



DEPARTMENT CIRCULAR

DEQ-12B

Nutrient Standards Variances

~~NOVEMBER-MARCH 2019-2021~~ EDITION

GENERAL INTRODUCTION

This circular (DEQ-12B) contains information about variances from the base numeric nutrient standards. This information includes details on effluent treatment requirements associated with general nutrient standards variances, as well as effluent treatment requirements for individual nutrient standards variances and to whom they apply.

Circular DEQ-12A contains the base numeric nutrient standards, where the standards apply, and their period of application. Circular DEQ-12A is in a separate document also available from the Department. Circular DEQ-12A is adopted by the Board of Environmental Review under its rulemaking authority in §75-5-301(2), MCA. Unlike DEQ-12A, DEQ-12B (this circular) is not adopted by the Board of Environmental Review. DEQ-12B is adopted by the Department following its formal rulemaking process, pursuant to §75-5-313, MCA.

The Department has reviewed a considerable amount of scientific literature and has carried out scientific research on its own in order to derive the base numeric nutrient standards (see References in DEQ-12A). Because many of the base numeric nutrient standards are stringent and may be difficult for MPDES permit holders to meet in the short term, Montana's Legislature adopted laws (e.g., §75-5-313, MCA) allowing for the achievement of the standards over time via the variance procedures found here in Circular DEQ-12B. This approach should allow time for nitrogen and phosphorus removal technologies to improve and become less costly, and to allow time for nonpoint sources of nitrogen and phosphorus pollution to be better addressed.

Circular DEQ-12B

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1.0 Introduction

Elements comprising Circular DEQ-12B are found below. These elements are adopted by the Department following the Department's formal rulemaking process. Montana state law (§75-5-103 (22), MCA and 75-5-313, MCA) allows for variances from the base numeric nutrient standards (found in Circular DEQ-12A) based on a determination that the base numeric nutrient standards cannot be achieved because of economic impacts, the limits of technology, or both.

1.1 Definitions

1. **Monthly average** means the sum of the daily discharge values during the period in which the base numeric nutrient standard applies divided by the number of days in the sample. See also, "Technical Support Document for Water Quality-based Toxics Control," Document No. EPA/505/2-90-001, United States Environmental Protection Agency, 1991.
2. **Pollutant minimization program** means a structured set of activities to improve processes and pollutant controls that will prevent and reduce nutrient loadings.

2.0 General Nutrient Standards Variances

The general variance treatment requirements in **Table 12B-1** (below) apply to permittees where the Department has demonstrated that immediate compliance with the base numeric nutrient standards, where applicable, would result in substantial and widespread economic impacts. A list of permittees ~~likely to need~~ eligible for the general variance is ~~maintained on the Department's website on the Water Quality Standards webpage~~ found in Appendix A. The requirements in **Table 12B-1** represent the highest attainable condition treatment requirements and must be reviewed by the Department before July 1, ~~2020~~ 2023. The Department will process the general variance request through the discharge permit and include information on the period of the variance and the interim requirements. A person may apply for a general variance for either total phosphorus (TP) or total nitrogen (TN), or both. §75-5-313(8), MCA, authorizes the general variance for a period not to exceed 20 years. Through the permitting process and the specific details of each facility, the time required must be as short as possible to meet the highest attainable condition (HAC). A compliance schedule to meet the treatment requirements shown in **Table 12B-1** may also be granted on a case-by-case basis, provided that permittees are not immediately able to achieve the HAC. If the Department determines a compliance schedule is necessary, it will be granted upon permit renewal. The final permit limit must be expressed as a load only, and when developing monthly average permit limits for general variances for the ≥ 1 MGD and < 1 MGD discharge categories, a coefficient of variation (CV) of 0.6 may be used to determine the Table 5-2 multiplier. Table 5-2 is a component of the permit calculation process and is found in the *Technical Support Document for Water Quality-based Toxics Control* (U.S. EPA, 1991) which is cited in Endnote 1.

Cases will arise in which a permittee is or has been discharging effluent with nitrogen and/or phosphorus concentrations lower than (i.e., better than) the minimum requirements of a general variance found in **Table 12B-1**, but the resulting concentrations at the edge of the mixing zone still exceed the base numeric nutrient standards. Such permitted discharges are within the scope of the general variance.

