



PUBLIC NOTICE NO. MT-09-20
June 29, 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); 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: Paradine Mill, Inc
161 Keating Gulch
Radersburg, MT 59641

FACILITY NAME: Paradine Mill

FACILITY LOCATION: West ½ Section 21, T 5N, R 1E, Broadwater County,

RECEIVING WATER: Class I Ground Water

PERMIT NUMBER: MTX000097

The Department is renewing a ground water pollution control system permit for the Paradine Mill (formerly called the Geneva Mill), a small contract mill located south of Radersburg. Typical ores processed are milled for trace metals such as lead, silver, copper, and gold. The Paradine Mill does not have a site-specific mine for its services. The mill uses floatation to separate the ore concentrate from the waste rock (tailings). Tailings are disposed in lined tailings impoundments located geographically north of the mill. Discharges to ground water are not permitted. The permit contains ground water monitoring, reporting, and other terms and conditions used to protect the beneficial uses of the ground water.

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APPLICANT NAME: Chico Hot Springs Resort and Day Spa
c/o: Greg Saks, Operations Manager
#1 Old Chico Road, P.O. Box 29
Pray, Montana 59065

FACILITY NAME Chico Hot Springs Resort and Day Spa

FACILITY LOCATION: Southwest ¼ of Section 1, Township 6 South, Range 8
East, Park County

RECEIVING WATER: Class I ground water

PERMIT NUMBER: MTX000105

The permit renewal authorizes the discharge of treated residential-strength domestic wastewater from the Chico Hot Springs Resort and Day Spa's wastewater treatment facility, which collects, treats, and disposes of a daily design flow of 11,370 gallons per day (gpd) of effluent from the main lodge building, the lower lodge, a 13-room hotel, and a convention center, year-around. Wastewater treatment occurs in 5 various-capacity septic tanks located on the property. A gravity collection system allows the wastewater to flow from the septic tanks to a lift station. Wastewater is pressure-dosed from a 2,000-gallon dose tank (with two pumps) to four subsurface drainfields. The subsurface drainfields discharge to the shallow ground water (Outfall 001).

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 quarterly to ensure the proper treatment of BOD, TSS, phosphorous, and nitrogen. The draft discharge permit grants a standard 500-foot ground water mixing zone.

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APPLICANT: Golden Estates Home Owners Association
P.O. Box 4217
Helena, MT 59602

FACILITY NAME: Golden Estates III

FACILITY LOCATION: Northeast ¼ of Section 18, Township 10 North, Range 3 West,
Lewis and Clark County

RECEIVING WATER: Outfall 001: Class I Ground Water

PERMIT NUMBER: MTX000135

This is a renewal of an existing permit for the Golden Estates III wastewater treatment system. Golden Estates III consists of 42 single-family residences on approximately 15.5 acres. Golden Estates III wastewater treatment system consists of individual septic tanks, filtration system, lift station, a recirculating tank, recirculating sand filter (RSF), dosing tank, distribution lines and a 4-zoned drainfield. The wastewater treatment system provides service to 42 homes, with a design capacity of 12,600 gallons per day, via a pressure dosed subsurface drainfield. The discharge is cycled between four zones in a single drainfield.

The proposed permit renewal authorizes the permittee to discharge treated domestic wastewater to ground water from a subsurface drainfield identified as Outfall 001. Outfall 001 is situated in the northeast quarter of Section 18, Township 10 North, Range 3 West or 46° 37' 40" North Latitude and 112° 01' 27" West Longitude in Lewis and Clark County, Montana.

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APPLICANT: Flying J Inc.
333 West Center Street
North Salt Lake, Utah 84054-0180

FACILITY NAME: Billings Flying J Travel Plaza

FACILITY LOCATION: Section 30, Township 1 North, Range 27 West,
Yellowstone County

RECEIVING WATER: Outfall 001: Class II Ground Water

PERMIT NUMBER: MTX000104

This is a renewal permit to discharge domestic wastewater from a Truck Stop/Convenience Store/Restaurant (Flying J Travel Plaza). The facility provides public restrooms, showers, restaurant and a RV dumping station facilities. The wastewater discharged from the facility is the result of the restrooms, shower, food preparation associated with the restaurant and RV dumping wastes. The wastewater treatment system was completely replaced in March of 2007. This replacement included the complete excavation of the old sand filter, replacement of the liner, laterals, and filter media.

The permit application and supplemental information indicated a design capacity of 17,800 gallons per day (gpd). Discharge from Outfall 001 is considered a continuous daily discharge and will occur all months of the year. The location of the outfall is 45° 48' 42" Latitude and -108° 25' 08" Longitude situated in T 1N, R 27W, Section 30. This discharge is located on 2775 Old Hardin Road in Billings, Yellowstone County.

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APPLICANT NAME: City of Harlem
P.O. Box 579
Harlem, MT 59526

FACILITY NAME: City of Harlem Wastewater Treatment Plant

FACILITY LOCATION: 10 1st Ave SW, Blaine County
48° 30' 10" N latitude, 108° 47' 35" W longitude

RECEIVING WATER: Milk River

PERMIT NUMBER: MT0021270

This permit is a reissuance of a Montana Pollutant Discharge Elimination System (MPDES) permit for surface discharge of treated wastewater to the Milk River. The City of Harlem operates a five-cell wastewater treatment lagoon (three 0.7-acre aerated cells followed by two 0.17-acre settling cells) that serves approximately 830 people. The proposed permit will apply year round pathogen limits, as measured by *Escherichia coli* (*E. coli*). The proposed permit requires periodic self-monitoring of discharge quality and quantity, 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.

PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS July 29, 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 July 29, 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 Carol Bertke 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).

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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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