Agency Use MTR04 Date Rec'd: Amount Rec'd: Montana Department Check No .: of Environmental Quality Rec'd By: WATER PROTECTION BUREAU MPDES Storm Water Small MS4 Annual Report Form **FORM** Reporting period is for the calendar year, January 1st through December 31st. MS4-AR Check one. Annual Report is due by March 1st of the following year. 2019 **©**12017 **O**2018 \bigcap_{2020} Instructions: This Annual Report Form is to be completed by each permittee and co-permittee authorized to discharge storm water under the General Permit for Storm Water Discharges Associated with Small Municipal Separate Storm Water Sewer Systems (MS4s). All authorized permittees and co-permittees are required to complete this Annual Report Form for each calendar year reporting period. For co-permittees authorized under one permit authorization or for co-permittees with multiple authorizations, you are required to complete this form and submit separate required documents/information exclusively for your respective regulated Small MS4 area(s). This completed Annual Report Form must be electronically submitted to the Montana Department of Environmental Quality, Water Protection Bureau. Electronic submission is required through the web-based tool: NetDMR. Additional information is located on DEQ's website: http://deq.mt.gov/Water/WQINFO/ctss/netdmr. Small MS4 Authorization Number: MTR04 0008 **Small MS4 Classification** Traditional Non-Traditional Small MS4 Name: Malmstrom Air Force Base Small MS4 Mailing Address: 39 78th Street North City, State, and Zip Code: Malmstrom AFB, MT 59402 Small MS4 Contact Person (and Title): Cody Koontz, Environmental Engineer Mailing Address: 39 78th Street North City, State, and Zip Code: Malmstrom AFB, MT 59402 E-mail address: cody.koontz@us.af.mil Phone Number: () 406-731-6155

Requested above chart:	Attached	SWMP Attachmer	nt 2 Not A	Attached	
Has the permittee established regular communication between				•Yes	O No
Permittee's SWMP Resource How many FTEs does the per explanation.		e to the MS4 perr	nit? 1.25 If	needed, pro	vide an
If more space is needed, submit on	an additional page	with corresponding	reference or on a	data storage d	evice.
Answer the following five (5 on a data storage device.	Gee Attachment 1	an additional pa	ge with corre	sponding r	eference or
(1) What are the source(s) of percentage of the total budge				and the esti	mated
(2) Specific to the annual represources or budget allocation public? Provide a summary of	ns to the implem	entation of the M	IS4 permit to o	lecision-ma	kers and the
(3) Has the permittee demons annual reporting calendar yea effectiveness metrics were pr	r or previous ye				
(4) How was this annual repo previous year's approach?	rting calendar y	ear's approach to	allocate resou	rces differe	nt than the
(5) Was the permittee success factors that affected or result			ocations? Des	scribe the o	atcome and
Illicit Discharge Detection of Per the IDDE MCM required reviewed, and updated if need year?	nent (Part II (3)(Yes	ONo
Per the IDDE MCM requiren	nent (Part II (3)(e.i)), has the perr	nittee dry	Yes	ONo

