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Montana Department of
ENVIRONMENTAL QUALITY

LEGISLATIVE ENVIRONMENTAL

POLICY OFFICE

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PUBLIC NOTICE NO. MT-14-01

January 6, 2014

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: City of Forsyth

APPLICANT ADDRESS: PO Box 226
Forsyth, MT 59327

APPLICANT STATUS: MPDES Permit - Renewal

FACILITY LOCATION: Rosebud County

PERMIT NUMBER: MT0021288

EXPIRATION DATE: Five years after the date of issuance

RECEIVING WATERS: Yellowstone River

This is a reissuance of the MPDES permit for the City of Forsyth Wastewater Treatment Plant. The plant consists of an extended aeration oxidation ditch, a 36-foot diameter peripheral fed clarifier, a chlorine contact chamber, an aerobic digester, three sand lined sludge drying beds, return and waste sludge pumping, and an emergency overflow pond. Effluent limits in this permit will be protective of beneficial uses. A compliance schedule has been proposed to address effluent disinfection capabilities. This permit does not authorize any new or increased discharges subject to the MT Nondegradation rules.

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., CV 97-35-M-DWM, District of Montana, Missoula Division.

DEQ finds that renewal of this permit does not conflict with Judge Molloy's Order (CV 97-35-M-DVM); therefore, the issuance of this permit does not conflict with the order because this discharge does not constitute a new or increased discharge under the Montana Pollutant Discharge Elimination System.

The proposed permit requires periodic self-monitoring of the discharge quality and quantity with monthly reporting of results. The recommended expiration date for the permit is five years from the date of issuance.

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APPLICANT: Barretts Minerals, Incorporated
8625 Highway 91 South
Dillon, MT 59725

FACILITY NAME: Treasure Mine

FACILITY LOCATION: Madison County; T7S, R6W, Sec.14 and 15;
Lat. 45°13'41"N, Long. 112°19'15"W

RECEIVING WATER: Outfall 001: Left Fork Stone Creek
Outfall 002: Left Fork Stone Creek

PERMIT NUMBER: MT0029891

This is a renewal of the MPDES permit for the Treasure Mine owned by Barretts Minerals, Incorporated. The facility proposes to discharge industrial wastewater associated with an open-pit talc mine to Left Fork Stone Creek (LFSC). The mine pit has been constructed adjacent to the pre-mining drainage of LFSC, and a waste rock pile has been placed in the drainage-way with an engineered rock drain at its base. Barretts Minerals discharges wastewater through two outfalls to LFSC, which is classified as a perennial B-1 stream.

For Outfall 001, the pH effluent limit is retained, while limits for total nitrogen and nitrate plus nitrite are added. The location for Outfall 001 and its' monitoring location is redefined as the point where LFSC emerges from the toe of the mine. Wastewater discharged at Outfall 001 receives no treatment.

For Outfall 002, the limits for pH and total suspended solids (TSS) are retained. The oil and

grease permit limit is dropped because there was no reasonable potential (RP) to exceed water-quality standards. Limits for total nitrogen and nitrate plus nitrite are added. The location of Outfall 002 and associated monitoring is redefined as the point where wastewater discharges from the lined settling pond on top of the rock drain that receives water from the pit-bottom sump pump. Wastewater discharged at Outfall 002 is treated by settling.

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 it is not a new permit and does not allow any increase in the pollutant to the receiving water.

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PERMITTEE: Anaconda-Deer Lodge County
800 South Main Street
Anaconda, MT 59711

FACILITY NAME: Anaconda-Deer Lodge County Wastewater Holding Ponds and
IP Beds Facility

FACILITY LOCATION: Intersection of Galen Highway and Lost Creek Road
Anaconda, MT 59711
Deer Lodge County

RECEIVING WATER: Outfall 001: Class I Ground Water

PERMIT NUMBER: MTX000231

This is an issuance of a new Montana Ground Water Pollution Control System (MGWPCS) permit for the existing Anaconda-Deer Lodge County Wastewater Holding Ponds and IP Beds Facility (facility) located in Anaconda, MT. This facility is owned and operated by Anaconda-Deer Lodge County (permittee). The facility, located northeast of Anaconda and east of the intersection of Galen Highway and Lost Creek Road, serves an estimated 3,125 households. There are also 170 industrial and/or business connections. The raw wastes from most of these connections are residential strength in nature.

The facility consists of headworks with a fine screen for grit and debris removal, two partially aerated lagoons, two holding ponds, five (5) rapid infiltration beds, and an effluent irrigation facility; the effluent irrigation facility is not covered under the issuance of this permit. The raw wastes from the city of Anaconda are collected and directed into the facility via an 18-inch main. The raw wastes flow through the headworks where the fine screen removes the grit and debris from the raw waste stream. After the headworks, the waste stream enters the two partially aerated lagoons for treatment; these lagoons have a

retention time of 30-45 days and may be operated in either series or parallel. After treatment in the lagoons, the effluent enters two holding ponds. The first holding pond is lined; the second holding pond has lined sides and an unlined bottom. Excess effluent is directed into the second holding pond once the first holding pond is filled. From the second holding pond the effluent is disposed of in one of three manners: direct infiltration from the bottom of the second holding pond itself, directed into one of the five infiltration/percolation (IP) beds for infiltration, or it is pumped to the facility's nearby land application site via a 15-inch main. Disposal of the effluent from the facility via land application is not covered or addressed under this MGWPCS permit. Both the second holding pond and the five IP beds discharge into Class I ground water. The second holding pond and the five IP beds are in close proximity to each other and receive the same treated wastewater from the same collection system. As such, these two structures are designated as a single outfall (Outfall 001).

PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS February 6, 2014. 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 February 6, 2014 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 David Dunbar 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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