

2701 Prospect Avenue PO Box 201001 Helena MT 59620-1001

February 28, 2018

Jon Kenning, Chief Water Protection Bureau Department of Environmental Quality PO Box 200901 Helena, MT 59620-0901

Subject: 2017 Small MS4 Annual Report; Individual Permit Number MT0031844

Dear Mr. Kenning:

Currently, the Montana Department of Transportation (MDT) holds the following small MS4 permits that are administratively extended under the 2010 MS4 General Permit: MTR040001 – Billings, MTR040002 – Bozeman, MTR040004 – Great Falls, MTR040005 – Kalispell, MTR040006 – Butte, MTR040007 – Missoula, MTR040009 – Helena, and MTR040010 – Yellowstone County.

In previous permit cycles, MDT held a co-permittee status for each of the above permits except MT040009, which was a sole permittee. During the 2015 renewal process, MDT made the decision to apply for an individual Montana Pollutant Discharge Elimination System (MPDES) permit. The application for this individual permit was submitted to your agency on November 24, 2014. A Notice of Completeness for MDT's application was received on December 19, 2014, providing the Individual MPDES Permit number MT0031844. The letter also provided notice under ARM 17.30.1313 that our current permits would be administratively extended until such time your agency issues the individual permit.

Subsequent email correspondence with your agency in January 2016 indicated MDT had the option to submit one annual report under the individual permit MT0031844 to cover the currently administratively extended permits.

MDT's Storm Water Management Plan is applied uniformly statewide in all of Montana's small MS4s. For clarity and efficiency, MDT is submitting a single annual report. By submitting one annual report for MDT's Individual Permit MT0031844, repetition of information will be eliminated. Any information specific to one permit will reference only that specific permit (i.e. MTR04---) or the MS4 Area.

Please find attached an original signature copy of the 2017 MPDES Small MS4 Annual Report Form (MS4-AR). Appendices are identified within the provided form and attached. The comprehensive annual report is signed and certified as a whole document.

Of particular note, MDT would like to highlight some of our major achievements in the past year:

• Installed the underground storm water chambers at the Kalispell Maintenance Facility;

- Ongoing consultant development of a formal MS4 outfall designation procedure and MS4 outfall mapping updates;
- Incorporated 2016 Best Management Practices Manual into special provisions for all projects within MS4 boundaries;
- Provided feedback for the Permanent Erosion and Sediment Control Design Guidelines Manual;
- Hired a consultant to update MDT's Online SWPPP Administrator training.

If you have any questions or concerns, please contact Tom Gocksch at 406.444.9412 or Mark Young at 406.444.6395. They will be pleased to assist you.

Sincerely, Tom S. Martin, P.E. Environmental Services Bureau Chief

e-copies:

Lynn Zanto	Rail, Transit, and Planning Division Administrator
Ed Toavs, P.E.	Missoula District Administrator
Jeff Ebert, P.E.	Butte District Administrator
Dave Hand	Great Falls District Administrator
Stefan Streeter, P.E.	Billings District Administrator
Justun Juelfs	Kalispell Maintenance Chief
Steve Felix	Missoula Maintenance Chief
Kyle DeMars	Bozeman Maintenance Chief
Kam Wrigg	Butte Maintenance Chief
Harry Barnett	Great Falls Maintenance Chief
Tom Tilzey	Billings Maintenance Chief
Bob Vosen, P.E.	Missoula District Construction Engineer
William Fogarty	Butte District Construction Engineer
Rich Hibl, P.E.	Great Falls District Construction Engineer
Mike Taylor, P.E.	Billings District Construction Engineer
Michael Ivanoff, P.E.	Missoula District Environmental Engineering Specialist
Rich Nehl, P.E.	Butte District Environmental Engineering Specialist
David Grosse, P.E.	Great Falls District Environmental Engineering Specialist
Shaun Sampson	Billings District Environmental Engineering Specialist
Andrew Fletcher	Glendive District Environmental Engineering Specialist
Doug McBroom	Maintenance Operations Manager
Mike Murolo	Maintenance Facilities Manager
Dave Hedstrom, P.E.	Hydraulics Engineer
Tom Martin, P.E.	Environmental Services Bureau Chief
Tom Gocksch, P.E.	Environmental Services Engineering Section Supervisor
Tim Holley, P.E.	Field Services Unit Supervisor
Mark Young, P.E.	Statewide Environmental Engineering Specialist/MS4 Coordinator
copy w/ attachments	

ESB MS4 File TM:mty: G:\Engineering\MS4\Annual_Reports\2017\WorkingDocs\01-Cover_Letter_2017_MS4_AR.docx Environmental Services Bureau

	Agency Use						
Permit No.:				Date Rec'd	Rec'd By		
	WATER PROTECTION BUREAU						
FORM MS4-AR	MPDI	ES Storm Wa	ater Small MS	84 Annual Repor	rt Form		
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4).</i> All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.							
MS4 Annual Rep	mit Authorizatio port for Calendar Y ation does your MS	<i>'ear</i>	$\begin{array}{c} \textbf{acility} & \textbf{N} \\ 2 & 0 & \frac{1}{2} & \frac{7}{2} \\ 0 & (\text{No Resident} \end{array}$	ATR040_0_0_1_ Population)_			
Small MS4 Name Zip Code 59101	Section B - Facility or Site Information (See instructions.): Small MS4 Name MDT MS4 - Billings Zip Code 59101-59108, 59111-59112, 59114-5911 County Yellowstone Latitude 45.787397 Longitude -108.499947						
Contact Person: I Owner or Operat Mailing Address	Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620						
	ter Quality Prior		paired on the Monta	ana 303(d) List?] Yes 🔲 No		

Agency Use							
Permit No.:				Date Rec'd	Rec'd By		
	WATER PROTECTION BUREAU						
FORM MS4-AR	MPDI	ES Storm V	Vater Small MS	54 Annual Repor	rt Form		
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)</i> . All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.							
MS4 Annual Rep	mit Authorizatio port for Calendar Y ation does your MS	'ear	Facility N $2 0 \frac{1}{7} \frac{7}{0}$ 0 (No Resident	1TR040_0_0_2_ Population)_			
Small MS4 Name Zip Code 5971	Section B - Facility or Site Information (See instructions.): Small MS4 Name MDT MS4 - Bozeman Zip Code 59715, 59716, 59719, and 59772 County Gallatin Latitude 45.68873 Longitude -111.03194						
Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620 Phone Number (406) 444-0879							
	ter Quality Prior		npaired on the Monta	na 303(d) List? ☑]Yes 🗆 No		

	Agency Use						
Permit No.:				Date Rec'd	Rec'd By		
	WATER PROTECTION BUREAU						
FORM MS4-AR	MPDI	ES Storm V	Vater Small MS	54 Annual Repor	•t Form		
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)</i> . All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.							
MS4 Annual Rep	mit Authorizatio port for Calendar Y ation does your MS	'ear	Facility N $2 0 \frac{1}{7} \frac{7}{0}$ 0 (No Resident	1TR040_0_0_4_ Population)_			
Small MS4 Name Zip Code 5940	Section B - Facility or Site Information (See instructions.): Small MS4 Name MDT MS4 - Great Falls Zip Code 59401 through 59406 County Cascade Latitude 47.52378 Longitude -111.30896						
Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620 Phone Number (406) 444-0879							
	ter Quality Prior		npaired on the Monta	na 303(d) List? ☑]Yes 🗆 No		

	Agency Use						
Permit No.:				Date Rec'd	Rec'd By		
	WATER PROTECTION BUREAU						
FORM MS4-AR	MPDI	ES Storm W	ater Small MS	54 Annual Repor	•t Form		
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)</i> . All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.							
MS4 Annual Rep	mit Authorization port for Calendar Y ntion does your MS	'ear	acility N $20\frac{1}{7}$ 0 (No Resident	1TR040_0_0_5_			
Section B - Fac Small MS4 Name Zip Code Latitude Small MS4 Type	Section B - Facility or Site Information (See instructions.): Small MS4 Name MDT MS4 - Kalispell Zip Code 59901 Latitude 48.1978						
Sinan Mist Type. Federar State V County City/Town Other Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620 Phone Number (406) 444-0879							
	ter Quality Prior		paired on the Monta	una 303(d) List?] Yes 🛛 No		

	Agency Use							
Permit No.:				Date Rec'd	Rec'd By			
	WATER PROTECTION BUREAU							
FORM MS4-AR	MPDI	ES Storm V	Vater Small MS	84 Annual Repor	rt Form			
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)</i> . All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.								
MS4 Annual Rep	mit Authorizatio port for Calendar Y ation does your MS	'ear	Facility N $2 0 \frac{1}{7} \frac{7}{0}$ 0 (No Resident	ATR040_0_0_6_ Population)_				
	Latitude 45.9688 Longitude -112.5158							
Contact Person: I Owner or Operate Mailing Address	Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620							
	ter Quality Prior		mpaired on the Monta	nna 303(d) List?] Yes 🛛 No			

Agency Use								
Permit No.:				Date Rec'd	Rec'd By			
	WATER PROTECTION BUREAU							
FORM MS4-AR	MPDI	ES Storm W	ater Small MS	54 Annual Repor	rt Form			
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)</i> . All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.								
MS4 Annual Rep	mit Authorizatio port for Calendar Y ation does your MS	ear	acility M $2 \ 0 \ \frac{1}{2} \ \frac{7}{2}$ 0 (No Resident	1TR040_0_0_7_ Population)				
	Latitude 46.86667 Longitude -114.0000							
Contact Person: I Owner or Operat Mailing Address	Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620							
	ter Quality Prior		paired on the Monta	una 303(d) List?]Yes 🗆 No			

	Agency Use							
Permit No.:				Date Rec'd	Rec'd By			
	WATER PROTECTION BUREAU							
FORM MS4-AR	MPDI	ES Storm V	Water Small M	84 Annual Repor	rt Form			
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)</i> . All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.								
MS4 Annual Rep	mit Authorizatio port for Calendar Y ation does your MS	'ear	Facility N $2 0 \frac{1}{7} \frac{7}{0}$ 0 (No Resident	ATR040_0_0_9_				
	Section B - Facility or Site Information (See instructions.): Small MS4 Name MDT MS4 - Helena Zip Code 59601 & 59602 County Latitude 45.58925 Longitude							
Sinan MS4 Type. Federar State V County City/Town Other Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620 Phone Number (406) 444-0879								
	S4 discharge to w		impaired on the Monta	ana 303(d) List?]Yes 🗆 No			

	Agency Use						
Permit No.:				Date Rec'd	Rec'd By		
	WATER PROTECTION BUREAU						
FORM MS4-AR	MPDI			84 Annual Repoi	rt Form		
This form is to be completed by each permittee or co-permittee authorized to discharge storm water under the <i>General Permit for Storm Water Discharge Associated with Small Municipal Separate Storm Sewer System (MS4)</i> . All authorized permittees or co-permittees are required to complete this Annual Report Form for each calendar year the facility is authorized as required in Part IV.I. of the General Permit and to submit it (postmarked) no later than March 1 st following the respective calendar year reporting period. For co-permittees authorized under one permit authorization and for co-permittees with multiple permit authorizations, you are required to complete this form and all items on it exclusively for your particular Small MS4 and Storm Water Management Program (SWMP) within your respective regulated Small MS4 area. The Department has attached instructions for this form in order to help with the completion of item responses. If additional space is needed for item responses, you may include attachments noting the section and item number.							
MS4 Annual Rep	mit Authorization port for Calendar Y ntion does your MS		ility N 2 0 <u>1</u> <u>7</u> 0 (No Resident	/TR040_0_1_0_ Population)_			
Small MS4 Name Zip Code 59101							
Contact Person: I Owner or Operate Mailing Address	Section C - Applicant (Owner/Operator) Information Contact Person: Name Tom Martin Tom Martin Title Chief - Environmental Services Bureau Owner or Operator Montana Dept. of Transportation Mailing Address PO Box 201001 City, State, and Zip Code Helena, MT 59620						
	ter Quality Prior	ities aters listed as impai	ired on the Monta	nna 303(d) List?]Yes 🗌 No		

2.	If yes, identify each impaired water, the impairment, whether a TMDL has been approved by EPA for each,
	and whether the TMDL assigns a wasteload allocation to your MS4. Use a new line for each impairment, and
	attach additional pages as necessary.