For permittees whose effluent concentrations were, before July 1, 2017, lower than the concentrations in **Table 12B-1**, the general variance must be based on the actual total N and/or total P concentrations of their effluent. The Department will determine if a permittee's actual effluent concentrations are lower than those in **Table 12B-1** by calculating the 95th percentile of representative monthly average effluent concentration data and comparing the result to the applicable values in **Table 12B-1**. For permittees who, after July 1, 2017, attain or do better than the **Table 12B-1** values, the **Table 12B-1** values must be used to establish the permit limit, unless and until the Department revises **Table 12B-1** to reflect a HAC treatment requirement that results from the triennial review.

In a permitted discharge, the interim limits provided for under a variance apply, even if such limits differ from those that might otherwise apply based on a wasteload allocation derived in a Total Maximum Daily Load (TMDL). The interim limits apply during the time period over which the variance is applicable.

Table 12B-1. General variance end-of-pipe treatment requirements.

Discharger Category ²	Monthly Average	
	Total P (µg/L)	Total N (µg/L)
≥ 1.0 million gallons per day ^{3,4}	300	6,000
< 1.0 million gallons per day ^{3,4}	1,000	10,000
Lagoons not designed to actively remove nutrients	Maintain long-term average ⁵ and implement the PMP	Maintain long-term average ⁵ and implement the PMP

² See Endnote 2

³ See Endnote 3

⁴ See Endnote 4

⁵ See Endnote 5

Sections 75-5-313(7) and (8), MCA, require the Department to review the general variance treatment requirements every three years to assure that the justification for their adoption remains valid. The purpose of the review is to determine whether there is new information that supports modifying (e.g., revising the interim effluent treatment requirements) or terminating the variance. The review must occur triennially and must be carried out at a state-wide scale, i.e., the Department will consider the aggregate economic impact to dischargers within a category (the ≥1 MGD category, for example). The Department, in consultation with the Nutrient Work Group, must consider whether a pollutant control

technology for treating nitrogen and phosphorus is (1) now feasible to attain (i.e., the cost of such pollutant control technology shall not cause substantial and widespread social and economic impacts) using all existing and readily available information, and (2) would result in more stringent treatment requirements than the requirements in **Table 12B-1**. The Department shall initiate rulemaking to adopt general variance treatment requirements that reflect any proposed changes to the HAC treatment requirements consistent with this review, and revised effluent limits must be included with the permit during the next permit cycle, unless the demonstrations discussed in **Section 3.0** below are made. A compliance schedule may also be granted to provide time to achieve compliance with revised effluent limits.

Based on the triennial review, the Department shall issue a solicitation for public comment on the nutrient concentrations and conditions associated with the general variance. This solicitation must be conducted through: (1) a rulemaking if changes to the general variance are proposed; or (2) a request for public comment if no changes to the general variance are proposed. (If the Department fails to conduct the triennial review as specified at Section 75-5-313(8), MCA, or if the results of the triennial review are not submitted to EPA within 30 days of the completion of the review, the variance will not be applicable for purposes of the Federal Clean Water Act until such time as the review is completed and submitted to EPA.)

2.1 Time to Achieve the Treatment Requirements in Table 12B-1

Through the MPDES permitting process for each facility, the Department shall establish the time necessary to meet the treatment requirements in **Table 12B-1**. All facilities in the ≥ 1 MGD and < 1 MGD discharge categories must meet the treatment requirements in **Table 12B-1** as soon as possible, but in no case later than July 1, 2027. The Department has identified up to five steps for facilities in the ≥ 1 MGD and < 1 MGD discharge categories to achieve the **Table 12B-1** treatment requirements. The five steps are shown in **Table 12B-2**. The steps outline both advanced operational strategies using existing facility infrastructure and capital improvements. The purpose of **Table 12B-2** is to provide an outline of potential steps needed to achieve the **Table 12B-1** treatment requirements. The actual time period for individual steps may vary between each facility. These steps do not necessarily need to be completed in the order shown.

