



Montana Department of  
**ENVIRONMENTAL QUALITY**

Brian Schweitzer, Governor

P. O. Box 200901

Helena, MT 59620-0901

(406) 444-2544

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

PUBLIC NOTICE NO. MT-11-11  
May 2, 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: City of Helena

FACILITY NAME: City of Helena Tenmile Water Treatment Plant

FACILITY LOCATION: 1115 Rimini Road, Helena, MT 59601

RECEIVING WATER: Outfall 002: Unnamed Tributary to Tenmile Creek

PERMIT NUMBER: MT0028720

This is a re-issued notice for renewal of the MPDES permit MT0028720 for the City of Helena Tenmile Water Treatment Plant and replacement of the ground water permit MGWPCS-G2001. The Department is re-issuing the draft to ensure the public had sufficient opportunity to review the attachments that were inadvertently omitted from the electronic public notice, correct an administrative error that transposed the maximum daily and average monthly effluent limits for dissolved aluminum, and revise the analysis for total recoverable iron effluent limit development.

The facility discharges into an unnamed tributary to Tenmile Creek. The permit contains interim effluent limits for Total Suspended Solids (TSS), Total Residual Chlorine (TRC), and Dissolved Aluminum; additional final effluent limits of Total Recoverable Arsenic,

Cadmium, and Zinc beginning January 1, 2016; and additional monitoring for Total Recoverable Copper, Iron, Lead, Manganese, Total Dissolved Solids (TDS) and *E.Coli* bacteria. Monitoring of the effluent is required at the end of the third lagoon, prior to discharge. The permit also includes a special conditions and schedule section for implementing any necessary changes to meet the new effluent limits.

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 permit and a TMDL has been completed and is incorporated into the permit.

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APPLICANT: Genesis Business Park Owners Association  
895 Technology Blvd  
Suite 101  
Bozeman, MT 59718

FACILITY NAME: Genesis Business Park

FACILITY LOCATION: Section 23, Township 2 South, Range 5 East,  
Gallatin Valley

RECEIVING WATER: Outfall 001: Class I Ground Water

PERMIT NUMBER: MTX000223

The existing wastewater treatment system will treat and discharge domestic wastewater. The applicant indicated the wastewater treatment system will have a design capacity of 10,426 gallons per day (gpd). The proposed upgrades to the wastewater treatment system will include the following components. Wastewater will be delivered to either one 20,000 gallon septic tank or one 9,000 gallon septic tank. Wastewater will then be delivered to one 4,000 gallon recirculation tank, recirculating sand filter and one 1,600 gallon tank to collect and distribute wastewater. At this point wastewater is split. 80% of the volume is diverted back into the aforementioned system and 20% of the wastewater will be diverted through either a de-nitrification catalyst (carbon source) or a polishing filter. Prior to discharge, wastewater will be treated in a Megatron ultraviolet disinfection unit. Wastewater will then be distributed to four existing, pressure dosed, subsurface drainfields for discharge to ground water.

The proposed permit authorizes discharge of domestic wastewater to a drainfield which will then

Public Notice No.: MT-11-11

May 2, 2011

Page 3 of 3

discharge to ground water, which is the receiving water for this source. Outfall 001 is located at Section 23, Township 2 South, Range 5 East, Gallatin County, or North 45° 39' 23" latitude and West -111° 04' 05" longitude.

The discharge does constitute a new or increased source and is subject to Montana Nondegradation Policy (75-5-303, MCA). The permit contains numeric permit limits and monitoring requirements in accordance with the Montana Water Quality Act.

#### PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS June 1, 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 June 1, 2011 will be considered in the formulation of final 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.

PUBLIC NOTICE NO. MT-11-11

May 2, 2011

DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER PROTECTION BUREAU  
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LEGISLATIVE ENVIRONMENTAL POLICY OFFICE  
RM 171 STATE CAPITOL BUILDING  
INTERAGENCY MAIL