



Montana Department of
ENVIRONMENTAL **Q**UALITY

Brian Schweitzer, Governor

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PUBLIC NOTICE NO. MT-11-12

May 16, 2011

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); 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:	City of Bozeman P.O. Box 1230 Bozeman, MT 59771
FACILITY NAME:	City of Bozeman Water Treatment Plant (Hyalite/Sourdough)
FACILITY LOCATION:	7022 Sourdough Canyon Road T3S R6E S6, Gallatin County
RECEIVING WATER:	Bozeman Creek
PERMIT NUMBER:	MT0030155

The Department has made a tentative decision to modify the existing Montana Pollutant Discharge Elimination System (MPDES) permit issued to the City of Bozeman (Bozeman) for surface water discharge from its Hyalite/Sourdough water treatment plant (WTP). The facility has operated at this site since 1957, with upgrades in 1984 and 1991. Their MPDES permit was last renewed in April 2009 and expires May 31, 2014.

Bozeman proposes to construct an entirely new water treatment plant on the site to replace the existing WTP. The proposed plant will have the potential to produce 22 million gallons per day

(mgd) potable water using open flocculation and sedimentation basins, fine strainers, and a membrane treatment system. Solids generated by strainers and membrane backwash will be treated by a gravity thickener and dissolved air floatation (DAF) unit prior to discharge to Bozeman Creek. The design discharge flow rate will increase from the current 0.86 mgd to 1.1 mgd. The average discharge rate to Bozeman Creek at Outfall 001 is expected to be 0.5 mgd.

For the interim, the effluent limits for Outfall 001 will remain the same as under the existing MPDES permit. Beginning six months after the new facility begins operation; Bozeman will be required to comply with new effluent limits: the concentration-based Total Suspended Solids (TSS) effluent limits remain the same, but a 215 pounds per day (lb/day) mass-based TSS effluent limit was added. In addition, the concentration limits for aluminum and total residual chlorine will be more restrictive water-quality based limits. The proposed permit requires periodic self-monitoring of discharge and upstream 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 Department finds that the issuance of this proposed permit does not conflict with the order because the permit does not authorize any new or increased discharge of pollutants.

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APPLICANT: Town of Chester

FACILITY NAME: Town of Chester Wastewater Treatment Facility

FACILITY LOCATION: 507 Coffman Blvd, Chester, MT

RECEIVING WATER: Outfall 001: Cottonwood Creek

PERMIT NUMBER: MT0020338

This is a reissuance of the MPDES permit for the Town of Chester Wastewater Treatment Facility. The facility discharges into Cottonwood Creek. The permit contains effluent limits for BOD₅ and TSS. Monitoring of the effluent is required at the point of discharge.

On September 21, 2000, a U.S. District Judge issued an order stating that until all necessary

Public Notice No.: MT-11-12

May 16, 2011

Page 3 of 3

total maximum daily loads (TMDLs) 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. The DEQ finds that the issuance of this proposed permit does not conflict with the order because it is not a new permit it does not allow any increased load to Cottonwood Creek, and Cottonwood Creek is not listed on the 1996 or 2010 303(d) list.

PUBLIC COMMENT

Public comments are invited ANYTIME PRIOR TO CLOSE OF BUSINESS June 15, 2011. 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 June 15, 2011 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 Noelle Uncles 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).

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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DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER PROTECTION BUREAU
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