For the lagoon discharge category, the Department and permittee shall complete the pollutant minimization program requirements described in **Section 2.2** and **Section 2.2.1.2** as soon as possible.

Table 12B-2. Steps for permittees in the ≥ 1 MGD and < 1 MGD discharge categories to achieve the treatment requirements in Table 12B-1.

Description of Step
1. Implementation of advanced operational strategies to reduce nutrients using existing infrastructure. Evaluate effects of operational changes and fine tune as necessary. Operations staff identify potential minor capital improvements, if any, that could be made to further advance operational strategies. Preliminarily assess the feasibility of trading, reuse, etc.
2. If Table 12B-1 treatment requirements are not achieved, hire an engineer to prepare a preliminary engineering report (PER) that evaluates options for minor and/or major facility improvements, trading or reuse that lead to further nutrient reductions that build upon developed operational strategies, if appropriate. Continue to fine-tune operational strategies. Begin discussion with funding agencies and submit PERs to those agencies, if necessary (for major upgrades).
3. Go through funding agency timelines and requirements for planning, if necessary. This may involve legislative approval, depending upon the funding sought. Implement minor facility improvements, if appropriate, and fine tune operations for further TN and TP reductions.
4. Design major capital improvements. Go through the Department (DEQ) and other funding agency review and approval processes for the design/bidding phase, including MEPA analysis, adjustments of rates and charges, legal opinions, etc. Bid major capital project.
5. Construct major capital project, including trading and/or reuse, if appropriate. Begin operating new infrastructure and fine tuning operations. Continue with advanced operational training with new infrastructure. Evaluate nutrient reductions achieved with major capital project and operator optimization.

2.2 Wastewater Facility Optimization Study: Pollutant Minimization

Program

Upon achieving a discharge that meets the requirements of **Table 12B-1**, a permittee shall evaluate current facility operations and develop discharger-specific pollutant minimization activities and implement the pollutant minimization program. Permittees shall consider a full array of reasonable options including, but not limited to, facility advanced operational strategies, reuse, recharge, and land application. The pollutant minimization program process is an ongoing, iterative process that must be updated with each permit renewal throughout the term of the variance.

2.2.1 Pollutant Minimization Program: General Requirements

A pollutant minimization program (PMP) is a structured set of activities to improve processes and pollutant controls that will prevent and reduce pollutant loadings. Where no additional feasible pollutant control technology to reduce pollutant loadings can be identified, the highest attainable condition – that is, the general treatment requirements in **Table 12B-1** or the HAC treatment requirements determined for an individual variance (**Section 3.0**) – along with the adoption and implementation of a PMP reflect the greatest pollutant reduction achievable. For either a general or an individual variance, a permittee shall submit a PMP to the Department once the permittee achieves the identified HAC treatment requirements. The Department, following review and approval of the PMP, shall incorporate the PMP into the permittee’s next MPDES permit as further set forth in **Sections 2.2.1.1** and **2.2.1.2**. If a permittee achieves the HAC treatment requirement for only one nutrient parameter (i.e., either TN or TP), but not both, then the permittee shall develop and implement a PMP for the achieved nutrient parameter (while continuing to work toward the HAC treatment requirement for the other nutrient parameter).

2.2.1.1. Pollutant Minimization Requirements for Mechanical Plants

Permittees with mechanical treatment systems shall:

- Examine all possible pollutant minimization activities including, but not limited to: documentation, in the Operations and Maintenance Manual, of process control strategies identified and implemented through optimization; ongoing training of operations staff in advanced operational strategies; minor changes to infrastructure to complement and further advance operational strategies; and implementation of pollutant trading and the reuse of effluent if feasible. In examining all possible pollutant minimization activities, permittees are advised to consider any current guidance developed by the Department and the Nutrient Work Group.
- During the permit application and review process, a permittee shall submit a report to the Department describing the activities examined; and a list of the activities the permittee proposes to implement, along with an implementation schedule and rationale for selecting the activities and the time required. After review and approval of the PMP activities, the Department will, as provided in subchapter 13, incorporate the PMP and associated schedule into the permittee’s MPDES permit.