Per the Illicit Discharge Detection & Elimination permittee will complete the requirement to insput during dry weather by the end of the permit cycle.	ect and screen all outfalls	Yes	ONo
Construction Site Storm Water Management storm water management plan reviews were constructed to the storm water management plan reviews which water management plan reviews were constructed to the storm water management plan reviews which water management plan reviews were constructed to the storm water management plan reviews which water management plan reviews were constructed to the storm water management plan reviews which water management plan reviews were constructed to the storm water management plan reviews which water management plan reviews were constructed to the storm water w		ow many co	onstruction
During the calendar year, how many construction management controls (Part II (4)(c))? 2	on projects were inspected for	their storm	water
Pollution Prevention/Good Housekeeping for Has the permittee reviewed, and updated if need permittee-owned/operated facilities and activities	ded, the inventory of	•Yes	ON ₀
Has the permittee reviewed, and updated if need the locations of facilities and known locations of		• Yes	ONo
Has the permittee conducted annual storm water training for permittee staff during the next permeach standard operating procedure (Part II (6)(and the conducted annual storm water each standard operating procedure (Part II (6)(and the conducted annual storm water each standard operating procedure (Part II (6)(and the conducted annual storm water each standard operating procedure (Part II (6)(and the conducted annual storm water each standard operating procedure (Part II (6)(and the conducted annual storm water each standard operating procedure (Part II (6)(and the conducted annual storm water each standard operating procedure (Part II (6)(and the conducted annual storm water (Part II (6)	nit year after development of	OYes	⊙ No
Not applicable during calendar year 2017, 2018, and 2019. Check	«"No" during these years.		The state of
Training: According to Part II (B) Training reconducted applicable training during the 1 st and *Not required during calendar year 2018, 2019, and 2021. Check "	d 4 th calendar years?	•Yes	ONo
According to Part II (B) Training requirements, applicable new employee training within 90 day	, has the permittee conducted	Yes	ON ₀
Special Conditions: Per Pre-TMDL Approva information regarding identification of all outfa impaired waterbodies, and the associated pollut implemented over the reporting period and a sc	alls that discharge to impaired tants of impairments. Summar	waterbodie rize the BM	s, the IPs
OAttached	Not Attached	Not A	pplicable
Special Conditions: Approved TMDLs (Part Calendar Year 2017: The permittee has attach	ned a Sampling Plan that include		A Comment
monitoring frequency, monitoring parameters, a	Not Attached	Not A	pplicable

and the associated pollutants of impair		arge to impaired waterbodies
OAttached	Not Attached	Not Applicable
Calendar Year 2018: The permittee land the associated pollutants of impair		arge to impaired waterbodies
OAttached	Not Attached	Not Applicable
Calendar Year 2019: The permittee land the associated pollutants of impair		arge to impaired waterbodies
Attached	Not Attached	Not Applicable
Calendar Year 2020: The permittee land the associated pollutants of impair		arge to impaired waterbodies
OAttached	O Not Attached	Not Applicable
Calendar Year 2020: The permittee I the measures and BMPs it plans to im term strategy, and outlines interim mill concern and making progress towards	plement, describes the MS4's implestones for controlling the dischar	airment priorities and long
OAttached	O Not Attached	Not Applicable
Calendar Year 2021: The permittee and the associated pollutants of impair		arge to impaired waterbodies
OAttached	O Not Attached	Not Applicable
OAttached Calendar Year 2021: The permittee monitoring results. The section has be	Not Attached has evaluated the TMDL section o	f the SWMP based on
Calendar Year 2021: The permittee	Not Attached has evaluated the TMDL section o	f the SWMP based on
Calendar Year 2021: The permittee I monitoring results. The section has be	Not Attached has evaluated the TMDL section of the revised, if needed, and is attacted Not Attached	of the SWMP based on hed. Not Applicable

INSTRUCTIONS: The permittee will only fill out the Annual Report Attachments section below that corresponds to the calendar in which an Annual Report is being submitted for. Attach the requested documents/information.

CONTRACTOR	2017 Annual Rer	oort Attachments (1st Cal	endar Year)
Public Educa	ation and Outreach:		
		MCM, attach the required info	rmation regarding key target
•	d associated pollutants.		
Attached	SWMP Table 2-2	ONot Attached	
Public Involv	vement and Participation	on:	
	ents a.i in the referenced approach and schedule of	MCM, attach the required info	rmation regarding the public
Attached	SWMP Table 2-2	Not Attached	riest, passanteiden i sakteti 1
Illicit Discha	rge Detection & Elimin	ation:	or life of the agreement of Th
		MCM, attach the required infoassociated pollutants, and local	rmation regarding categories of controls or conditions.
Attached	SWMP Table 4-2	ONot Attached	Per sagnicam merce in the me
		MCM, attach the required info associated pollutants, and local	
Attached	SWMP Table 4-3	Not Attached	
	ents f.i in the referenced letion Plan and any associ	MCM, attach the required Illiciated documents.	t Discharge Investigation and
Attached	SWMP Attachment 5	ONot Attached	
Construction	n Site Storm Water Mai	nagement:	
	ents a.iii in the referenced ciated documents.	d MCM, attach progress toward	ls an Enforcement Response
Attached	SWMP Attachment 5	Not Attached	The second of th
-	raditional MS4s and per i storm water management	requirements b.i in the reference plan review checklist.	ed MCM, attach the
Attached		Not Attached	Not applicable
	on-Traditional MS4s and storm water management	per requirements b.iii in the replan review checklist.	eferenced MCM, attach the
Attached		SW-101 Not Attached	Not applicable
•		requirements c.i in the reference inspection form or checklist.	ed MCM, attach the
Attached	B-W	ONot Attached	Not applicable
Specific to N construction	storm water management	per requirements c.ii in the rest inspection form or checklist.	ferenced MCM, attach the
(•)Attached	SVVMP Attachment 4, S	W-101 Not Attached	Not applicable

