



**Montana Department of
ENVIRONMENTAL QUALITY**

Brian Schweitzer, Governor

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PUBLIC NOTICE NO. MT-06-03
March 10, 2006

**LEGISLATIVE ENVIRONMENTAL
POLICY OFFICE**

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.

APPLICANT INFORMATION

APPLICANT NAME: Belgrade Commercial Park Corp.
FACILITY NAME: Belgrade Gardens Phases 2 & 3 Wastewater Treatment System
FACILITY LOCATION: NE ¼ Section 34, Township 1 North, Range 4 East,
Gallatin County
RECEIVING WATER: Class I ground water
PERMIT NUMBER: MTX000136

The permit authorizes the discharge of treated residential-strength wastewater from 81 single family homes northwest of Belgrade. The wastewater will receive treatment in individual septic tanks located on each lot and then final treatment and disposal in a pressure-dosed subsurface drainfield (Outfall 001). The design effluent rate of the treatment system is 24,300 gallons per day. The location of Outfall 001 is 45° 47' 48" North Latitude and 111° 12' 14" West Longitude. Discharge is to groundwater, which is classified "Class I" by the Montana Groundwater Quality Standard

Ground water beneath the property is listed as Class I by the Administrative Rules of Montana [ARM 17.30.1006 (1)(a)]. Class I ground water is suitable for public and private water supplies, culinary and

food processing purposes, irrigation, drinking water for livestock and wildlife and for industrial and commercial uses. Applicable water quality standards for Class I ground water are given in ARM 17.30.1006(1). The discharge from the drainfield will contain elevated levels of biological oxygen demand (BOD), total suspended solids (TSS), nitrogen, phosphorus and pathogens.

The permittee is required to monitor the effluent quarterly to ensure the proper treatment of BOD, TSS, phosphorus, nitrogen, and fecal coliform bacteria. The draft discharge permit grants a standard 500-foot ground water mixing. The permittee is also required to conduct quarterly ground water monitoring from two wells, one will be located within 100 feet of the downgradient end of Outfall 001 and the second at the downgradient end of the Outfall 001 mixing zone. The Department has determined that the discharge will not cause significant degradation of the ground water. Ground water monitoring is conducted to insure nondegradation limits in the ground water are not exceeded.

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APPLICANT NAME: River Rock County Water and Sewer District

FACILITY NAME: River Rock Subdivision

FACILITY LOCATION: SW ¼ Section 3, Township 1 South, Range 4 East,
Gallatin County

RECEIVING WATER: Class I ground water

PERMIT NUMBER: MTX000147

The permit authorizes the discharge of treated residential-strength wastewater from 1,192 single family homes, a school, and several retail businesses west of Belgrade. The wastewater will receive treatment in two aerated lagoons prior to discharge to the ground via up to eight Infiltration/Percolation (IP) beds (Outfall 001). The design effluent rate of the treatment system is 374,000 gallons per day. The location of Outfall 001 is 45° 46' 44" North Latitude and 111° 13' 24" West Longitude. Discharge is to groundwater, which is classified "Class I" by the Montana Groundwater Quality Standards.

Ground water beneath the property is listed as Class I by the Administrative Rules of Montana [ARM 17.30.1006 (1)(a)]. Class I ground water is suitable for public and private water supplies, culinary and food processing purposes, irrigation, drinking water for livestock and wildlife and for industrial and commercial uses. Applicable water quality standards for Class I ground water are given in ARM 17.30.1006(1). The discharge from the drainfield will contain elevated levels of biological oxygen demand (BOD), total suspended solids (TSS), nitrogen, phosphorus and pathogens.

The permittee is required to monitor the effluent quarterly and semi-annually (for metals) to ensure the proper treatment of BOD, TSS, phosphorus, nitrogen, metals and fecal coliform bacteria. The draft discharge permit grants a standard 500-foot ground water mixing. The permittee is also required to conduct quarterly ground water monitoring from two wells, one will be located within 100 feet of the

northeast corner (downgradient corner) of Outfall 001 and the second within 100 feet of the southwest corner (upgradient corner) of Outfall 001. The Department has determined that the discharge will not cause a violation of ground water quality standards. Ground water monitoring is conducted to insure ground water quality limits are not exceeded.

PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS April 10, 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 April 10, 2006 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 Dianne McKittrick at 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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