outlet from the 4-acre cooling pond). Additional monitoring is required upstream and downstream from the cooling channel discharge into Moore Creek.

On September 21, 2000, a U.S. District Judge issued an order stating that until all necessary total maximum daily loads (TMDLs) under Section 303(d) of the Clean Water Act are established for a particular water quality limited segment, the State is not to issue any new

permits or increase permitted discharges under the MPDES program. The order was issued in the lawsuit *Friends of the Wild Swan v. U.S. EPA, et al.*, CV 97-35-M-DWM, District of Montana, Missoula Division. The Department finds that the issuance of this proposed permit does not conflict with the order because it is not a new or increased permit.

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APPLICANT INFORMATION

APPLICANT NAME: City of Bozeman  
FACILITY NAME City of Bozeman Water Treatment Plant  
FACILITY LOCATION: Section 06, Township 03 South, Range 06 East,  
Gallatin County  
RECEIVING WATER: Class I ground water  
PERMIT NUMBER: MTX000224

This new Montana Ground Water Pollution Control System (MGWPCS) permit is for the City of Bozeman (Bozeman) to discharge domestic and industrial wastewater to state ground water from the Bozeman Water Treatment Plant (WTP).

Bozeman plans to construct a new WTP building and drainfield. Domestic, industrial and other wastewater will originate from the proposed WTP building and nearby Operator's home. The design capacity for the associated wastewater treatment system is 3,050 gpd as based on daily maximum flow. This collective wastewater is then sent through conventional treatment via a 9,000 gallon septic tank, 8,000 gallon dose tank, and a 112x200 ft. subsurface drainfield. The drainfield discharges the wastewater to shallow ground water. The drainfield will be permitted under the proposed MGWPCS permit as Outfall 002.

The proposed location of the drainfield is approximately 300 feet east of the existing WTP building. It is situated in the southeast ¼ of Section 06, Township 03 South, Range 06 East, or 45° 35' 56" North Latitude and -111° 01' 24" West Longitude.

The Department has determined pursuant to ARM 17.30.505 that a standard mixing zone is applicable for the nitrate parameter. A mixing zone is not authorized for any other parameters.

PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS August 10, 2011. Comments may be directed to the DEQ Permitting & Compliance Division, Water Protection Bureau, PO Box 200901, Helena, MT 59620. All comments received or postmarked PRIOR TO CLOSE OF BUSINESS August 10, 2011 will be considered in the formulation of final

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determinations to be imposed on the permits. If you wish to comment electronically, you may e-mail Noelle Uncles or Barb Sharpe at [WPBPublicNotices@mt.gov](mailto:WPBPublicNotices@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 17.30.1373 and 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) 444-3080 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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