2.2.1.2. Pollutant Minimization Requirements for Wastewater Lagoons

For lagoons, the Department and the permittees shall implement the PMP described below to examine potential treatment technologies. Permittees shall implement specific PMP activities identified through the examination of pollutant control technologies. In developing a PMP for lagoons, permittees are advised to consider any current guidance developed by the Department and the Nutrient Work Group.

Requirements of the Department’s PMP include:

- Implementing pilot studies before the 2020 triennial review to examine the use of novel, low-maintenance technologies to reduce nutrient concentrations in lagoon system effluent. Based on final results from these studies, the Department shall publish results demonstrating the efficiency of the tested technologies in reducing nutrients in lagoon systems.
- Conducting and completing a statewide review of lagoon performance by ~~2020~~-2022 to evaluate effective operational methods and identify those lagoons that require additional improvements. For each facility, within 1 year of completing the review of operational methods, the Department shall begin requiring implementation of the improvements at those facilities that do not require substantial investment or additional study.
- Evaluating the facility-specific recommendations and documentation submitted by each lagoon permittee as part of its optimization activities. The Department and the permittee shall also evaluate the capability of each discharger to implement feasible nutrient reduction strategies.

Permittees that receive a general variance shall:

- Provide sufficient information to allow the Department to evaluate the performance of all PMP activities. Feasible activities will, as provided in subchapter 13, be incorporated into each discharger's PMP through the renewal process for each facility's MPDES permit.

2.3 Progress Toward the Base Numeric Nutrient Standards

The **Table 12B-1** values represent the HAC for eligible permittees and were established after considering the economic and social impacts related to the implementation of Montana's base numeric nutrient standards. These economic and social factors prevent the current attainment of the base numeric nutrient standards. Through continued review and evaluation of the HAC, as well as the implementation of optimization/pollutant minimization activities, the general variance is designed to make measurable progress towards achieving the base numeric nutrient standards.

Pursuant to Mont. Code Ann. § 75-5-313(7), the Department reviews the HAC every three years and updates **Table 12B-1** as necessary and in accordance with that review. Over time, treatment requirements will become more stringent if the Department's review of technology and affordability support additional stringency. Mont. Code Ann. § 75-5-313(7)(b). The ultimate goal is that the base numeric nutrient standards become attainable. This will occur when the HAC and the base numeric nutrient standards are essentially equivalent and there is no corresponding need for the general variance.

The Department will also continue to evaluate the need for the use of the general variance on a case-by-case basis during the MPDES permit renewal cycle (every five years), regardless of whether the **Table 12B-1** requirements are updated. ARM 17.30.1346(1). If, for whatever reason, a facility no longer requires the use of the general variance, the Department will make the requisite implementation decision through the MPDES permitting process.

The long-term goal is for all dischargers to comply with the base numeric nutrient standards. Through triennial reviews, the Department will continue to evaluate the feasibility of achieving the underlying base numeric nutrient standards. Should substantial and widespread economic and social impacts continue to be unavoidable at the end of the variance term, the Department may recommend the Board of Environmental Review consider revising the aquatic life, recreation, or both designated uses to reflect achievable uses and criteria where eventual attainment is unlikely. Any process to change beneficial uses would involve significant public review and would also require EPA review and approval, as relevant, for purposes of the Clean Water Act. If attainment of the base numeric nutrient standards becomes feasible at a future date certain, such that substantial and widespread economic and social impacts are no longer demonstrated, the Department may choose to implement a compliance schedule, instead of a variance.