Impa	ired Water	Impairment	Approved TMDL	TMDL assigns MS4	WLA to				
	Please see	Appendix L, D.2 and Appendix	D for detailed information.						
	3. What specific sources contributing to the impairment(s) are you targeting in your Storm Water Management Program?								
4. D	Oo you discharge to any "hig	h-quality waters" (as defined	in 75-5-103, MCA)?	✓ Yes	□ No				
	are you implementing additintegrity?	onal specific provisions to en	sure their continued	☑ Yes	□ No				
	f yes, what are they? T contractors are contractually	v obligated to follow all applicabl	e water quality protection la	aws.					
Secti	on E - Public Education a	and Public Participation de	ease see Appendix L, Sect tailed information.	ion E for					
	s your public education prog ollutants?	ram targeting specific polluta	nts and sources of those	☑ Yes	🗆 No				
		ources and/or pollutants addruction activities, vehicle fluids, a	<i>y y</i> 1	1 0					
р		ome(s) (e.g., quantified reduc y attributable to your public e ed outcomes.							
		nmittee or other body compris gular input on your SWMP?	ed of the public and othe	er 🗌 Yes	☑ No				
Secti	on F - Construction								
1. I	Do you have an ordinance or	other regulatory mechanism	stipulating:						
F	Erosion and sediment contro	l requirements?	Please see Appendix	KL, ☑ Yes	🗆 No				
(Other construction waste cor	ntrol requirements?	F.1. for detailed information.	☑ Yes	🗆 No				
ŀ	Requirement to submit const	ruction plans for review?		☑ Yes	🗆 No				
Ν	MS4 enforcement authority?			🗹 Yes	🗆 No				
2. I	Do you have written procedu	ires for:							
ŀ	Reviewing construction plan	s?	Please see Appendix	L, 🗹 Yes	🗆 No				
I	Performing inspections?		F.2 for detailed information.	🗹 Yes	🗆 No				
ŀ	Responding to violations?			🗸 Yes	🗆 No				

3.	Identify the number of active construction sites, greater than or equal to 1 acre, in operation in your jurisdiction at any time during the reporting period. Please see Appendix L, F.3						
4.	How many of the sites identified in F.3. did you inspect during this reporting period? See Appendix L, F.4						
		U <i>i i</i>		WMP conducts construction site see Appendix L, F.5. regarding ME	1		
6.	Do you pri	oritize certain construction	sites for more fre	quent inspections?	✓ Yes	🗆 No	
P	If yes, based on what criteria? Please see Appendix L, F.6. regarding MDT guidelines.						
7.	-	on activities, indicate the m		ctions you used during the report or note those for which you do r			
	□ Yes	Notice of violation	# 0 (zero)	No Authority 🗹			
	□ Yes	Administrative fines	# 0 (zero)	No Authority 🗹			
	□ Yes	Stop Work Orders	# 0 (zero)	No Authority			
	□ Yes	Civil penalties	# 0 (zero)	No Authority 🗹			
	□ Yes □ Yes	Criminal actions Administrative orders	# 0 (zero) # 0 (zero)	No Authority 🔽			
	\Box Yes	Other	# 0 (2010)				
<u>N</u> 10.	your jurisd What are the	liction? he 3 most common types o do municipal employees r	f violations docum	f active construction sites in See Appendix L, F.8. for nented during this reporting per- the construction program?		□ No nation.	
Sec	tion G - I	llicit Discharge Eliminati	on				
1.	Have you system?	completed a map of all out	falls and receiving	g waters of your storm sewer	☑ Yes	🗆 No	
2.	•	completed a map of all sto er system?	rm drain pipes and	l other conveyances in the	□ Yes	☑ No	
3.	Identify th	ne number of outfalls in you	ur storm sewer sys	tem. See Appendix L, G.3			
		f Major outfalls See Appe		mber of Minor Outfalls See Ap	opendix L, G.3	3	
	Are these	numbers estimated or meas	sured? See Appen	dix L, G.3	-		
4.	Do you ha	we documented procedures	s, including freque	ncy, for screening outfalls?	Yes	Dix L G 4	
5.	 Do you have documented procedures, including frequency, for screening outfalls? Yes No Please see Appendix L, G.4. Of the outfalls identified in G.3., how many were screened for dry weather discharges during this reporting period? See Appendix L, G.5 						
6.		falls identified in G.3., how ned MS4 permit coverage?		screened for dry weather discha	arges at any	time since	
	size/type.		-	discharges? Describe any variate per permit cycle per BMP-IDDE-0			

8.	Do you have an ordinance or other regulatory mechanism that effectively prohibitsillicit discharges?Please see Appendix L, G.8, 9 for detailed information.	□ Yes	☑ No
9.	Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges?	□ Yes	☑ No
10	. During this reporting period, how many illicit discharges/illegal connections have you discover None	covered?	
11.	. Of those illicit discharges/illegal connections that have been discovered or reported, how reliminated? N/A	nany have	been
12.	. How often do municipal employees receive training on the illicit discharge program? Training will be performed annually for key personnel.		
Sec	tion H - Storm Water Management for Municipal Operations		
1.	Have storm water pollution prevention plans (or an equivalent plan) been developed for:		
	All public parks, ball fields, other recreational facilities and other open spaces?	□ Yes	🗹 No
	All municipal construction activities, including those disturbing less than 1 acre?	✓ Yes	🗆 No
	All municipal turf grass/landscape management activities?	□ Yes	🗹 No
	All municipal vehicle fueling, operation and maintenance activities?	✓ Yes	🗆 No
	All municipal maintenance yards? MDT maintenance facilities have FPPPs.	✓ Yes	🗆 No
	All municipal waste handling and disposal areas?	□ Yes	🗹 No
	her MDT is not a municipality. Items checked 'no' are not under MDT jurisdiction. See appendix L, H.1 t 	for more info)
2.	Are storm water inspections conducted at these facilities?	✓ Yes	🗆 No
3.	If yes, at what frequency are inspections conducted? MDT facilities are inspected monthl	y per FPPP	
4.	List activities for which operating procedures or management practices specific to storm where been developed (e.g., road repairs, catch basin cleaning).	vater manaş	gement
	Please see Appendix L, H.4 for more information.		
5.	Do you prioritize certain municipal activities and/or facilities for more frequent inspection?	□ Yes	☑ No
6.	If yes, which activities and/or facilities receive most frequent inspections?		
	N/A		
7.	Do all municipal employees and contractors overseeing planning and implementation of storm water-related activities receive comprehensive training on storm water management? Please see Appendix L, H.7 for detailed information.	☑ Yes	No
8.	If yes, do you also provide regular updates and refreshers?	✓ Yes	🗆 No
9.	If so, how frequently and/or under what circumstances?		
	Pertinent MDT employees are provided with training at least once per permit cycle and updates as	needed.	

Sec	tion I - Long-term (Post-Construction) Storm Water Measures		
1.	Do you have an ordinance or other regulatory mechanism to require:	Please see Appendix L, I.1 for detailed information.]
	Site plan reviews for storm water/water quality of all new and re-develop projects?	oment 🗹 Yes	□ No
	Long-term operation and maintenance of storm water management control Retrofitting to incorporate long-term storm water management controls?	ols?	□ No □ No
	If you have retrofit requirements, what are the circumstances/criteria? IDT requirements are specified in the Permanent Erosion and Sediment Control	Manual (PESC Manual)	
	What are your criteria for determining which new/re-development storm all projects, projects disturbing greater than one acre, etc.) Il projects under MDT jurisdiction within a MS4 area are reviewed	water plans you will review	v (e.g.,
4.	Do you require water quality or quantity design standards or performance either directly or by reference to a Montana or other standard, be met for development and re-development?	·	🗆 No
5.	Do these performance or design standards require that pre-development h	ydrology be met for:	
	Flow volumes?	□ Yes	🗹 No
	Peak discharge rates?	☑ Yes	🗆 No
	Discharge frequency?	☑ Yes	🗆 No
	Flow duration?	□ Yes	🗹 No
	Please provide the URL/reference where all post-construction storm wate found. ydraulics, PESC, and Maintenance Manuals (http://www.mdt.mt.gov/publications	-	n be
7.	How many development and redevelopment project plans were reviewed assess impacts to water quality and receiving stream protection? 100%	during the reporting period Please see Appendix L, I.7	to
8.	How many of the plans identified in I.7. were approved? 100% Please	see Appendix L, I.8	
	How many privately owned permanent storm water management practice the reporting period? N/A - Not within MDT authority	Ĩ	during
10.	How many of the practices/facilities identified in I.9. were found to have N/A	inadequate maintenance?	
11.	How long do you give operators to remedy any operation and maintenance inspections?	e deficiencies identified du	ring
	eficiencies are to be corrected as soon as practicable considering pertinent factor		
12.	Do you have authority to take enforcement action for failure to properly o maintain storm water practices/facilities?	operate and □ Yes	🗆 No
	If yes, what authority?		
P	lease see Appendix L, I.12.		
13.	How many formal enforcement actions (i.e., more than a verbal or written adequately operate and/or maintain storm water management practices?	e,	ailure to

