

WATER PROTECTION BUREAU

Agency	П	SP
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Authorization No.:

Date Rec'd Amount Rec'd Check No. Rec'd By

FORM NOI-581 2017

Notice of Intent (NOI) Domestic Sewage Treatment Lagoons – Continuous Dischargers MTG581000

The NOI form is to be completed by the owner or operator of a domestic sewage treatment lagoon that is eligible for coverage under the Montana Department of Environmental Quality's *General Permit for Domestic Sewage Treatment Lagoons – Continuous Dischargers*. **Please read the attached instructions before completing this form**. You must print or type legibly; forms that are not legible, not complete, or unsigned will be returned. You must maintain a copy of the completed NOI form for your records.

Section A - NOI Status (check one)					
New	No prior NOI submitt	ed.				
Request terminat	ion of Individual Perm	it. Permit Number	:: M T 0 0			
Renewal	Permit Number: M T	G 5 8				
Modification	Permit Number: M T	G 5 8				
Resubmitted	Permit Number MT	G 5 8				
Section B - Facility Info	rmation (See instruc	tion sheet):				
Facility Name						
Facility Location						
City, State, Zip						
County						
Facility: Latitude		Longitude			OR	
Township	_ Range	_ Section	;	1/4	1/4	_1/4
Facility contact person (name	?, title)					
Phone Number ()		E-mail (optional)				
Is the facility located on India	an Lands?	Yes Yes	☐ No			
Does the treatment works dis eventually flows through) Inc		vater that is either i	n Indian Cou	ntry or that is	upstream f	from (and

		Fac	cility Nam	ie:			
Section C - A	Applicant (Owner/Oper	rator) Informatio	n (see inst	ructions)			
Applicant (Own	ner/Operator) Name (see in	structions)					
Mailing Addres	s						
City, State, and							
					mployer:		
				_			
•	heck all that apply - see de	· 		Operat			
Status of Applic	cant (Check one)	al State F	Public	Private	Other (specify)		
1. Existing or	Pending Permits, Cert	ifications, or App	provals		one		
MPDES		R	CRA				
Clean Air A	ct		Other (speci	ify)			
404 Permit (dredge & fill)	C	ther (<i>speci</i>	fy)			
2. Standard In	2. Standard Industrial Classification (SIC) Codes						
SIC Code	Descrip	otion	SIC (Code	Description		
1			2				
(Provide the for	ur-digit SIC code(s) and de	escription(s) which	best reflect	s the indi	ustry activity for the owner/operator).		
must show the cand monitoring	outline of the facility and th	ne location of each e all springs, rivers	of its existi , and other	ng and pr surface v	yond property boundaries. The map roposed intake and discharge structures water bodies within the one mile zone		
☐ Topographi	ic map	Aerial map			Other map:		
Section D – O	utfall Location(s) and l	Receiving Water					
Outfall No.	Latitude	Longitude		Receiv	ing Water (1) (Initial and First Named)		
	nitial state surface water unnamed ditch to Full Cr				l as the first named state surface water, if		
	monitoring location: monitoring location (note	if none) (e.g effluer	nt control de	vice, outfa	all):		
ii. latitude/	longitude (or note same as	above):		/			
iii. indicate	e if above location for:	effluent flow moni	toring, 🔲	effluent s	sampling, _both		
iv. if there							