2.3.1 Long Term Goal - Mechanical Facilities

Dischargers continue to meet the treatment requirements in **Table 12B-1**. When these requirements are achieved, permittees must identify and implement an optimization/pollutant minimization program. These requirements must then be incorporated into their respective MPDES permits. If the HAC is revised through triennial reviews and a permittee is unable to immediately comply, a permittee will seek a compliance schedule through the MPDES permitting process. If the Department determines a compliance schedule is necessary, it will be granted upon permit renewal and eligible dischargers must achieve any revised HAC as soon as possible, per the compliance schedule outlined in the permit. If a revised HAC is not adopted prior to permit renewal, permittees must submit a revised optimization/pollutant minimization program with their application materials for any MPDES permit renewal. Once approved by the Department, this revised program and its specific requirements would be incorporated as terms and conditions of the permittee's MPDES permit. The combination of either a revised HAC or a revised optimization/pollutant minimization program will ensure that any permittee receiving a general variance will be required to make all reasonable progress toward attainment of the base numeric nutrient standards. The incorporation of any revised HAC or revised optimization/pollutant minimization program into an MPDES permit must undergo the required public participation process under Title 17, Chapter 30, Subchapter 13, ARM. The term of the general variance for mechanical facilities is up to, but no longer than, August 7, 2034.⁶ See Mont. Code Ann. § 75-5-313(8) (establishing that variance terms may not be longer than 20 years).

2.3.2 Long Term Goal -- Lagoons

Lagoon permittees will continue to meet the treatment requirements in **Table 12B-1**. Presently, this requires lagoon permittees to maintain their long-term average nitrogen and phosphorus discharge levels. Lagoon permittees will also be required to fully implement, upon MPDES permit renewal, the actions identified in the lagoon performance evaluations and their individualized Pollutant Minimization Programs. These requirements must be incorporated into their respective MPDES permits and such

⁶ See Endnote 6.

incorporation must undergo the required public participation process under Title 17, Chapter 30, Subchapter 13, ARM.

If the HAC is revised through triennial reviews and a permittee is unable to immediately comply with the revised requirements, permittees will seek a compliance schedule through the MPDES permitting process. If the Department determines a compliance schedule is necessary, it will be granted upon permit renewal and eligible dischargers must achieve any revised HAC as soon as possible. If a revised HAC is not adopted prior to any permit renewal, permittees must submit a revised optimization/pollutant minimization program with their application materials for any MPDES permit renewal. Once approved by the Department, this revised program and its specific requirements will be incorporated as terms and conditions of the permittee's MPDES permit. The combination of either a revised HAC with a new compliance schedule, if needed, or a revised optimization/pollutant minimization program will ensure that any permittee receiving a general variance will be required to make progress toward attainment of the base numeric nutrient standards. The term of the general variance for lagoon facilities is up to, but no longer than, August 7, 2034.

3.0 Individual Nutrient Standards Variances

This section describes the basis for an individual nutrient standards variance ("individual variance"). The final permit limit for an individual variance will be expressed as a load only, and when developing monthly average permit limits for individual variances for the ≥ 1 MGD and < 1 MGD discharge categories, a coefficient of variation (CV) of 0.6 may be used to determine the Table 5-2 multiplier. Table 5-2 is a component of the permit calculation process and is found in the *Technical Support Document for Water Quality-based Toxics Control* (U.S. EPA, 1991) which is cited in Endnote 1.

Montana law allows for the granting of nutrient standards variances based on the particular economic and financial situation of a permittee (§75-5-313(1), MCA). Individual variances may be granted on a case-by-case basis because the attainment of the base numeric nutrient standards is precluded due to economic impacts, limits of technology, or both. Individual variances discussed in this section are generally intended for permittees who would have financial difficulties meeting the general variance treatment requirements and are seeking individual nitrogen and phosphorus permit limits tailored to their specific economic situation.

Like the general variance in **Section 2.0**, Section 75-5-313(8), MCA, authorizes individual variances for a period not to exceed 20 years, and each must be reviewed by the Department every three years to ensure that the justification remains valid. Unlike the general variances discussed in **Section 2.0**, the Department may only grant an individual variance to a permittee after the permittee has made a demonstration to the Department that meeting the underlying standards in Circular DEQ-12A would require water quality-based controls that result in substantial and widespread economic and social impacts. A permittee, as part of this assessment process, must also demonstrate to the Department that there are no reasonable alternatives including, but not limited to, trading, compliance schedules, reuse, recharge, and land application that would allow compliance with the base numeric nutrient standards. If

no reasonable alternatives exist, then an individual variance may be justifiable. Like any variance, individual variances must be adopted as revisions to Montana's water quality standards and submitted to EPA for approval. Individual variances the Department adopts must be documented in **Table 12B-3** below.