14.	Do you use an electronic tool (e.g., construction BMPs, inspections, ar				✓ Yes □ No			
15.	Do all municipal departments and/osystem?				✓ Yes □ No			
16.	How often do municipal employee	s receive training on	the post-c	onstruction program?	As Needed			
Sec	tion J - Storm Water Manageme	nt Program Resour	·ces					
1.	. What was the annual expenditure to implement MS4 permit requirements this reporting period? MS4 specific budget not tracked Please see Appendix L, J.1.							
2.	What is next year's budget for imp	lementing the require	ements of	your MS4 MPDES p	ermit? Undetermined			
3.	 This year what is/are your source(s) of funding for the MS4 SWMP, and annual revenue (amount or percentage) derived from each? Source: MDT Environmental Services Bureau Budget Amount \$ OR % 							
	Source: MDT Maintenance Budgets				OR %			
	Source: State and federal dollars for	highway design and c	onstruction		OR %			
4.	How many FTEs does your munici implementing the Storm Water Ma	pality devote to the	Storm Wa	ter Management Prog	ram (specifically for			
5.	Do you share Storm Water Manage with any other entities?	ement Program imple	ementatior	n responsibilities	🗆 Yes 🗹 No			
Ent N/A	5	/Task/Responsibility		Your Oversight/Acco	untability Mechanism			
						_		
						-		
Sec	tion K - Evaluating/Measuring P	rogress						
	What indicators do you use to eval how long have you been tracking th individual management practices of Management Program, such as mad cover in the watershed, indicators of	hem, and at what free r tasks, but large-sca cro-invertebrate com of in-stream hydrolog Began Tracking	quency? T le or long- munity ind gic stabilit	hese are not measural term metrics for the dices, measures of eff y, etc.	ble goals for overall Storm Water fective impervious Number of			
Ind Non	licator e	(year)	Frequen	cy	Locations			
						_		
						_		
						_		
						_		
2.	What environmental quality trends Management Program? Reports or they may be found on the Web.	summaries can be at		2		-		

Section L - Additional Information

In the space below, please include any additional information on the performance of your MS4 Storm Water Management Program. If providing clarification to any of the questions on this form, please provide the question number (e.g., I.5.) in your response.

Please see Appendix L for additional information.

Section M - Additional Detailed Information: Storm Water Discharge Monitoring

In the space below, please provide the "Evaluation of Storm Water Quality Monitoring Test Results" based on the requirements in Part IV.A.6. of the General Permit. Please also use this space to describe and evaluate any other storm water discharge monitoring which may have occurred during this reporting period.

Per Part IV.A.5 of the 2010 General Permit, MDT is not required to provide Storm Water Quality Monitoring.

Section N - Additional Detailed Information: Summary of Compliance and/or Status of SWMP

Please provide a summary of compliance with respect to General Permit requirements, and the development/implementation of your SWMP. In this section, each permittee must describe the status of SWMP activities and components. Responsible persons, agencies, departments or co-permittees must be included. Each activity/component must specify established goals or performance standards. *(See instructions.)*

Minimum Control Measure Name	General Permit Condition Item Number	SWMP Activity or Component Name	Brief Description of SWMP Activity or Component	Responsible Agency, Department, or Organization; and Person or Position	Development of SWMP Item Completed and/or In Effect (Yes or No, Explain)	Measurable Goal or Performance Standard Utilized
Public Education and Outreach on Storm Water Impacts	II.B.1.					
Public Involvement/ Participation	II.B.2.		e see Apper			
Illicit Discharge Detection and Elimination (IDDE)	II.B.3.	suppler	nental inforr	nation. **		
Construction Site Storm Water Runoff Control	II.B.4.					
Post- Construction Storm Water Management in New Development and Redevelopment	II.B.5.					
Pollution Prevention/Good Housekeeping for Municipal Operations	II.B.6.					

Section O - Additional Detailed Information: Summary of Activities and Description of SWMP Effectiveness During Past Year

Please describe the previous year's activities for the actual implementation of your SWMP and highlight the SMWP's effectiveness, preferably using quantitative indicators. *(See instructions.)*

SWMP Activity or Component Name		
Minimum Control Measure Name (If Applicable)		
General Permit Condition Item Number (If Applicable) Brief	see Appendix ental informat	
Description of Planned SWMP Action Taken]
Responsible Agency, Department, or Organization; and Person or Position		
Measurable Goal or Performance Standard Utilized		
Quantitative Indicators Used and Results		
Impact On SWMP Effectiveness		

Section P - Additional Detailed Information: Planned Activities and Changes During Next Year

	entation, please describe lighting any changes ma			
SWMP Activity or Component Name				
	DT has applied			T's SWMP and
General Wi	th the requiren	nents as listed	in the Individu	al Permit.
Item Number (If Applicable)				
Brief Description of Planned SWMP Action Taken				
Responsible Agency, Department, or Organization; and Person or Position				
Measurable Goal or Performance Standard Utilized				

Section Q - CERTIFICATION

Applicant Information: This form must be completed, signed, and certified as follows (see Section V.K. of the General Permit):

- 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]

A. Name (Type or Print)

Tom Martin

B. Title (Type or Print) Chief - Environmental Services Bureau	C. Phone No. (406) 444-0879
D. Signature	E. Date Signed
at the second se	Feb 28, 2018

The Department will not process this form until all of the requested information is supplied. Return this form to:

Department of Environmental Quality Water Protection Bureau PO Box 200901 Helena, MT 59620-0901 (406) 444-3080

Appendix D

Section D (page 2) – Additional Information

Individual Permit Authorization: MT0031844

(Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010)

Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County

Appendix D Permit Authorization: MTR040001 Montana Department of Transportation Billings MS4

Impaired Water	Impairment	Approved TMDL	TMDL Assigns WLA to MS4
Canyon Creek (MT43F002_021)	Other flow regime alterations	No	No
Yellowstone River (MT43F001_010)	Arsenic	No	No
	Benthic – Macroinvertebrate Bioassessments	No	No
	Dissolved Oxygen Saturation	No	No
	Excess Algal Growth	No	No
	Nutrient – Eutrophication Biological Indicators	No	No
	Oil and Grease	No	No
	Periphyton (Aufwuchs) Indicator Bioassessments	No	No
	Solids (Suspended-Bedload)	No	No
Yellowstone River (MT43F001_011)	Cause Unknown	No	No
	Chlorophyll-a	No	No
	Nitrate/Nitrite (Nitrite + Nitrate as N)	No	No
	Oil and Grease	No	No
	Other anthropogenic substrate alterations	No	No
	Physical substrate habitat alterations	No	No

Appendix D Permit Authorization: MTR040002 Montana Department of Transportation Bozeman MS4

Impaired Water	Impairment	Approved TMDL	TMDL Assigns WLA to MS4
Bridger Creek (MT41H003_110) *	Chlorophyll-a	No	No
	Nitrate/Nitrite (Nitrite + Nitrate as N)	Yes	¥es**
East Gallatin River (MT41H003_010)	Nitrogen (Total)	Yes	Yes**
	Phosphorus (Total)	Yes	Yes**
Sourdough (Bozeman Creek)	Alteration in stream-side or littoral	No	No
(MT41H003_040)	vegetative covers		
	Chlorophyll-a	No	No
	Escherichia coli	Yes	Yes**
	Nitrogen (Total)	Yes	Yes**
	Sedimentation-siltation	Yes	No

*The tables provided historical data from when MDT was a Co-Permittee, listing all impaired waters to which either MDT or a Co-Permittee discharged. The tables in Section D and Appendix D have been altered to reflect that MDT is no longer a Co-Permittee by striking out any impaired waters to which MDT does not discharge.

** The City of Bozeman MS4 is given a WLA of 0.00 during low flow conditions as the system should not be actively discharging at this time.

Appendix D Permit Authorization: MTR040004 Montana Department of Transportation Great Falls MS4

Impaired Water	Impairment	Approved TMDL	TMDL Assigns WLA to MS4
Missouri River (MT41Q001_011)	Chromium (total)	No	No
	Mercury	No	No
	Physical substrate habitat alterations	No	No
	Polychlorinated biphenyls	No	No
	Sedimentation-Siltation	No	No
	Selenium	No	No
	Solids (Suspended-Bedload)	No	No
	Turbidity	No	No
Missouri River (MT41Q001_022)	Sedimentation-Siltation	No	No
Sand Coulee Creek			
(MT41Q002_040) *	Lead	No	No
	Salinity	No	No
	Zinc	No	No
Sun River (MT41K001_020)	Nitrogen (Total)	Yes	No
	Other flow regime alterations	No	No
	Phosphorus (Total)	Yes	No
	Sedimentation/Siltation	Yes	No
	Total Suspended Solids (TSS)	Yes	No

*The tables provided historical data from when MDT was a Co-Permittee, listing all impaired waters to which either MDT or a Co-Permittee discharged. The tables in Section D and Appendix D have been altered to reflect that MDT is no longer a Co-Permittee by striking out any impaired waters to which MDT does not discharge.

Appendix D Permit Authorization: MTR040005 Montana Department of Transportation Kalispell MS4

Impaired Water	Impairment	Approved TMDL	TMDL Assigns WLA to MS4
	Alteration in stream-side or littoral	Nie	Nia
Ashley Creek (MT76O002_030)	vegetative covers	No	No
	Chlorophyll-a	No	No
	Nitrate-Nitrite (Nitrite and Nitrate as N)	Yes	No
	Nitrogen (Total)	Yes	No**
	Oxygen, Dissolved	Yes	No
	Phosphorus (Total)	Yes	No**
	Sedimentation-Siltation	Yes	Yes*
	Temperature, water	Yes	No
Spring Crock (NAT760002, 040)	Alteration in stream-side or littoral	No	No
Spring Creek (MT76O002_040)	vegetative covers	No	No
	Arsenic	No	No
	Nitrate-Nitrite (Nitrite and Nitrate as N)	Yes	No
	Nitrogen (Total)	Yes	No**
	Other flow regime alterations	No	No
	Oxygen, dissolved	Yes	No
	Phosphorus (Total)	Yes	No**
	Physical substrate habitat alterations	No	No
Stillwater Diver (NAT76D001, 010)	Alteration in stream-side or littoral	No	No
Stillwater River (MT76P001_010)	vegetative covers	No	No
	Sedimentation/Siltation	Yes	Yes*

* The Load Allocations (% reduction) is assigned to the City of Kalispell MS4.

** The TMDL is not intended to add concentration or load limits to the MS4 permit; meeting permit BMP and other requirements equates to meeting the WLAs.

Appendix D Permit Authorization: MTR040006 Montana Department of Transportation Butte MS4

Impaired Water	Impairment	Approved TMDL	TMDL Assigns WLA to MS4
Silver Bow Creek (MT76G003_020)	Arsenic	Yes	Yes*
	Cadmium	Yes	Yes*
	Copper	Yes	Yes*
	Lead	Yes	Yes*
	Mercury	Yes	Yes*
	Nitrates	Yes	No
	Nitrogen (Total)	Yes	Yes**
	Phosphorus (Total)	Yes	Yes**
	Physical substrate habitat alterations	No	No
	Sedimentation/Siltation	Yes	Yes*
	Zinc	Yes	Yes*

* This WLA is assigned to the Butte-Silver Bow MS4.