Facility Name:	
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Section E - Domestic Sewage	Treatment Lago	on Collection	System & Influent	Information
a. Type of collection system (Separate sanitary sewer Combined storm and sanitary	rate vs. Combined S	anitary Sewer) a % of total contri	and percent contribut bution	· · · · · · · · · · · · · · · · · · ·
Collection System Name	Population Served	d Type of Co	llection System	Ownership
Total population served by facility:	·	Year of data: _		
2. Non-Domestic (Industrial) U	Users:			
a. Provide information on any non-	domestic user (i.e. i	ndirect discharg	er) to the facility:	
Name	Ind	ustry Type		Estimated Process Flow
				(non-domestic) (gpd)
3. Infiltration/Inflow (I/I) Stat				
a. Estimate the average number of	gallons per day (gpo	d) that flow into	the treatment works	from inflow and/or
infiltration				
Annually:		D . 1/1	. 1	1. DEG
b. Date of most recent I/I evaluatio	n:	Date I/I sur	nmary report submitt	ed to DEQ:
Comments:				
4. Influent Monitoring:				
Describe influent sampling location	n (e.g. manhole, lift	station, etc.):		
Indicate whether location is for:	influent flow mon	itoring [influent sampling	both
5. Lagoon Design and Actual l	Flow Data			
a. Design Flow (Influent flow rate	facility was designe	d to handle)		
Current Average Daily Design			n gallons per day (mg	,
Historic Average Daily Design		mgd. S	Specify year of data:	
b. Actual Flow (Recent discharge				
Annual Flow Monitoring D Last three rolling years (specify)		o years ago to	One year ag	This year to
1. Annual average daily flow rate				
2. Maximum daily flow rate (mgd	1)			
3. Total number of months with d	ischarge			

Facility Name:	
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4.5	
1. Description of Treatment	
a. Facultative vs. Aerated Lagoons (check the one that applies and complete relevant inform Facultative system: Number of facultative cells Designed retention time for system: days Actual retention time for system: days	nation)
Aerated or partially mixed system: Number of aerated cells Number of partially mixed cells Number of facultative or acquiescent cells	
Year Installed: If applicable, date plan & specification approved:	
Year Last Modified: If applicable, date plan & specification approved:	
b. Disinfection (check the one that applies)	
☐ None	
Ultraviolet (UV) disinfection	
☐ Chlorination. If chlorination, is dechlorination employed prior to discharge?	
Other:	
2. Discharge Method	
a. Method of lagoon discharge to surface waters (check the one that applies):	
☐ Continuous discharge☐ Periodic discharge (includes controlled and intermittent). Provide the following intermittent.	formation:
	formation:
Periodic discharge (includes controlled and intermittent). Provide the following in	formation:
Periodic discharge (includes controlled and intermittent). Provide the following into 1. Number of discrete discharges per year:	formation:
Periodic discharge (includes controlled and intermittent). Provide the following into 1. Number of discrete discharges per year:	formation:
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Periodic discharge (includes controlled and intermittent). Provide the following into 1. Number of discrete discharges per year:	 _ Estim days/year:
Periodic discharge (includes controlled and intermittent). Provide the following into 1. Number of discrete discharges per year:	 _ Estim days/year:
Periodic discharge (includes controlled and intermittent). Provide the following in 1. Number of discrete discharges per year: 2. Average duration of each discharge (days): 3. Average flow rate for each discharge (mgd) b. Additional wastewater disposal methods (<i>check each that apply</i>): Surface impoundment. If applicable, date plan & specification approved: Location: Annual ave. daily volume (mgd) Location: Annual ave. daily volume (mgd)	Estim days/year: Estim days/year:
Periodic discharge (includes controlled and intermittent). Provide the following into 1. Number of discrete discharges per year:	Estim days/year: Estim days/year:

Facility Nan	ne:

Pollutant (1)	Maximum	Long Term Average	Units	No. of Analyses
1. Total Suspended Solids (TSS)				
2. Biochemical Oxygen Demand (BOD ₅)				
Carbonaceous BOD ₅ (CBOD ₅)* *optional – only if permittee requests $^{(2)}$				
3. pH	Max:	Min:	s.u.	
4. Temperature (winter)				
5. Temperature (summer)				
6. E. Coli bacteria (3)			#/100 mL	
7. Dissolved Oxygen (4)	Min:			
8. Oil and Grease				
9. Total Residual Chlorine (TRC) (4)				
10. Ammonia				
11. Total Kjeldahl Nitrogen (TKN) (4,5)				
12. Nitrate+ Nitrite (NO ₃ +NO ₂)				
13. Total Nitrogen (TN) (4,5)				
14. Total Phosphorus (TP) (4,5)				
15. Total Dissolved Solids (TDS) (4)				
16. Other:				
Footnote: (1) Data for each parameter required unless oth (2) As allowed under 40 CFR 133.102(a)(4), D (3) Reporting <i>Escherichia coli</i> (<i>E. coli</i>) bacteri mL or colony-forming units (cfu) per 100 mL. (4) Provide requested data only if available. (5) Provide nutrient data taken in the applicable that timeframe.	EQ may substitute CBO a as #/100 milliliters (mI Report the geometric me	c) includes either most pro can rather than the long-ter	bable number (m m average.	-