Post-Construction S	ite Storm Water N	Management in New and Redevelopment
Specific to Tradition	al MS4s and per req	quirements b.i in the referenced MCM, attach the post-
construction storm w	ater management pl	lan review checklist.
Attached		Not Attached Not applicable
Specific to Non-Trac	itional MS4s and po	er requirements b.ii in the referenced MCM, attach the pos
construction storm w		
		Not Attached Not applicable
	iii in the reference	d MCM, attach the performance standards and associated
documents.		
OAttached SWMP EISA 4	Attachment 4, SW-103, 10	4A&B, Not Attached
		application between the according
201	8 Annual Repor	rt Attachments (2 nd Calendar Year)
Public Education a		AND
the state of the s		ICM, attach the required information regarding outreach
messages.		
Attached	Description (Logical)	Not Attached
Per requirements c.i	in the referenced M	CM, attach the required information regarding a description
		nedule for key target audiences.
Attached		Not Attached
Public Involvement	and Participation:	
	0000	ICM, attach the required information regarding participation
and key target audier		
Attached	ta via a substituti	Not Attached
Illicit Discharge De	ection & Eliminat	ion:
Per requirements a.i	n the referenced M	CM, attach the required information regarding categories of
		sociated pollutants, and local controls or conditions.
OAttached	A CONTRACT	Not Attached
Per requirements b.i	in the referenced M	CM, attach the required information regarding occasional
		sociated pollutants, and local controls or conditions.
Attached		Not Attached
Specific to Tradition	al MS4s and per req	quirements d.i in the referenced MCM, attach the adopted
ordinance or other re	gulatory mechanism	n to prohibit illicit discharges.
Attached	A Zeronin	ONot Attached ONot applicable
		er requirements d.ii in the referenced MCM, attach the
summary of legal au	hority to prohibit il	licit discharges.
Attached		Not Attached Not applicable
Per requirements d.ii	i in the referenced N	MCM, attach the required summary of the cooperative
agreements.	J. H. December	th triol not settliff thought out many probatories of

Attached	ONot Attached	
Per requirements d.iv in refer documents.	renced MCM, attach the Enforcement Re	esponse Plan and associated
Attached	Not Attached	
Per requirements e.ii in refer	enced MCM, attach the list of high prior	ity outfalls.
Attached	Not Attached	strict made and miles led a
of investigations conducted a	and per requirements f.iii in the reference and corrective actions taken per the requi Action Plan and any associated documen	red Illicit Discharge
Attached	Not Attached	Not applicable
summary of investigations co	MS4s and per requirements f.iv in the resonducted and corrective actions taken pe Action Plan and any associated document	r the required Illicit Discharge nts.
Attached	Not Attached	Not applicable
	rm Water Management in New and Ro	
	s and per requirements c.i in the reference nagement inspection form or checklist.	ed MCM, attach the post-
Attached	Not Attached	Not applicable
	MS4s and per requirements c.ii in the ref nagement inspection form or checklist.	Ferenced MCM, attach the post-
Attached	Not Attached	Not applicable
	ne referenced MCM, attach the inventory a storm water management controls.	of all new permittee-owned
Attached	Not Attached	Company of the Part State of the
Per requirements in c.vi in the	ne referenced MCM, attach an inspection	frequency protocol.
Attached	O Not Attached	I the supplier and compress
Specific to Traditional MS4s	and per requirements c.vii, attach the de	eveloped inspection program.
Attached	Not Attached	ONot applicable
Pollution Prevention/Good	Housekeeping for Permittee Operation	ns
Per requirements in a.iii in the	ne referenced MCM, attach completed St	andard Operating Procedures.
Attached	ONot Attached	

