



Brian Schweitzer, Governor

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LEGISLATIVE ENVIRONMENTAL  
POLICY OFFICE

PUBLIC NOTICE NO. MT-06-02  
February 10, 2006

PURPOSE OF PUBLIC NOTICE

The purpose of this notice is to state the Department's intention to issue a wastewater discharge permit and mixing zone 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, statement of basis, and environmental assessment 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 NAME: Broadwater Development, LLC  
7310 Highway 12 West  
Helena, Montana 59601

FACILITY NAME: Broadwater Estates Subdivision

FACILITY LOCATION: N ½ of Section 28 and S ½ of Section 21, Township 10 North,  
Range 4 West, Lewis and Clark County

RECEIVING WATER: Outfall 001A: Ground Water  
Outfall 001B: Ground Water

PERMIT NUMBER: MTX 000157

The permit authorizes the discharge of treated domestic wastewater from a subdivision consisting of 50-single family homes, 9-duplexes and a 20-person assisted living facility. The raw wastewater will receive primary treatment in individual septic tanks at each service, followed in series by individual

fixed film trickling filter systems. The treated wastewater will be discharged via two pressure-dosed drainfields. The discharge from the drainfields will contain elevated levels of total dissolved solids, nitrogen, phosphorus and pathogens. The applicant is required to monitor the effluent monthly for, BOD, TSS, nitrogen, phosphorus, arsenic and pathogens; and, monitor local ground water monthly to ensure the effective removal of nitrogen and pathogens. Due to site conditions the permit also requires the permittee to provide to the department for approval prior to discharge a disinfection treatment facility design. A 500-foot standard ground water mixing zone for nitrate has been granted for each drainfield. Effluent limits in the permit ensure compliance with Montana ground water standards. The department has determined that the discharge of treated effluent in compliance with the limits in the permit will not cause degradation of state water.

#### PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS March 13, 2006.

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 March 13, 2006 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 Dianne McKittrick 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 17.30.1024).

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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