ion H - Demo			Facility Name:		
	onstration of 1	Eligibility for Less	Stringent Technolo	ogy-based Effluent	Limits
cility is required (1), or they will lest for less stringen Demand (B p One: Provingent of the provin	If to demonstrate subject to the agent limits and OD_5) standard ide information you are reque	e eligibility for treatmed default - National Select the appropriate that applies to your form to support eligibiting 'treatment equiv	nent equivalent to secondary Standards (Notes Total Suspended Solucility. Solity for less stringulation to secondary' for less stringulation along the secondary of the seconda	ondary (TES) or altern VSS). Provide informat lids (TSS) standard an ent TBELs: or one or both paramete	ate state requirements ion to support your
Parameter	Units	Requesting Less Stringent TBELs?	95 th Percentile Monthly Average	95 th Percentile Weekly Average	Date Range (Mo/Yr to Mo/Yr)
TSS	mg/L	Y N			
DOD	mg/L	Y N			
BOD_5	% removal			5 th percentile:	
☐ (A) TSS Limits (i.e. NS) ☐ (B) TSS Limits quality facility ☐ (C) TSS Limits quality	- National Sec = 30 mg/L more SS is required us - Treatment Is = 45 mg/L more for the previous has demonstrated - Alternate St = 100 mg/L more for the previous	Equivalent to Second athly average and 65 m at 2 to 4.5 years' is 30 ated proper operation at ate Requirements (A conthly average and 13 as 2 to 4.5 years' is > 4	ng/L weekly average able conditions are material (TES) mg/L weekly average - 45 mg/L monthly average and hat maintenance; and hat self. 5 mg/L weekly average and hat self. 5 mg/L monthly average and maintenance.	- applies if the 95 th perverage and/or 45 - 65 mas \geq 65% BOD ₅ remove a policy if the 95 th rage and/or > 65 mg/L	rcentile TSS effluent mg/L weekly average; the val. percentile TSS effluent weekly average; the
☐ (A) TSS Limits (i.e. NS) ☐ (B) TSS Limits quality facility ☐ (C) TSS Limits quality facility	- National Sec = 30 mg/L more SS is required w - Treatment I = 45 mg/L more for the previous has demonstrated - Alternate St = 100 mg/L more for the previous has demonstrated	condary Standards (Inthly average and 45 in the application of the application of the application of the application of the average and 65 in a 2 to 4.5 years' is 30 ited proper operation of the application of the application of the application of the average and 13 is 2 to 4.5 years' is > 4 ited having proper operation of the application of the average and 13 is 2 to 4.5 years' is > 4 ited having proper operation of the average and 13 ited having proper operation of the average and 13 ited having proper operation of the average and 13 ited having proper operation of the application of the appli	ng/L weekly average able conditions are material (TES) mg/L weekly average - 45 mg/L monthly average and hat maintenance; and hat self. 5 mg/L weekly average and hat self. 5 mg/L monthly average and maintenance.	et for TES or ASR). - applies if the 95 th perverage and/or 45 - 65 mas \geq 65% BOD ₅ remove the applies if the 95 th rage and/or $>$ 65 mg/L and treats to or bette	rcentile TSS effluent mg/L weekly average; the val. percentile TSS effluent weekly average; the