2019 Annual Repor	t Attachments (3 rd Cale	endar Year)
Public Education and Outreach:		
Per requirements c.ii in the referenced M	CM, attach the required info	rmation regarding outreach
materials distributions.		
Attached	Not Attached	- pro-hour shelder predict to
Public Involvement and Participation:	to revise him will have to	A Document Committee of A
Per requirements a.ii in the referenced M	CM, attach the required info	rmation regarding participation
and key target audience feedback on appr	roaches.	Landson Control of the Control
Attached	Not Attached	Carlo Margarett Laurantiuses
Illicit Discharge Detection & Eliminati	on:	w manufalitana ineme wing k
Per requirements a.i in the referenced MO		
non-storm water discharges or flows, ass	THE RESERVE TO THE RE	controls or conditions.
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Per requirements b.i in the referenced Mo		0 0
non-storm water discharges or flows, ass	The state of the s	controls or conditions.
OAttached	ONot Attached	Interduct - R. A Office 47. 1
Per requirements e.ii in referenced MCM	The second of th	ity outfalls.
Attached	Not Attached	Laddinist y
Per requirements e.iii in referenced MCN		ry of screening results.
Attached	Not Attached	
Specific to Traditional MS4s and per req of investigations conducted and corrective Investigation and Corrective Action Plan	e actions taken per the requir	red Illicit Discharge
Attached	Not Attached	Not applicable
Specific to Non-Traditional MS4s and pe		
summary of investigations conducted and		
Investigation and Corrective Action Plan	and any associated documer	nts.
OAttached	Not Attached	Not applicable
Construction Site Storm Water Manag	gement:	
Specific to Traditional MS4s and per req		
ordinance or other regulatory mechanism	to require construction storr	n water controls.
Attached	Not Attached	Not applicable
Specific to Non-Traditional MS4s and pe	er requirements a.ii in the refe	erenced MCM, attach the legal
authority summary.		
OAttached	Not Attached	Not applicable
Per requirements a.iii in the referenced M	ICM, attach the adopted Enfo	orcement Response Plan and
associated documents.	NT-4 A44. 1 1	
		dovolonment
OAttached Post-Construction Site Storm Water M	Not Attached Ianagement in New and Re	edevelopment

Attached	ost-construction storm water management controls. Not Attached
Specific to Traditional MS4s	and per requirements c.ix, attach the findings and resulting actions priority privately-owned post-construction storm water management
Attached	ONot Attached Not applicable
The second secon	Housekeeping for Permittee Operations
	e referenced MCM, attach the completed Standard Operating
Attached	Not Attached
2020 Annu Public Education and Outre	ual Report Attachments (4 th Calendar Year) each:
Per requirements c.ii in the re materials distributions.	ferenced MCM, attach the required information regarding outreach
Attached	Not Attached
Public Involvement and Par	ticipation:
Per requirements a.ii in the re and key target audience feedb	ferenced MCM, attach the required information regarding participation pack on approaches.
Attached	Not Attached
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Illicit Discharge Detection &	
Illicit Discharge Detection & Per requirements a.i in the ref	& Elimination:
Illicit Discharge Detection & Per requirements a.i in the ref	Elimination: ferenced MCM, attach the required information regarding categories of
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Investigation and Corrective A	Action Plan and any associated documents.
Attached	Not Attached Not applicable
	n Water Management in New and Redevelopment
Specific to Traditional MS4s	and per requirements a.i in the referenced MCM, attach the adopted mechanism to require post-construction storm water controls.
Attached	Not Attached Not applicable
Specific to Non-Traditional Mauthority summary.	IS4s and per requirements a.ii in the referenced MCM, attach the legal
Attached	Not Attached Not applicable
Per requirements in a.iii in the associated documents.	referenced MCM, attach the Enforcement Response Plan and
Attached	Not Attached
	ne referenced MCM, attach findings and compliance actions regarding ost-construction storm water management controls.
Attached	Not Attached
•	and per requirements c.ix, attach the findings and resulting actions priority privately-owned post-construction storm water management
Attached	Not Attached Not applicable
Per requirements in d.i in the	referenced MCM, attach a summary of the discussion outcomes.
Attached	O Not Attached
Pollution Prevention/Good I	Housekeeping for Permittee Operations
Per requirements in a.iii in the Procedures.	e referenced MCM, attach the completed Standard Operating
Attached	Not Attached
2021 Annu	ual Report Attachments (5 th Calendar Year)
Public Education and Outre	ach:
Per requirements c.ii in the rematerials distributions.	ferenced MCM, attach the required information regarding outreach
Attached	Not Attached
Public Involvement and Par	ticipation:
	ferenced MCM, attach the required information regarding participation
OAttached	Not Attached
Illicit Discharge Detection &	
Per requirements a.i in the ref	erenced MCM, attach the required information regarding categories of r flows, associated pollutants, and local controls or conditions.