** The Butte-Silver Bow MS4 is given a WLA of 0.00 during low flow conditions as the system should not be actively discharging at this time.

Appendix D Permit Authorization: MTR040007Montana Department of Transportation

Missoula MS4

Impaired Water Impairment		Approved TMDL	TMDL Assigns WLA to MS4	
Bitterroot River (MT76H001_030)	Alteration in stream-side or littoral vegetative covers	No	No	
	Lead	Yes	No	
	Temperature, water	Yes	No	
Clark Fork River (MT76E001_010)*	Alteration in stream-side or-littoral- vegetative covers-	No-	No-	
	Arsenic	Yes	No	
	Cadmium-	Yes	No	
	Chlorophyll-a	No	No	
	Copper -	Yes	No	
	Iron	Yes	No	
	Lead	Yes	No	
	Mercury	Yes	No	
	Nitrogen (Total)	Yes	No	
	Phosphorus (Total) Zinc	Yes Yes	No No	
Clark Fork River (MT76M001_020)	Chlorophyll-a	Yes	No	
	Copper	Yes	Yes**	
	Iron	Yes	Yes**	
	Lead	Yes	Yes**	
	Nitrogen (Total)	Yes	No	
	Organic Enrichment (Sewage) Biological Indicators	Yes	No	
	Phosphorus (Total)	Yes	No	
Clark Fork River (MT76M001_030)	Arsenic	Yes	Yes**	
	Cadmium	Yes	Yes**	
	Copper	Yes	Yes**	
	Iron	Yes	Yes**	
	Lead	Yes	Yes**	
	Nutrient-Eutrophication Biological Indicators	Yes	No	
	Zinc	Yes	Yes**	
Grant Creek (MT76M002_130)	Alteration in stream-side or littoral vegetative covers	No	No	
	Excess Algal Growth	No	No	
	Low flow alterations			
		No	No Yes**	
	Nitrate/Nitrite (Nitrite plus Nitrate as N)	Yes		
	Nitrogen (Total)	Yes	Yes**	
	Sedimentation-Siltation	Yes	Yes**	
	Temperature, water	Yes	No	
Blackfoot River (MT76F001_033)	Insufficient Information	N/A	N/A	
Rattlesnake Creek (MT76M002_120)	Other flow regime alterations	No	No	

*The tables provided historical data from when MDT was a Co-Permittee, listing all impaired waters to which either MDT or a Co-Permittee discharged. The tables in Section D and Appendix D have been altered to reflect that MDT is no longer a Co-Permittee by striking out any impaired waters to which MDT does not discharge.

** This WLA is assigned to the Missoula MS4. The WLAs are not intended to add concentration or load limits to the permit. DEQ assumes the WLAs will be met by adhering to the permit requirements and reducing either the metals concentrations or the discharger volumes, or both.

Appendix D

Permit Authorization: MTR040009

Montana Department of Transportation

Helena MS4

		Approved	TMDL Assigns
Impaired Water	Impairment	TMDL	WLA to MS4
Prickly Pear Creek (MT411006_030)- *	Alteration in stream side or littoral vegetative covers	No	No
_	Ammonia (Un ionized)	No	No
-	Arsenic	Yes	No
-	Cadmium	<u>Yes</u>	No
-	Copper	<u>Yes</u>	No
_	Lead	Yes	No
-	Low flow alterations	No	No
_	Nitrogen (Total)	Yes	No
_	Phosphorus (Total)	Yes	No
-	Physical substrate habitat alterations	No	No
_	Sedimentation/Siltation-	Yes	No
_	Temperature, water	No	No
	Zinc	Yes	No
Prickly Pear Creek (MT411006_040)- *	Alteration in stream side or littoral vegetative	No	No
	Arsenic	Yes	No
	Cadmium	Yes	No
	Copper	Yes	No
	Lead	Yes	No
_	Physical substrate habitat alterations	No	No
_	Sedimentation/Siltation	Yes	No
_	Temperature, water	Yes	No
_	Zinc	Yes	No
Tenmile Creek (MT411006_143) *	Alteration in stream side or littoral vegetative covers	No	No
	Arsenic	Yes	No
_	Cadmium	Yes	No
-	Copper	Yes	No
_	Lead	Yes	No
-	Low-flow-alterations-	No	No
-	Nitrogen (Total)	<u>Yes</u>	No
_	Nutrient/Eutrophication Biological Indicators	Yes	No
_	Phosphorus (Total)	Yes	No
_	Sedimentation/Siltation-	Yes	No
	Zine	Yes	No

*The tables provided historical data from when MDT was a Co-Permittee, listing all impaired waters to which either MDT or a Co-Permittee discharged. The tables in Section D and Appendix D have been altered to reflect that MDT is no longer a Co-Permittee by striking out any impaired waters to which MDT does not discharge.

Appendix D Permit Authorization: MTR040010 Montana Department of Transportation Yellowstone County MS4

Impaired Water	Impairment	Approved TMDL	TMDL Assigns
Yellowstone River (MT43F001_010)	Arsenic	No	No
	Benthic – Macroinvertebrate Bioassessments	No	No
	Dissolved Oxygen Saturation	No	No
	Excess Algal Growth	No	No
	Nutrient – Eutrophication Biological Indicators	No	No
	Oil and Grease	No	No
	Periphyton (Aufwuchs) Indicator Bioassessments	No	No
	Solids (Suspended-Bedload)	No	No
Yellowstone River (MT43F001_011)	Cause Unknown	No	No
	Chlorophyll-a	No	No
	Nitrate/Nitrite (Nitrite + Nitrate as N)	No	No
	Oil and Grease	No	No
	Other anthropogenic substrate alterations	No	No
	Physical substrate habitat alterations	No	No

Appendix L

Section L (Page 7) – Additional information

Individual Permit Authorization: MT0031844

(Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010)

Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County

D.2. The Clean Water Act Information Center website was reviewed for the most recent version (2016) of the Water Quality Information Summary Report for each impaired water that MDT discharges into. The tables in Appendix D provide historical data from when MDT was a Co-Permittee, listing all impaired waters to which either MDT or a Co-Permittee discharged. These tables have been altered to reflect that MDT is no longer a Co-Permittee by striking out any impaired waters to which MDT does not discharge.

Section E. Public Education and Public Participation. The 2014 SWMP was released for public input through MDTs public notice process. Unlike a city or a county, MDT does not have its own "citizens" to educate. MDT facility users are transient through the MDT system. Part of MDT's public education efforts include posts on MDT's Facebook Page. MDT uses Facebook to educate and seek input from roadway users. Additional information related to MDT's public education efforts are noted in Appendices N, O, and P.

F.1. MDT does not have ordinances or regulatory mechanisms of its own. However, to qualify for federal funding, MDT must comply with all applicable federal regulations. Additionally, FHWA has requirements at 23 CFR 650.209 specifically related to Erosion and Sediment Control during construction. MDT implements contract provisions to obligate MDT contractors to comply with applicable environmental laws. MDT has construction guidance that allows for withholding of payment, stop work orders, assessment of contract time, etc. if the contractor fails to follow said contract provisions.

F.2. MDT's contractors are sole permittees for construction discharge MPDES permits. MDT's review of the NOI package is for compliance with contract requirements, not DEQ Construction General Permit compliance. MDT has written procedures for environmental construction inspections, which includes review of storm water construction plans. Additionally, MDT has construction guidance that allows for withholding of payment, stop work orders, assessment of contract time, etc. if the contractor fails to follow said contract provisions.

MS4 AREA	ACTIVE CONSTRUCTION SITES ≥1 ACRE IN 2017	NO. INSPECTED IN 2017
MTR040001 (BILLINGS)	2	2
MTR040002 (BOZEMAN)	1	1
MTR040004 (GREAT FALLS)	0	0
MTR040005 (KALISPELL)	3	3
MTR040006 (BUTTE)	1	1
MTR040007 (MISSOULA)	2	2
MTR040009 (HELENA)	1	0
MTR040010 (YELLOWSTONE CO.)	0	0

F.3. F.4

F.5, F.6. DEES, MDT construction staff, and contractors perform construction site inspections on MDT projects. In 2016, a construction inspection process for the DEES was formalized and implemented, which included specific guidance for oversight and documentation. The guidance requires the DEES to evaluate the project type, disturbance activities, proximity to waterbodies, contractor performance, etc. to determine the appropriate

inspection frequency for the project. This recommended inspection frequency and rationale must be identified in the inspection report. Additional information related to MDT's MS4-related Construction efforts are noted in Appendices N, O, and P.

F.8. Currently, construction personnel track contract issues through SiteManager, an electronic management system. Additionally, MDT environmental staff use an Excel spreadsheet to track MS4 program items, such as construction project inspections and storm water compliance. MDT continues to evaluate methods for potential improvements.

F.10. The DEES provide storm water training at MDT Construction and Maintenance staff meetings within their respective districts. DEES attend outside training courses, as necessary, for continuing education purposes. Additionally, in February 2016 specific training on the new Erosion and Sediment Control BMP Manual was provided to MDT construction staff at MDT's Statewide Bi-annual Construction Conference. Additional information related to MDT's training efforts are noted in Appendices N, O, and P.

G.3, G.5. The number of outfalls provided in the 2017 MS4 Annual Report are carried over from the MS4 Annual Reports from previous years. MDT is currently in the process of updating and mapping MS4 outfall updates statewide. A contract was awarded in 2016 and this process will continue in 2018. This new list of outfalls, when completed, will be provided to MDEQ for assistance in creation of the new individual permit.

MS4 AREA	TOTAL OUTFALLS	NO. OF MAJOR OUTFALLS	NO. OF MINOR OUTFALLS	NO. SCREENED IN 2017
MTR040001 (BILLINGS)	17	7	10	5
MTR040002 (BOZEMAN)	22	9	13	4
MTR040004 (GREAT FALLS)	25	3	22	7
MTR040005 (KALISPELL)	19	8	11	17
MTR040006 (BUTTE)	21	0	21	4
MTR040007 (MISSOULA)	35	9	26	11
MTR040009 (HELENA)	16	3	13	7
MTR040010 (YELLOWSTONE CO.)	18	2	16	7

G.4. MDT's documentation for procedures, including frequency, for screening outfalls is specified in BMP-IDDE-02 of MDT's current SWMP. The outfall screening data was recorded on MDT's Outfall Screening form and tracked in MDT's excel tracking sheet.

G.8, G.9. The Montana Legislature did not intend for MDT to function as a regulatory body. As a result, MDT has limited authority, including the statute and rules listed below:

- 27-1-202, MCA. Right to compensatory damages;
- 27-19-104, MCA. Contents of complaint -- action for injunction by an association;
- 61-10-154, MCA. Department of transportation to adopt motor carrier safety standards -- enforcement -- designation of peace officers -- duties violations; and
- ARM 18.3.104. Reasons for Debarment.

