



Montana Department of
ENVIRONMENTAL QUALITY

Brian Schweitzer, Governor

P. O. Box 200901

Helena, MT 59620-0901

(406) 444-2544

Website: www.deq.mt.gov

PUBLIC NOTICE NO. MT-10-26

September 7, 2010

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: Tenneson Family LLC
3630 York Road
Helena, MT 59602

FACILITY NAME: Hayfield Estates Subdivision

FACILITY LOCATION: Township 10 North, Range 2 West, Section 7,
Southwest ¼ of the Southwest ¼ of the Northeast ¼ or
46.63953 latitude and 111.91175 longitude.

RECEIVING WATER: Outfall 001: Class I Ground Water

PERMIT NUMBER: MTX000190

The existing Hayfield Estates Subdivision (HES) will consist of 48 single-family homes. The HES wastewater treatment system includes gravity effluent mains that will transport wastewater from each residence to a centralized recirculating sand filter, and drainfield. The wastewater treatment system will have the capacity to discharge a daily maximum of 14,400 gpd (design capacity) to the groundwater. The proposed permit authorizes discharge of residential strength wastewater to two (2) multi-zoned subsurface drainfields. The drainfields are up-gradient hydraulically, and on the south side of the

proposed subdivision. The discharge points from the dose tank are identified as Outfall 001. The Department has developed numeric effluent limits for the parameters of Total Nitrogen and Phosphorous. Additional monitoring will be include flow rate, Biological Oxygen Demand (BOD₅), Total Kjeldahl Nitrogen, NO₃+NO₂ as N, Total Phosphorus, Total Dissolved Solids, Total Nitrogen (mg/L and lb/d) and Total Phosphorus lb/d. The Department has determined that the discharge constitutes a "new or increased source" and is subject to Montana Nondegradation Policy (75-5-303, MCA ARM 17.30.702(16)).

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APPLICANT NAME: City of Choteau
38 1st Ave NW
Choteau, MT 59422

FACILITY NAME: City of Choteau Wastewater Treatment Facility

FACILITY LOCATION: T24N, R5W, Section 36
Teton County

RECEIVING WATER: Unnamed man-made ditch which drains to Teton River

PERMIT NUMBER: MT0020052

This permit is a reissuance of a Montana Pollutant Discharge Elimination System (MPDES) permit for surface discharge of treated wastewater to an unnamed man-made ditch which drains to the Teton River. The City of Choteau operates a single-cell, 27-acre facultative lagoon without effluent disinfection and a design flow of 0.30 million gallons per day. An ultra violet light (UV) effluent disinfection installation is scheduled for completion by September 30, 2010. The domestic wastewater collection and treatment system serves approximately 1,780 people. The proposed permit will apply secondary treatment standards for pH and five-day biochemical oxygen demand (BOD₅), alternative state requirements treatment for total suspended solids (TSS) and year-round pathogen limits, as measured by *Escherichia coli* (*E. coli*). In addition, effluent limits have been imposed for oil and grease. A compliance schedule is included in the permit that requires evaluation of infiltration/inflow reduction efforts, design and construction of upgraded facilities capable of achieving compliance with effluent load limits for BOD₅ and TSS and 85 % removal of BOD₅, and addressing future total ammonia-N limits. The proposed permit requires periodic self-monitoring of discharge quality and quantity, as well as the receiving water, with monthly reporting of results. This permit and Statement of Basis will be submitted to the EPA for approval.

On September 21, 2000, a U.S. District Judge issued an order stating that until all necessary total maximum daily loads 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., CA 97-35-M-DWM, District of Montana, Missoula Division. The DEQ finds that the issuance of this proposed permit does not conflict with the order because this is not a new or increased source.

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APPLICANT INFORMATION

APPLICANT: Baldwin Lynch Energy Corporation
9222 Prototype Drive
Reno, NV 89521

FACILITY NAME: Baldwin Treatment Facility

FACILITY LOCATION: 7 Miles Southwest of Belfry, MT
T9S, R22E, Section 15, Carbon County, MT
N 45.049986° W 109.02291°
Belfry, MT 59008

RECEIVING WATER: Outfall 001: Hollenbeck Draw

PERMIT NUMBER: MT0031666

The permittee proposes to produce natural gas from Baldwin project area southwest of Belfry, in Carbon County, MT, and to discharge treated produced water into Hollenbeck Draw. The effluent is proposed to be treated using Reverse Osmosis (RO) technology. Because the receiving water is ephemeral drainage, no mixing zone was granted. All the permit limitations must be met at the end of pipe. Effluent limitations for Outfall 001 were developed based on non-degradation criteria to protect the existing and anticipated uses of the receiving water. Effluent monitoring for Outfall 001 is proposed.

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PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS October 7, 2010. 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 October 7, 2010 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 Sandoval 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 17.30.1373 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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TODD EVERTS
LEGISLATIVE ENVIRONMENTAL POLICY OFFICE
RM 171 STATE CAPITOL BUILDING
INTERAGENCY MAIL

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WATER PROTECTION BUREAU
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