The variance must include a highest attainable condition (HAC) expressed using one of the following options:

1. The highest attainable condition that reflects the greatest pollutant reduction achievable (i.e., best treatment requirements⁷ that are feasible) based on the economic and social impact evaluation completed for the facility. Water quality computer modeling may also be used to determine the greatest pollutant reduction achievable when articulating the treatment requirements, per ARM 17.30.660(4).
2. If no additional feasible pollutant control technologies beyond what is already installed can be identified, the highest attainable condition is the treatment requirement reflecting the greatest pollutant reduction achievable and adoption and implementation of a pollutant minimization program (PMP).

The variance must identify and adopt the highest attainable condition that applies to the permittee and identify the term of the variance. The time for the individual variance must only be as long as necessary to meet the highest attainable condition.

Since the basis of an of individual variance is related to the economic status of a community or permittee, or to the limits of technology, when the Department carries out its review every three years it shall consider if the basic economic status of that community or permittee, or the limits of technology, has changed. The same parameters used to justify the original individual variance must be considered. If, for example, new, low-cost nutrient removal technologies have become feasible, or if the economic status of the community or permittee has sharply improved, the HAC of the variance may no longer be justified. When the review of any individual variance longer than five years identifies that a more stringent HAC is feasible to attain, the Department shall revise the individual variance to reflect the new, more stringent HAC consistent with the Department's reevaluation schedule specified for the individual variance in **Table 12B-3**.

Alternatively, the Department may pursue other options such as a permit compliance schedule, trading, reuse, recharge, land application, or a general variance.

Based on the triennial review, the Department shall issue a solicitation for public comment on individual variances. This solicitation must be conducted through: (1) a rulemaking if changes to an individual variance are proposed; or (2) a request for public comment if no changes to an individual variance are proposed. (If the Department fails to conduct the triennial review as specified at Section 75-5-313(8), MCA, or if the results of the triennial review are not submitted to EPA within 30 days of the completion

⁷ See Endnote 7.

of the review, the variance will not be applicable for purposes of the Federal Clean Water Act until the review is completed and submitted to EPA.)

Table 12B-3. Individual nutrient standards variances.

MPDES Number	Facility Name	Discharge Latitude	Discharge Longitude	Receiving Waterbody	Receiving Waterbody Classification	Monthly Average			Start Date	Sunset Date (maximum)	Review Schedule* (year)	Review Outcome
						Total P (mg/L)	Total N (mg/L)	CV				
MT0020184	City of Whitefish	48.39194	-114.3299	Whitefish River	B-2	1.0	10.0	0.6	8/1/2020	8/1/2029	2023	

*For individual variances longer than five years, the Department must complete the reevaluation, which includes both the review and any necessary rulemaking, no less frequently than every five years from the date of EPA approval.

4.0 Endnotes

- (1) United States Environmental Protection Agency. 1991. *Technical Support Document for Water Quality-based Toxics Control*. EPA/505/2-90-001, PB91-127415. Office of Water, Washington, D.C. March 1991.
- (2) Based on facility design flow.
- (3) Facilities that are already meeting the treatment requirements for one or both nutrients in **Table 12B-1** must continue to meet these levels and are required to implement the pollutant minimization program in **Section 2.2** of this Circular.
- (4) If the Department believes that a non-POTW permittee can achieve a treatment level better than (i.e., at a lower concentration than) the general variance requirements in **Table 12B-1**, then the permittee and the Department shall discuss what treatment level can be achieved and the Department, in consultation with the permittee, will identify the highest attainable condition and level of treatment.
- (5) For lagoons, the long term average is calculated as the arithmetic average of representative facility data from the past 3 years, or up to the past 5 years if those data are also representative.
- (6) The original version of the general nutrient standards variance became effective for state law purposes on August 8, 2014. Mont. Admin. Register 1805 (Aug. 7, 2014). Therefore, the term of the general variance may not extend beyond August 7, 2034.
- (7) HAC treatment requirements are equivalent to the interim effluent condition found at 40 CFR 131.14(b)(1)(ii)(A)(2).