Attached	Not Attached	
Per requirements b.i in the reference		
non-storm water discharges or flows		controls or conditions.
Attached	ONot Attached	and incompanies and a li-
Per requirements e.ii in referenced M	ICM, attach the list of high prior	ity outfalls.
Attached	Not Attached	an Educational Line
Per requirements e.iii in referenced	MCM, attach the required summa	ry of screening results.
Attached	Not Attached	
Specific to Traditional MS4s and pe of investigations conducted and corr Investigation and Corrective Action	ective actions taken per the requi	red Illicit Discharge
Attached	Not Attached	Not applicable
Specific to Non-Traditional MS4s as summary of investigations conducte Investigation and Corrective Action	d and corrective actions taken per Plan and any associated documen	r the required Illicit Discharge nts.
Attached	Not Attached	Not applicable
Post-Construction Site Storm Wat	ter Management in New and Re	edevelopment
Per requirements in c.viii in the refe inspections of high priority post-con		Control to the Control of the Contro
Attached	ONot Attached	
Specific to Traditional MS4s and peregarding inspections of high priorit controls.	•	•
Attached	Not Attached	Not applicable
Pollution Prevention/Good House	keeping for Permittee Operatio	ns
Per requirements in a.iii in the refere	enced MCM, attach completed St	andard Operating Procedures.
Attached	Not Attached	
Attach any undetes changes and	mnyayamanta ta tha Small MSA	Starm Water Management
Attach any updates, changes, or in Program per requirements in Par	•	Storm water management
Attached	Not Attached	Not applicable

Annual Report Form Signature

This Annual Report 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 Permittees 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].

Certification of this form indicates conformance with the 2017 General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer Systems and the required Annual Reporting upon receipt of permit coverage.

Name (Type or Print)

Lt Col Alex D. Mignery

Title (Type or Print)	Phone Number	
Commander, 341st Civil Engineer Squadron	406-731-6189	
Signature	Date Signed	
Ken-	29 Jan 2018	

Attachment 1

The following questions/answers are from the MS4 Annual Report Form regarding budget and resources.

(1) What are the source(s) of funding for implementation of the MS4 permit and the estimated percentage of the total budget allocated from each source listed?

Answer: Funded through U.S. Congress; 100%

(2) Specific to the annual reporting calendar year, how did the permittee justify commitment of resources or budget allocations to the implementation of the MS4 permit to decision-makers and the public? Provide a summary of meetings and outcomes held with decision-makers and the public.

Answer: The program funding is justified through specific permit requirements and projected workload. If the storm water program needs support, the storm water manager can request funds through the Air Force Civil Engineer Center. No additional personnel or funds were added to the MS4 Program in 2017.

(3) Has the permittee demonstrated program effectiveness to obtain budget allocations for this annual reporting calendar year or previous years? Why or why not? If so, what program effectiveness metrics were presented?

Answer: Funding is based on requirements of the permit, not program effectiveness.

(4) How was this annual reporting calendar year's approach to allocate resources different than the previous year's approach?

Answer: The focus in 2017 was to meet new permit requirements through forms and records. In previous years, the program was based on improving BMP metrics from previous reporting periods.

(5) Was the permittee successful in their request for budget allocations? Describe the outcome and factors that affected or resulted in that outcome.

Answer: Yes. Malmstrom AFB successfully obtained funds for the new sampling requirement in 2018.

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1) When are no somewhat obligating for in pleasanging of the Ashperman and the extrament researches affiliation for Magnetic in the control present that the plant of the control of th

Anterior Particular Comments of the Contract o

(1) Specific to the grants reporting administrator your new that the permitter partition and the second of section of the contract of the MS4 payments decision makes and the contract like the second of a manifest and contract. Left in the decision contract, and the colour

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