MDT will follow a procedure of contacting the responsible party and asking them to address the illicit discharge. If this procedure does not resolve the discharge, it will be reported to the appropriate regulatory agencies of City Government and/or MDEQ in accordance with MDT policy and applicable laws.

H.1. Facility Pollution Prevention Plans (FPPPs) are in place for all MDT facilities in Small MS4s. Spill Pollution Controls and Countermeasures (SPCC) plans are in place for primary maintenance facilities that meet petroleum products storage thresholds requiring SPCC plans. Monthly FPPP inspections are performed and documented. Additionally, annual FPPP reviews are conducted and documented in a report. These annual reports are used to identify and prioritize funding opportunities for site improvements. For construction activities that disturb one acre or more at MDT facilities, MDT contractors are contractually obligated to adhere to applicable permit requirements including the Construction General Permit. MDT does not own or operate public parks, balls fields, other recreational facilities and open spaces, or waste handling and disposal areas.

H.4. All current MDT facilities within a Small MS4 have a FPPP in place. The FPPPs provide the guidelines for storm water management on the MDT facilities and their respective inspection frequencies; all MDT facilities are currently on a monthly FPPP inspection schedule. Additional Best Management Practices for maintenance activities are included in MDT's Maintenance Operations and Procedures Manual.

H.7. MDT provides its employees with training specific to storm water. MDT contractors are contractually obligated to adhere to applicable permit requirements including the General Storm Water Permit requirement for a certified SWPPP administrator. Detailed, comprehensive storm water training is required to become a certified SWPPP Administrator.

I.1. MDT does not have regulatory authority to create or enforce ordinances. However, to qualify for federal funding, MDT must comply with applicable federal regulations. At 23 CFR 650 subpart B, FHWA has requirements specifically related to erosion and sediment control on highway projects. In order to meet these federal regulations, MDT developed and implemented Permanent Erosion and Sediment Control (PESC) Design Guidelines, which includes evaluation of Low Impact Development (LID) Practices to be considered in project designs. Specific LID proposals are documented on a LID form during design. For private developments requesting access and/or encroachment onto MDT right-of-way, MDT conducts site plan reviews addressing storm water quantity. Through this review, storm water controls may be required as a condition of the approach and/or encroachment permit.

I.7, I.8. The MDT project development process from project nomination through design to actual construction is long and complex. During this process, one project may be reviewed multiple times per year over a course several years. The need for incorporation of PESC and LID measures is evaluated continuously throughout project design. Chapter 2 of the PESC Manual details the evaluation and design process. MDT implements a statewide process to analyze the appropriateness of incorporating LID Practices into project designs.

I.12. When they are determined necessary to meet LID requirements, MDT designs PESC and/or LID measures into the contract plans. MDT is able to withhold payment or shut down construction operations if a contractor fails to construct, operate, and/or maintain the measures according to the contract documents. When construction is completed, a project may stay under MDT jurisdiction. In those cases, the operation and maintenance of the storm water facilities, such as a retention basin, may fall to MDT staff only. Some projects, once complete, are returned to

local government at which point the city/county takes over responsibility and would have authorities granted under their Small MS4 program.

I.14. Currently, maintenance personnel track issues through an in-house electronic Maintenance Management System (MMS). Additionally, MDT Environmental personnel utilize an Excel tracking spreadsheet for MS4 program items. The process of gathering the required data needs improved.

J.1. MDT has extensive staff and a budget specifically devoted to environmental compliance and performance. Additionally, MDT staff are expected to participate in environmental compliance and stewardship activities in their work efforts. Current budget tracking does not allow separation of total values for MS4 compliance and implementation of SWMP. That said, some substantial improvements occurred in 2017 in support of the MS4 program and include the following:

- Installed the underground storm water chambers at the Kalispell Maintenance Facility;
- Ongoing consultant development of a formal MS4 outfall designation procedure and MS4 outfall mapping updates;
- Incorporated 2016 Best Management Practices Manual into special provisions for all projects within MS4 boundaries;
- Provided feedback for the Permanent Erosion and Sediment Control Design Guidelines Manual;

J.4. Due to staff vacancies, MDT has divided the Statewide MS4 Coordinator's duties between the Statewide Environmental Engineering Specialist and Environmental Engineering Section Supervisor. The Statewide Environmental Engineering Specialist tracks data and facilitates consistency between MDT's multiple MS4 areas. The Engineering Section Supervisor provides MS4 Program Management and Development and public outreach messages. The Environmental Services Bureau Chief provides program oversight. The FSE and DEES provide MS4 support related to construction and maintenance activities. MDT maintenance and construction staff carry out many duties in support of the MS4 program. The PDEs provide MS4 support related to the pre-construction and developer activities. MDT design and system impact staff carry-out many duties in support of the MS4 program. Below is MDT's MS4 Program org chart graphically depicting the support provided by Environmental Services Bureau staff. Appendix L

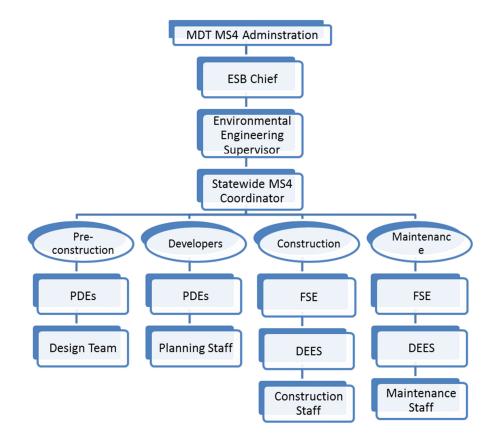
Section L (page 7) – Additional Information

Individual Permit: MT00318444 (Covers Administratively Extended Permit Authorizations: MTR040001, 40004,

40002, 40005, 40006, 40007, 40009, and 40010)

Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County



Appendix N

Section N (Page 9) – Additional information

Individual Permit Authorization: MT0031844

(Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010)

Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County

SWMP Activity or	Printed Media BMP-PEO-	Web Sites and Social Media	Public Events BMP-PEO-03
Component Name	01	Sites BMP-PEO-02	r done Events Divit -1 EO-05
Minimum Control	Public Education and	Public Education and	Public Education and
Measure Name (If	Outreach on Storm	Outreach on Storm	Outreach on Storm
Applicable)	Water Impacts	Water Impacts	Water Impacts
General Permit Condition Item Number (If Applicable)	II.B.1	II.B.1	II.B.1
Brief Description of Planned SWMP Action Taken	Make printed media available to the public.	Post storm water specific information on MDT online sources including MDT Intranet (for MDT employees), MDT internet (for roadway users), and Facebook (for roadway users).	To reach target audiences by providing or sponsoring presentations in schools and universities, conferences, retirement communities, civic clubs, libraries, businesses, and association meetings.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, Public Info Officer, DEES.	MDT, MS4 Coordinator, Environmental Engineering Section Supervisor	MDT, MS4 Coordinator, Public Info Officer, DEES.
Development of SWMP Item Completed and/or In Effect (Yes/ No)	Yes.	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	MDT will track, in a spreadsheet, the printed media types that were generated, the number of brochures, pamphlets, and other printed media distributed as well as the dates and locations where the printed media was handed out. At the end of the permit period, the MS4 Coordinator will compile the information recorded. MDT will distribute 5% more printed educational material than the prior year. A MS4 related article will post once a year in MDT's Rail, Transit & Planning Division newsletter the 'Newsline'. <i>Note: As stated in Appendix P of the 2014, '15 and '16</i> <i>Annual Reports, MDT is</i> <i>focusing less on printed</i> <i>material and more on Social</i> <i>Media interactions.</i>	This BMP will be measured by several means. First, the amount of feedback received from the Montana MS4 website, which has a link to allow comments to be emailed to MDT. The MDT MS4 Coordinator will post at least four status updates related to storm water, water quality, and other MS4 issues on the MDT social media site (Facebook) each year. This BMP will be measured by the number of subscribers to the MDT site and by the "likes" and "comments" associated with the posts. <i>Notes: As discussed in the 2014 and 2015 Annual Reports this website was discontinued in 2015 to focus on the MDT webpages. Also, in 2016, the responsibility to develop Facebook posts was transitioned from the MS4 Coordinator to the Environmental Engineering Section Supervisor.</i>	MDT's Statewide MS4 Coordinator will participate in at least one public event each year to promote the Statewide MDT MS4 Program. In addition, the DEES will attend at least one public event each year to promote the storm water management program efforts in each MS4 area. Events may include storm water conferences, Storm Water Awareness Week, Montana State Fair, local Science Fairs, Earth Day, educational booths and presentations at schools and universities. MDT will track the number of events attended by MDT personnel, the date and location of events, and if possible, the number of event participants. The information will be compiled at the end of the permit period to determine its effectiveness for educating the public. <i>Note: In 2016, the Statewide MS4</i> <i>Coordinator's continued</i> <i>participation in public outreach</i> <i>events was discontinued since it</i> <i>was essentially duplicative of the</i> <i>efforts completed by the DEES.</i>

SWMP Activity or Component Name	Guidance Manuals and Educational	Guidance Manuals and Educational Materials	Public Forums BMP- PPI-01	Clean-up and Volunteer Events BMP-PPI-02
	Materials BMP- PEO-04.1	BMP-PEO-04.2	111-01	Events Divit -111-02
Minimum Control Measure Name (If Applicable)	Public Education and Outreach on Storm Water Impacts	Public Education and Outreach on Storm Water Impacts	Public Involvement/ Participation	Public Involvement/ Participation
General Permit Condition Item Number (If Applicable)	II.B.1	II.B.1	II.B.2	II.B.2
Brief Description of Planned SWMP Action Taken	Make a variety of guidance manuals and educational materials accessible through the MDT website.	Work with the MDT Librarian to create a collection of stormwater materials available for education and training.	Provide the public the opportunity to comment on storm water concerns through project public meetings, public notices, NEPA/MEPA process, and corridor study process.	Adopt-A-Highway is statewide program administered by MDT where volunteers sign a contract to provide clean up services for a section of highway.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator.	MDT, MS4 Coordinator, DEES, public information personnel.	MDT, Adopt-A-Highway program manager, MS4 Coordinator.
Development of SWMP Item Completed and/or In Effect (Yes/No)	Yes.	Yes.	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	A link will be added to MDT Stormwater pages to take the user to MDT's guidance and educational manuals. The first measurable goal will be to perform an annual review by the MS4 Coordinator of the internal and external MDT websites to verify that the links to the reference materials are accurate and up to date.	The second measurable goal will be completed by the MS4 Coordinator. This measurable goal is to work with the MDT librarian once per year to review MDT's educational materials related to storm water. This review will consist of verifying that the materials available at the MDT library are accurate, adequate, and up to date. New materials will then be acquired as needed and allowed by budgetary constraints.	Compliance with NEPA and MEPA (including required public involvement) is confirmed through audits. The results of these audits will be used to track this BMP throughout the permit period.	MDT will continue to offer the Adopt-A- Highway (AAH) program. MDT's current goal for this BMP is to work with the Adopt-A- Highway program manager to assist in creating the ability for statewide consistent compliance tracking by the end of the 2015 permit cycle. The compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.