Appendix A. Facilities Eligible for the General Variance

MPDES PERMIT ID	Discharge Category	Facility Type Indicator	Facility Type (L-lagoon, M-mechanical)	Permit Name	Receiving Waterbody
MT0020184	≥1MGD	POTW	M	CITY OF WHITEFISH	Whitefish River
MT0021938	≥1MGD	POTW	M	CITY OF KALISPELL	Ashley Creek
MT0022641	≥1MGD	POTW	M	CITY OF HELENA	Prickley Pear Cr.
MT0022608	≥1MGD	POTW	M	CITY OF BOZEMAN	East Gallatin River
MT0022012	≥1MGD	POTW	M	BUTTE SILVER BOW CITY AND COUNTY	Silver Bow Creek
MT0022616	≥1MGD	POTW	M	CITY OF DEER LODGE	Clark Fork River
MT0022713	<1MGD	POTW	M	TOWN OF STEVENSVILLE	Side channel of Bitterroot River
MT0022560	<1MGD	POTW	M	CITY OF EAST HELENA	Prickly Pear Cr.
MT0021857	<1MGD	POTW	M	CITY OF MANHATTAN	Dita Ditch
MT0020079	<1MGD	POTW	M	CITY OF CONRAD	Unnamed tributary to Dry Fork of the Marias River
MT0021458	<1MGD	POTW	M	CITY OF DILLON	Beaverhead River
MT0020141	<1MGD	POTW	M	CITY OF CUT BANK	Old Maids Coulee
MT0020052	<1MGD	POTW	M	CITY OF CHOTEAU	Unnamed man-made ditch draining to Teton River
MT0021628	Lagoon	POTW	L	CITY OF GLENDIVE	Yellowstone R./Glendive Cr.
MT0022454	Lagoon	POTW	L	TOWN OF BIG SANDY	Big Sandy Creek
MT0021211	Lagoon	POTW	L	CITY OF GLASGOW	Milk River
MT0020249	Lagoon	POTW	L	TOWN OF JOLIET	Rock Creek
MT0020753	Lagoon	POTW	L	CITY OF BIG TIMBER	Boulder River
MT0020389	Lagoon	POTW	L	CITY OF MALTA	Milk River
MT0021750	Lagoon	POTW	L	STILLWATER COUNTY COMMISSIONERS (Absarokee Sewer District)	Ditch draining to Rosebud Cr., or direct to Rosebud Cr.
MT0030295	Lagoon	POTW	L	CITY OF ROUNDUP	Musselshell River
MT0020354	Lagoon	POTW	L	CITY OF HARLOWTON	Musselshell River
MT0020133	Lagoon	POTW	L	TOWN OF WHITEHALL	Big Pipestone Creek
MT0031500	Lagoon	POTW	L	TOWN OF PHILIPSBURG	Flint Creek
MT0020303	Lagoon	POTW	L	TOWN OF BRIDGER	Clarks Fork Yellowstone River
MT0020702	Lagoon	POTW	L	TOWN OF WINNETT	McDonald Creek
MT0021270	Lagoon	POTW	L	CITY OF HARLEM	Milk River
MT0030732	Lagoon	POTW	L	TOWN OF ENNIS	Madison River
MT0020516	Lagoon	POTW	L	TOWN OF WIBAUX	Beaver Creek
MT0028797	Lagoon	POTW	L	TOWN OF TWIN BRIDGES	Bayer's Ditch
MT0020451	Lagoon	POTW	L	TOWN OF RYEGATE	Musselshell River via unnamed Dry Slough
MT0022462	Lagoon	POTW	L	TOWN OF DENTON	Wolf Creek
MT0030091	Lagoon	POTW	L	STOCKETT WATER AND SEWER DIST.	Cottonwood Creek
MT0022080	Lagoon	POTW	L	HIGHWOOD COUNTY WATER AND SEWER DISTRICT	Highwood Creek
MT0031453	Lagoon	POTW	L	TOWN OF WINIFRED	Unnamed tributary to Dog Creek
MT0024783	Lagoon	POTW	L	RICHLAND COUNTY COMMISSIONERS (Savage)	Unnamed irrigation overflow ditch