



PUBLIC NOTICE NO. MT-09-41
November 2, 2009

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) and the Administrative Rules of Montana 17.30.1001 *et seq.*, Montana Ground Water Pollution Control System (MGWPCS). 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:	Joe Menicucci, City Manager 91 East Central Avenue Belgrade, Montana 59714
FACILITY NAME	Belgrade Wastewater Treatment Plant
FACILITY LOCATION:	Southeast ¼ of Section 36, Township 1 North, Range 4 East, and Northwest ¼ of Section 6, Township 1 South, Range 5 East, Gallatin County
RECEIVING WATER:	Class I ground water
PERMIT NUMBER:	MTX000116

The permit renewal authorizes the discharge of treated residential-strength domestic wastewater from the Belgrade Wastewater Treatment Plant, which is a publicly-owned wastewater treatment works (POTW) that collects, treats, and disposes of a daily design capacity of 903,000 gallons per day (gpd) of effluent from a maximum of 3,918 households with 2.68 people per residence, which is equivalent to 86 gpd per capita for 10,500 people. At the time of this permit renewal, the facility was serving 6,000 people including 139 commercial-small-business connections. Wastewater treatment occurs in a series of 3 lagoons (i.e., "cells"). Mixers/aerators are installed and used as needed to reduce odors. Effluent is discharged from the final lagoon/Cell #3 (last point of control and effluent

sampling location) to one or more of 3 separate groups of rapid infiltration-percolation (IP) ponds (i.e., Outfall 001A, 002B, and 003C), which discharge to the shallow ground water.

Ground water beneath the property is listed as Class I, according to the Administrative Rules of Montana [ARM 17.30.1006(1)]. The permittee is required to monitor the effluent monthly and the quality of the shallow ground water quarterly to ensure the proper treatment of BOD, TSS, phosphorous, and nitrogen. The draft discharge permit grants three 500-foot standard ground water mixing zones.

APPLICANT INFORMATION

APPLICANT:	Utility Solutions, LLC PO Box 10098 Bozeman, MT 59719
FACILITY NAME:	Elk Grove Wastewater Treatment System
FACILITY LOCATION:	Section 23, Township 2 South, Range 4 East, Gallatin County
RECEIVING WATER:	Outfall 001: Class I Ground Water Outfall 002A: Class I Ground Water Outfall 002B: Class I Ground Water Outfall 003: Class I Ground Water Spray Irrigation: Class I Ground Water
PERMIT NUMBER:	MTX000110

This is a renewed permit for an existing wastewater treatment system to service the Utility Solutions, LLC service area.

The wastewater treatment system has the capacity to discharge a maximum daily flow of 75,000 gallons per day (gpd, design capacity) to the groundwater, and has received plan and specification approval from the Department to expand to 150,000 gpd. The proposed permit authorizes discharge of residential strength wastewater to four discharge locations which will then discharge to the receiving water, class I ground water.

Outfall 001 is located at N 45°38'22" latitude and W 111°10'55" longitude; it consists of 12 infiltration/percolation cells. Outfalls 002A and 002B are located at N 45°39'45" latitude and W 111°11'18" longitude; they are a primary and replacement drainfield that have not been constructed. Outfall 003 is located at N 45°39'58" latitude and W 111°11'28" longitude; it is a series of rapid

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infiltration beds that have been partially constructed. The spray irrigation area is located at N 45°38'27" latitude and W 111°11'39" longitude; it has not been constructed.

PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS **December 4, 2009**. 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 **December 4, 2009** 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 Bree Duffy or Barb Sharpe 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 17.30.1024).

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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