SWMP Activity	Feedback	Storm Water System Mapping BMP-IDDE-01
or Component	BMP-PPI-03	Storm water System Mapping Divir 1002 01
Name		
Minimum	Public Involvement/	Illicit Discharge Detection and Elimination (IDDE)
Control Measure	Participation	
Name (If	1 articipation	
Applicable)		
General Permit	II.B.2	II.B.3
Condition Item		
Number (If		
Applicable)		
Brief Description	The public can provide feedback using	A statewide effort to map MDT's storm water system.
of Planned	several different methods. MDT will address	
SWMP Action	this feedback and incorporate the feedback	
Taken	where appropriate.	
Responsible	MDT, MS4 Coordinator, other MDT Staff as	MDT, MS4 Coordinator, DEES.
Agency,	applicable.	MD1, MOT COOldinator, DEE0.
Department, or	appricable.	
Organization;		
and Person or		
Position		
Development of	Yes.	Yes.
SWMP Item		
Completed		
and/or In Effect		
(Yes/No)		
Measurable Goal	On MDT's social media sites, the MS4	The DEES will continue to provide on-the-ground
or Performance	Coordinator will make at least four	mapping data and the Statewide MS4 Coordinator will
Standard Utilized	announcements per year. MDT will continue	continue to update each Small MS4 storm water system
	to solicit feedback through work group	map on an annual basis and will make the updated maps
	discussions, website comments, phone calls,	available in electronic format upon request. These Small
	written e-mails or letters, training	MS4 maps will be available online in 2014. MDT will
	evaluations, surveys, public comment	solicit information from cities and counties to ensure
	periods, and personal interactions. The MS4	that the information is as accurate as possible. MDT will
	Coordinator will use a spreadsheet to keep	also share new project information with co-permittees
	track of the amount, and type of feedback	upon request. Updates include areas of new
	received. The MS4 Coordinator will evaluate	development or infrastructure improvements, as well as
	the BMPs progress based on the amount and	those areas where new information becomes available
	type of feedback received via available	during maintenance activities. In addition, MDT will
	sources. The MS4 Coordinator will use the	revise the Small MS4 boundaries based on city limit
	feedback received to create updates and	changes and census information on a yearly basis if
	revisions to the storm water program on an as	these two items have changed. This BMP's success will
	needed basis to increase the amount of	be based on the Small MS4 maps being updated with
	feedback and public interaction received.	new information, and 25% of inlets being mapped in
		2014. Over the permit cycle starting in 2015 MDT will
	<i>Note:</i> In 2016, the responsibility to develop	collect and map our inlets, open channels, and
	Facebook posts was transitioned from the	subsurface conduits/pipes, dry wells, and other similar
	MS4 Coordinator to the Environmental	storm water conveyances.
	Engineering Section Supervisor.	
	1	

SWMP Activity	Dry Weather Screening	Storm Water Ordinances
or Component	BMP-IDDE-02	BMP-IDDE-03
Name	BMP-IDDE-02	BMIP-IDDE-05
Minimum Control Measure Name (If Applicable)	IDDE	IDDE
General Permit Condition Item Number (If Applicable)	II.B.3	II.B.3
Brief Description of Planned SWMP Action Taken	Monitoring of outfalls within the MDT jurisdiction by use of both dry weather screening and visual observation.	MDT will follow local ordinances, statutes, and regulations within the Small MS4s. MDT will notify the proper enforcement authority available in the select Small MS4 that has an existing storm water ordinance in place.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, FSE, Maintenance Staff.	MDT, MS4 Coordinator, DEES, construction inspectors.
Development of SWMP Item Completed and/or In Effect (Yes/No)	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	The DEES is responsible for performing the dry weather screening at each outfall once per permit cycle. The information they gather will be used to update both the dry weather screening form along with the tracking spreadsheet in 2015. The IDDE Program protocols will be made available on the MDT website. The number of illicit or illegal discharges reported to the MS4 Coordinator will be analyzed and compared to previous years. MDT will also track the date, the outfall location, the response action, and the outcome of the implementation of such actions. Success of this BMP will be to eliminate 100% of illicit or illegal discharges from MDT operations.	Because MDT does not have legal authority to establish ordinances, it will rely on other governmental bodies to add ordinances and regulation to the existing standards that help eliminate illicit or illegal discharges into state water bodies. For applications within the Small MS4, MDT will continue to list in right of way approach and encroachment permits that applicants are expected to follow local ordinances, which include the city MS4 ordinances. As part of this measurable goal, MDT will follow applicable ordinances, and report non- compliance to the appropriate authorities. MDT will evaluate the local agreements with co-permittees at the end of this permit cycle. In addition, MDT will continue to follow the <i>Escalation Plan</i> spelled out in Management memo 03-01 that is available in electronic format on the MDT websites.

SWMD A officient on	Dublic Education on IDDE	Teoining
SWMP Activity or	Public Education on IDDE	Training
Component Name	BMP-IDDE-04	BMP-IDDE-05
Minimum Control	IDDE	IDDE
Measure Name (If		
Applicable)		
General Permit	II.B.3	II.B.3
Condition Item	Ind.	
Number (If		
Applicable)		
Brief Description of	MDT currently provides information on	Provide district personnel with IDDE training
Planned SWMP	possible illicit and illegal discharges in our	specific to their job duties.
Action Taken		specific to men job duties.
Theorem Tunion	printed education material. MDT will continue	
	to provide this information.	
Responsible Agency,	MDT, MS4 Coordinator, other MDT staff.	MDT, MS4 Coordinator, DEES.
Department, or		
Organization; and		
Person or Position		
Development of	Yes.	Yes.
SWMP Item		
Completed and/or In		
Effect (Yes/No)		
Measurable Goal or	MDT will track, when possible, the number of	This training will be part of the IDDE Training
Performance	calls, emails, or postings on MDT's social	Program and will be performed annually for key
Standard Utilized	media sites. Information provided during the	personnel. MDT will track the date, location and
	reporting will be entered into a tracking	employees trained each year as part of the IDDE
	spreadsheet. The action taken by MDT resolve	Training Program at each Small MS4. Success will
	the problem will also be included in the	be determined by ensuring up to date training
	spreadsheet. When available MDT will record	material and employees requesting the training
	how the information was acquired. MDT will	receive the training.
	use this information to evaluate the highest	
	used method of reporting. Reporting methods	
	not being used will be evaluated to determine	
	if changes can be made to improve its	
	effectiveness. The number of reports will	
	determine if having a public reporting system	
	is effective. The results will be presented in	
	each Annual Report. As stated in BMP	
	3.3.1.2, the MS4 Coordinator will be posting	
	status updates on MDT's social media	
	(Facebook) page. One of these posts will be	
	related to IDDE.	
	<i>Note:</i> In 2016, the responsibility to develop	
	Facebook posts was transitioned from the	
	MS4 Coordinator to the Environmental	
	Engineering Section Supervisor.	
	L	1

SWMP Activity or	Construction SWPPP	MDT Environmental and Construction Oversight
Component Name	BMP-CSRC-01	BMP-CSRC-02
Minimum Control	Construction Site	Construction Site
Measure Name (If	Runoff Control	Runoff Control
Applicable)		
General Permit	II.B.4	II.B.4
Condition Item		
Number (If		
Applicable)		
Brief Description of	At construction sites that are	To provide environmental and construction oversight on
Planned SWMP Action Taken	required to obtain an MPDES	MDT projects. To ensure compliance with federal, tribal,
Action Taken	General Permit for Storm Water	state, and local laws.
	Discharges associated with	
	Construction Activity, the	
	contractors must prepare a SWPPP.	
Responsible Agency,	MDT, PDE.	MDT, DEES, project personnel.
Department, or		
Organization; and		
Person or Position	*7	
Development of	Yes.	Yes.
SWMP Item Completed and/or In		
Effect (Yes/No)		
Measurable Goal or	MDT continues to place the special	This BMP will be measured by the number of inspections
Performance	provision in project contracts that	conducted during the permit period. In addition, deficiencies
Standard Utilized	require contractors on construction	will be tracked by project, as well as the actions taken to
	sites larger than or equal to one acre	remedy the issues. The deficiencies and actions will be used
	of disturbance and have potential to	as training tools to improve inspection procedures and to train
	discharge into state waterways to	DEES and inspection personnel for future MDT projects.
	adhere to the MPDES General	
		MDT will track the size of project and compliance record of
	Permit for Storm Water Discharges	the contractors and subcontractors to evaluate if the
	associated with Construction	environmental plans and specifications are meeting the
	Activity. The measurable goal for	requirements of the Construction General Permit and
	the BMP is that project contracts	protecting the state's water quality. MDT staff will inspect
	have the MPDES Special Provision.	100% of projects within the Small MS4. The DEES attend,
		send a designee, or communicate directly with the project
		manager prior to100% of the Pre-Construction conferences
		for construction projects within the Small MS4s.

SWMP Activity or Component Name	MDT Information Analysis	MDT Training BMP-CSRC-04	Internal Project Administration BMP-CSRC-05
Minimum Control Measure Name (If Applicable)	BMP-CRSC-03 Construction Site Runoff Control	Construction Site Runoff Control	Construction Site Runoff Control
General Permit Condition Item Number (If Applicable)	II.B.4	П.В.4	П.В.4
Brief Description of Planned SWMP Action Taken	Evaluate information gathered to improve awareness, and enhance current programs.	Provide trained staff responsible for the implementation, maintenance, and inspection of the storm water program. MDT personnel will be trained in the selection, implementation, inspection and maintenance of storm water BMPs.	MDT will use contractual agreements to ensure that projects are constructed in a manner that complies with the Clean Water Act.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator, PDEs.
Development of SWMP Item Completed and/or In Effect (Yes/No)	Yes.	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	The MS4 Coordinator will attend five workgroup meetings per year. These meetings may be with co-permittees, other water quality groups, or MDT staff to discuss beneficial ways to improve storm water quality. The DEES will attend at least one MDT maintenance section meeting per year for each Small MS4.	The MS4 Coordinator will maintain a log with the dates of MDT training sessions, including the online SWPPP administrator certification. Names of attendees, their departments and their responsibilities will be included on the logs. Feedback provided during the training sessions will also be tracked to improve procedures and guidelines. Data for this log will be provided to the MS4 Coordinator through the DEES at each Small MS4. The DEES will present during at least one EPM meeting per year. The presentation will be a discussion of current storm water issues and will provide an opportunity for storm water questions related to design and construction activities.	MDT will include the MS4 special provision in 100% of contracts taking place in a Small MS4. In 100% of the contracts in a Small MS4, MDT will include standard and/or special provisions requiring appropriate storm water pollution prevention and acquisition of necessary permits prior to the commencement of construction activities. The MS4 Coordinator will track projects let to contract each year in Small MS4s, and will ensure appropriate standard and special provisions are included in each of the contract documents.