Facility Name:
Section I - Standard Mixing Zone Request
1. Indicate whether the facility needs a Standard Mixing Zone (See General Permit Fact Sheet Attachment C).
 ☐ No. This facility does not need a standard mixing zone. ☐ We agree with the Attachment C conclusions that a standard mixing zone is not required (STOP) ☐ Other:(STOP)
☐ Yes. This facility needs a standard mixing zone. Indicate pollutants and go to #2:☐ Nitrate + nitrite.☐ Ammonia.
2. In order to comply with the standard mixing zone requirements, a Water Quality Assessment (ARM 17.30.506) must be submitted in conjunction with this NOI. Check how you have completed the assessment: I have attached a separate assessment conducted in conformance with ARM 17.30.506. I have completed the checklist, below, which conforms with the assessment requirements.
(a) Identify whether any of the following biologically important areas exist within the proposed mixing zone or within a shore-hugging plume in an aquatic life segment, and identify the source of this information:
Yes No fish spawning area. Information source:
Yes No fish nursery area. Information source:
(b) Identify whether any of the following areas are located within or adjacent to the proposed mixing zone, and identify the source of this information:
Yes No drinking water intake. Information source:
Yes No zone of influence for a drinking water well or a well which is used for recreational purposes. Information source:
Yes No recreational area. Information source:
(c) Identify whether data supports the conclusion that fish or other aquatic life would be attracted to the effluent plume:
Yes No Information source:
(d) Identify whether the you are requesting a standard mixing zone for parameter(s) that are are toxic and persistent:
Yes No Parameter: Information source:
Yes No Parameter: Information source:
(e) Will the parameter(s) that you are requesting a standard mixing zone for inhibit migration of fish or other aquatic species,

Section J – Sage Grouse Habitat

Yes No

or will it block migration into tributary segments?

Visit the Montana Sage Grouse Habitat Conservation Program (Program) website (see instructions for link) and determine if the domestic lagoon is located in designated sage grouse habitat (core, general, and/or connectivity).

Yes No Parameter: _____ Information source: _____

Yes No Parameter: _____ Information source: _____ (f) Is there another mixing zone that could cause cumulative effects and therefore threaten or impair existing uses?

Yes: Submit application to the Program and attach a copy of the application and resulting consulting letter.

No: Project is not located in a designated habitat. No further effort is needed.

Information source: ___

Facility Name:	
Section K - CERTIFICATION FOR ALL OWNER/OPERATORS	
Applicant Information This famous the sound to be a first to the first transfer transfer to the first transfer transfe	

- **Applicant Information:** This form must be completed, signed, and certified as follows:
- For a corporation, by a principal officer of at least the level of vice president;
 For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- For a municipality, state, federal, or other public facility, by either a principal executive officer or ranking elected official.

All Applicants Must Complete the Following Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information; including the possibility of fine and imprisonment for knowing violations, [75-5-633, MCA]

knowing violations. [75-5-655, MCA]	
A. Name (Type or Print)	
B. Title (Type or Print)	C. Phone No.
D. Signature	E. Date Signed
Section L – Authorized Representative:	
In order for future reports, including Discharge Monitoring Reports (DMRs), to be signed by anyone other than the signatory for this NOI, a duly authorized individual(s) or position(s) must be identified. If one is not designated then all reports must be signed by the signatory until such designation is made in writing [ARM 17.30.1323(2)]. (<i>Check the appropriate box(es)</i>):	
☐ I designate the Facility Contact listed in Section B as a duly authorized individual	
☐ I designate the Applicant Contact listed in Section C as a duly authorized individual	
☐ I designate the following other duly authorized representative for this permit (<i>complete information below</i>):	
Name and Title, or Position Title:	
Company Name (if different than the applicant):	
Mailing Address:	
City, State, and Zip Code:	
Phone Number: ()Email Address:	
***** Or *****	
☐ No duly authorized representative for this permit is designated at this time.	