SWMP Activity or	Plan Reviews	Construction and Post-Construction Site	Operation and Maintenance of
Component Name	BMP-PCRC-01	Inspections BMP-PCRC-02	BMPs BMP-PCRC-03
Minimum Control Measure Name (If Applicable)	Post-Construction Runoff in New Development and Redevelopment	Post-Construction Runoff in New Development and Redevelopment	Post-Construction Runoff in New Development and Redevelopment
General Permit Condition Item Number (If Applicable)	II.B.5	II.B.5	II.B.5
Brief Description of Planned SWMP Action Taken	MDT reviewers will verify that applicable federal, tribal, state and local laws and regulations are followed as required by the Small MS4 Program.	MDT construction personnel inspect the features as they are being constructed to ensure that they are constructed according to the contract documents including the plans and specifications.	Evaluate MDT Operation and Maintenance Program to ensure being conducted in an effective manner.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, PDEs.	MDT, DEES, Maintenance and construction personnel.	MDT, DEES, Maintenance personnel.
Development of SWMP Item Completed and/or In Effect (Yes/No)	Yes.	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	The measurable goal for this BMP will be for PDEs to review 100% of the plans within the Small MS4s. When applicable the PDEs will recommend to the design team incorporation of PESC/LID structures.	MDT construction personnel will inspect structural (permanent) BMPs on 100% of projects in a Small MS4. Before MDT assumes responsibility for a storm water permit from the Contractor, MDT personnel including the DEES, maintenance personnel, and construction personnel, complete a final project closeout inspection to ensure project BMPs (temporary and permanent) are correctly installed and functioning properly. After the project closeout is complete, the BMP maintenance becomes MDT's responsibility. MDT maintenance personnel perform maintenance on the temporary and permanent BMPs as needed. Items that could be improved during the construction phase will be passed on to construction for consideration in future projects.	Records of the current MDT Operation and Maintenance Program will be reviewed and evaluated to ensure that the O&M of BMPs is being conducted in an effective manner. The evaluation of the Program will be tailored to each MS4 area. Facilities managed by other entities (i.e., county or city) will be their sole responsibility.

SWMP Activity or	Reviewers and Inspectors Training	Low Impact Development Approach
Component Name	BMP-PCRC-04	BMP-PCRC-05
Minimum Control	Post-Construction Runoff in New	Post-Construction Runoff in New Development and
Measure Name (If	Development and Redevelopment	Redevelopment
Applicable)		
General Permit	II.B.5	II.B.5
Condition Item		
Number (If		
Applicable)		
Brief Description of	MDT will provide training and guidance	MDT will attempt to incorporate LID techniques where
Planned SWMP	material to its employees on environmental	practicable in MDT projects and at its facilities within the
Action Taken	compliance and storm water BMPs.	MS4 areas when upgrades to the facilities are implemented
D 11		and new or redevelopment takes place.
Responsible	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator, PDEs.
Agency,		
Department, or		
Organization; and		
Person or Position	X7	¥7
Development of SWMP Item	Yes.	Yes.
Completed and/or		
In Effect (Yes/No)		
Measurable Goal or	MDT will continue to provide training to its	For road construction projects in MS4 areas, MDT
Performance	employees on environmental compliance and	will evaluate 100% of designs for the potential of
Standard Utilized	storm water BMPs. Continued educational	
		incorporating LID techniques. When the
	programs and specialized training will	requirements are triggered, i.e., a new development
	continue to be made available for individuals	or redevelopment project with disturbance greater
	involved in the plan review process and for	than or equal to one acre, LID opportunities will be
	inspection personnel. The MDT-provided	explored. PDEs will be the lead on this effort and
	training and education programs attended by	will provide data to the MS4 Coordinator for
	MDT personnel will be tracked as part of this	tracking.
	BMP.	C
		For "state actions" at MDT facilities within Small
	Pertinent staff members will attend at least one	MS4 areas, MDT will evaluate 100% of designs for
	relevant training session per permit period to	appropriateness of incorporating LID techniques.
	develop and expand their skills pertaining to	Each proposed project will be reviewed for
	storm water pollution prevention techniques.	triggering the requirements for incorporating LID, as
	This training will be available as an online	practicable. When the requirements are triggered,
	self-review of the PESC Design Guidelines	i.e., a new development or redevelopment project
	manual. MDT conducts periodic training on	with disturbance greater than or equal to one acre,
	and updates of the PESC Manual as necessary.	LID opportunities will be explored. PDEs will be the
		lead on this effort and will provide data to the MS4
		Coordinator for tracking.
		č
		For encroachment and approach permit applications
		within Small MS4 areas, MDT will evaluate 100% of
		applications for appropriateness of incorporating LID
		techniques. Appropriate MS4-related information
		will be included in the permit issuance
		correspondence. PDEs will be the lead on this effort
		and will provide data to the MS4 Coordinator for
		tracking.

SWMP Activity or	Ordinances and Storm Water Design Criteria	Vegetation Management Program
Component Name	BMP-PCRC-06	BMP-PCRC-07
Minimum Control	Post-Construction Runoff in New	Post-Construction Runoff in New Development and
Measure Name (If	Development and Redevelopment	Redevelopment
Applicable)		
General Permit	II.B.5	II.B.5
Condition Item		
Number (If		
Applicable)		
Brief Description of	MDT does not have the authority to write	Evaluate projects within Small MS4s that have open
Planned SWMP	ordinances or requirements for storm water	SWPPP permits for use of federal funds to conduct
Action Taken	design criteria on non-MDT proposed	further revegetation that promotes closure of the
	projects. MDT can and does enforce MDT	SWPPP plans.
	standards on MDT projects. MDT follows	L
	applicable federal, tribal, state and local laws	
	and regulations within the Small MS4s.	
Responsible Agency,	MDT, MS4 Coordinator, PDEs, DEES.	MDT, DEES, Botanist.
Department, or	MD1, M34 Coordinator, 1 DES, DEES.	MD1, DEE5, Botallist.
Organization; and		
Person or Position		
Development of	Yes.	Yes.
SWMP Item		
Completed and/or In		
Effect (Yes/No)		
Measurable Goal or	MDT will continue to follow federal, tribal,	This BMP will be measured by comparing projects
Performance	state and local laws and regulation and	within the Small MS4s with open SWPPP permits
Standard Utilized	design standards. MDT will maintain and	held by MDT. A determination will be made if
	follow its design criteria for PESC and LID	improvement to the control of storm water run-off,
	measures or seek formalized design	and infiltration can be improved with further re-
	exceptions for 100% of our projects within	vegetation. The open permit projects and the projects
	Small MS4s.	that are closed will be tracked as well as the projects
	Sinan mots.	
		where funding was allocated within the Small MS4s.

SWMP Activity or	Training
Component Name	Training
-	BMP-PPGH-01.1
Minimum Control	Pollution Prevention / Good Housekeeping
Measure Name (If	
Applicable)	
General Permit	II.B.6
Condition Item	
Number (If	
Applicable)	
Brief Description of	Educate staff regarding storm water characteristics, water quality issues, and individual
Planned SWMP	responsibilities regarding the implementation of the Statewide SWMP, the Storm Water Pollution
Action Taken	Prevention Plans (SWPPP), and the Spill Prevention, Control, and Countermeasure (SPCC) Plans.
Responsible Agency,	MDT, MS4 Coordinator, DEES, other Environmental Staff.
Department, or	
Organization; and	
Person or Position	
Development of	Yes.
SWMP Item	Tes.
Completed and/or In	
Effect (Yes/No)	
Measurable Goal or	
Performance	a) This BMP will be measured by ensuring that 100% of the DEES and MDT Maintenance staff
Standard Utilized	performing SWPPP inspections in Small MS4s are in compliance with the CGP and will have
Standard Othized	Certified SWPPP Administrator training/certification. Records will be kept of personnel who have
	taken the SWPPP Administrator training and passed the test to become a MDT Certified SWPPP
	Administrator.
	b) This BMP will be measured by ensuring that 100% of the Maintenance staff performing site-
	specific facility SWPPP (FPPP) inspections in Small MS4s has site specific FPPP training. Records
	will be kept of personnel who have received training on the site-specific FPPP Administrator and
	inspection procedures.
	1 1
	c) The DEES will provide a presentation regarding storm water issues during at least one EPM
	meeting per year. The presentation will be a discussion of current storm water issues and an
	opportunity for questions regarding storm water issues related to design and construction activities.
	d) The DEES will provide a presentation during at least one MDT maintenance section man meeting
	per year. The presentation will include a discussion of current storm water control issues and an
	opportunity for questions regarding storm water control related to maintenance activities and
	facilities.

SWMP Activity or	Tanining
Component Name	Training
•	BMP-PPGH-01.2
Minimum Control	Pollution Prevention / Good Housekeeping
Measure Name (If	
Applicable)	
General Permit	II.B.6
Condition Item	
Number (If	
Applicable)	
Brief Description of	Educate staff regarding storm water characteristics, water quality issues, and individual
Planned SWMP	responsibilities regarding the implementation of the Statewide SWMP, the Storm Water Pollution
Action Taken	Prevention Plans (SWPPP), and the Spill Prevention, Control, and Countermeasure (SPCC) Plans.
Responsible Agency,	MDT, MS4 Coordinator, DEES, other Environmental Staff.
Department, or	
Organization; and	
Person or Position	
Development of	Yes.
SWMP Item	103.
Completed and/or In	
Effect (Yes/No)	
Measurable Goal or	a) ESB personnel, generally the Engineering Section Supervisor or the Field Services Engineer, will
Performance	attend at least one quarterly DCE meeting per year and provide information related to MDT's overall
Standard Utilized	
Standard Chilled	storm water management program, including MS4 issues.
	b) ESB personnel, generally the Engineering Section Supervisor or the Field Services Engineer, will
	attend at least one quarterly Maintenance Chiefs meeting per year and provide information related to MDT's overall storm water management program, including MS4 issues.
	c) As shown in Table 2-1, found in chapter 2, several MDT facilities in MS4 areas fall under the Spill
	Prevention, Control, and Countermeasure (SPCC) Rule and have SPCC Plans. SPCC training, which
	includes information related to the MS4 Program, will be offered annually or according to SPCC
	requirements.
	d) As shown in Table 2-1 found in chapter 2, MDT is working to develop site-specific Storm Water
	Pollution Prevention Plans (SWPPP) for MDT facilities within MS4 areas that currently do not have
	SWPPPs. Training is offered on each site specific SWPPP upon completion of the plan. Additional
	training will be offered when the plan is amended or on an as needed basis, as necessary. Dates,
	name, and responsibility of staff members, as well as topics discussed, will be tracked on a
	spreadsheet as part of this measurable goal.
	oproudshoet us part of and filoubaraolo goul.
L	<u> </u>

SWMP Activity or Component Name	Periodic SWPPP and SPCC Plan Inspections BMP-PPGH-02	Road and Parking Sweeping BMP-PPGH-03	Road and Parking Area Maintenance BMP-PPGH-04
Minimum Control Measure Name (If Applicable)	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
General Permit Condition Item Number (If Applicable)	II.B.6	II.B.6	II.B.6
Brief Description of Planned SWMP Action Taken	MDT will perform site inspections for MDT facilities within the Small MS4s with FPPP and SPCC plans on the time basis documented in the SWMP.	Implement a Street Sweeping Program that encompasses the streets and roadways, the maintenance yards and parking areas within its facilities. The street sweeping frequency depends on need and travel volumes. Sweepers also respond to certain types of spills that require clean-up work.	MDT will follow its Roadway / Roadside Maintenance Program to maintain roadways / roadsides for safety, to protect the environment, and to maintain a pleasing aesthetics in a functional manner.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, Maintenance staff.	MDT, Maintenance Staff.	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Development of SWMP Item Completed and/or In Effect (Yes/No)	Yes.	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	The DEES and MS4 Coordinator will analyze the SWPPP inspection forms on a yearly basis to evaluate opportunities to improve and deal with identified deficiencies. In some cases, funds will have to be secured to improve the current infrastructure and might require several years before the BMP can be fully implemented.	MDT's goal for the street sweeping program is to sweep 100% of the facilities and MDT maintained roads that are within our permitted Small MS4s a minimum of one time per year.	MDT will evaluate current practices used during maintenance and operational activities to determine if modifications to these practices are warranted to minimize storm water pollutants reaching water ways. The evaluation of BMPs and procedures as well as suggestions will be documented to determine the best course of action to implement improvements as the measurable goal for this BMP. Cost, ease of implementation, and risk and benefit analysis will be taken into account to make recommendations to MDT management.

SWMP Activity or Component Name Minimum Control	Winter Maintenance Program BMP-PPGH-05 Pollution Prevention / Good	Recycling Activities BMP-PPGH-06 Pollution Prevention / Good	Vehicle Washing BMP-PPGH-07 Pollution Prevention / Good
Measure Name (If Applicable)	Housekeeping	Housekeeping	Housekeeping
General Permit Condition Item Number (If Applicable)	II.B.6	II.B.6	II.B.6
Brief Description of Planned SWMP Action Taken	MDT will evaluate the Winter Maintenance Program for feasible ways to transition to more environmental friendly methods.	MDT has several recycling programs in place at the maintenance facilities within the Small MS4s. These programs will continue to be offered.	To evaluate the vehicle wash areas and procedures to minimize discharge of pollutants into surface water.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, and Maintenance Chiefs.	MDT, MS4 Coordinator, DEES, Maintenance staff.	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Development of SWMP Item Completed and/or In Effect (Yes/No)	Yes.	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	MDT will evaluate the current procedures described in the Winter Maintenance Program and if necessary revise the existing manuals to reduce the potential of pollutants being discharged into the environment and consequently into waterways. The evaluation will be performed during the permit period, and revisions to the manuals will be posted on the MDT intranet.	MDT will continue to recycle and burn the used oil to heat select MDT facilities. MDT will also continue to recycle scrap and unused metal through the recycling companies throughout the permit period. MDT has created SWPPs that provide guidelines to help make the storage of the recycled materials storm water runoff safe. MDT will be inspecting the facilities on a monthly basis to ensure the recycled materials are being stored in a manner that protects storm water runoff.	MDT will evaluate each maintenance facility for short term improvements (e.g., sweeping area at the end of the shift) and long term improvement (i.e. a new wash bay). The short term improvements will be implemented as soon as possible, while the long term improvements will require additional planning and funding. In 2013 MDT completed one long term goal of constructing an updated wash bay at the Missoula MDT maintenance facility capable of appropriately disposing of wash water. Others completed include: Butte in 2015, Bozeman in 2016, Great Falls in 2017. A new wash bay for the MDT Maintenance facility in Billings, and Bozeman. MDT currently plans to construct a new wash bay in Billings in State fiscal year 2018 or 2019. Additional short term and long term improvements may be implemented and will be tracked for each facility as a measure of this goal during the permit period.

SWMP Activity or	Hazardous Waste Handling	Material Management
Component Name	BMP-PPGH-08	BMP-PPGH-09
Minimum Control Measure Name (If Applicable)	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
General Permit Condition Item Number (If Applicable)	II.B.6	II.B.6
Brief Description of Planned SWMP Action Taken	Limit the amount and type of hazardous materials on MDT sites, how and where they are stored, and who has access to them.	MDT will continue to stockpile and store materials, such as oils and deicing materials, in a manner to reduce the likelihood of accidental spills or release hazardous materials into the storm water system.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, Maintenance Staff.	MDT, MS4 Coordinator, DEES, Hazmat section, and Maintenance Staff.
Development of SWMP Item Completed and/or In Effect (Yes/No)	Yes.	Yes.
Measurable Goal or Performance Standard Utilized	MDT will continue to ensure that its staff is following the proper procedures when handling and storing hazardous materials, and are well informed of the type and potential dangers associated with each chemical. Material Safety Data Sheets (MSDSs) are available at each facility within the MS4 areas and staff complies with the requirements of the SPCC Plans including monthly site inspections. MDT will evaluate the plans as revised by federal and state regulations. Staff will complete monthly inspection forms. The MS4 Coordinator working with the Hazmat Supervisor, DEES, and FSE will determine if items in the inspection process need to be amended based on data provided in inspection forms. The measurable goal for this BMP will be to maintain MDT's status of conditionally exempt.	MDT will review existing storage procedures to ensure that they are current and effective. Revisions will be posted and employees will be made aware of the changes. This BMP will be measured by the number of spills that are reported within a permit period as required by the SWPPP and SPCC Plans. The main goal is to eliminate spills and have zero reported spills during the permit period. If a spill is reported within a permit period, corrective actions will be taken to remedy the spill and preventive measures will be put into place to prevent the spills from reoccurring.

SWMP Activity or	Storm Drain System Cleaning and	Develop SWPPPs and Updates to SWPPPs
Component Name	Maintenance	BMP-PPGH-11
	BMP-PPGH-010	
Minimum Control	Pollution Prevention / Good	Pollution Prevention / Good Housekeeping
Measure Name (If	Housekeeping	
Applicable)	1100000000pmg	
General Permit	II.B.6	II.B.6
Condition Item		
Number (If		
Applicable)		
Brief Description of	Conduct routine system inspections,	MDT has developed SWPPPs for MDT facilities within
Planned SWMP	cleaning, and maintenance of MDT	the Small MS4s. MDT will update FPPPS as needed.
Action Taken	maintenance facilities, yards, and storm	<u>r</u>
	water infrastructure within the MDT	
	right of way.	
Responsible Agency,	MDT, MS4 Coordinator, DEES,	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Department, or	Maintenance staff.	MD1, MS4 Coordinator, DEES, Maintenance Starr.
Organization; and	Maintenance staff.	
Person or Position		
Development of	Yes.	Yes.
SWMP Item	103.	103.
Completed and/or In		
Effect (Yes/No)		
Measurable Goal or	MDT will continue the current	MDT will continue to evaluate and update the SWPPPs
Performance	maintenance program and track the	as conditions change regarding design, construction,
Standard Utilized	number of inspections, cleanings, and	operation, or maintenance at the different facilities. The
	repairs conducted at each maintenance	changes will be recorded in the Amendment Record Log
	1	included in each SWPPP. In addition, MDT will continue
	facility as well as continue maintenance	
	conducted on MDT's right of way	to train its staff to better understand the implications of
	within the MS4 areas. MDT tracks hours	contaminating storm water and procedures to reduce the
	and supplies in the Management System	potential of contamination. MDT staff will complete the
	for each MS4 area. MDT will clean and	monthly SWPPP inspection forms at the currently
	provide maintenance to storm water	existing SWPPP locations. SWPPP inspections will be
	structures as necessary. The need is	reviewed and analyzed by the MS4 Coordinator annually
	determined from the inspections taking	for the annual report. The forms, addendums, and training
	place as a regular part of the	will be the measurable goal for this BMP.
	maintenance department employees' job	0 ···· ··· ··· ··· ··· ··· ··· ··· ···
	duties. Other forms of notification can	
	be from the public, city or county	
	employees.	

Appendix O

Section O (page 10) – Additional Information

Individual Permit Authorization: MT0031844

(Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010)

Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County Appendix O – Summary of Activities and Descriptions of SWMP Effectiveness During Past Year Section O (page 10) – Additional Information

Individual Permit: MT 00318444 (Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010)

Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County

For MDT MS4 purposes, MDT's Billings District Environmental Engineering Specialist (DEES) functions are the same for both Billings and Yellowstone County. Many of the activities MDT completes do not provide a distinction between Billings and Yellowstone County. Some activities may be identical between these two MS4s or listed as Billings/Yellowstone County MS4.

SWMP Activity or	Printed Media BMP-PEO-01
Component Name Minimum Control	
Minimum Control Measure Name (If	Public Education and
Applicable)	Outreach on Storm
	Water Impacts
General Permit	II.B.1
Condition Item	
Number (If	
Applicable) Brief Description of	Mala malated and the constitute to the malatic
Planned SWMP	Make printed media available to the public.
Action Taken	
Responsible Agency,	MDT, MS4 Coordinator, Public Info Officer, DEES.
Department, or	MD1, MS4 Coolumator, Fuolic Into Officer, DEES.
Organization; and	
Person or Position	
Measurable Goal or	MDT will track, in a spreadsheet, the printed media types that were generated, the number of brochures,
Performance	pamphlets, and other printed media distributed as well as the dates and locations where the printed media
Standard Utilized	was handed out. At the end of the permit period, the MS4 Coordinator will compile the information
	recorded. MDT will distribute 5% more printed educational material than the prior year. A MS4 related
	article will post once a year in MDT's Rail, Transit & Planning Division newsletter the 'Newsline'.
Quantitative	As stated in Appendix P of the 2014, 2015 and 2016 Annual Reports, MDT is focusing less on printed
Indicators Used and	materials and more on Social Media interactions. Additionally, MDT has eliminated the annual MS4
Results	'Newsline' articles.
	Due to the pending permit renewal and the shift to focusing on social media, no new brochures or
	pamphlets were created or printed in 2017. Printed materials are available at the entrances to MDT
	Headquarters, the MDT Planning Building, and MDT District Main Offices as well as from MDT ESB
	staff. These materials are entitled IDDE, Prevent Storm Water Pollution, and Urban Storm Water
	Program. Copies of these materials were provided for Public Relations Meetings throughout the state of
	Montana. Since MDT attended different events when compared to 2016, we are unable to determine an
	accurate increase in distribution numbers. MDT hosted a booth or participated at the following events:
	- Montana State Fair (Billings and Yellowstone County): 8/11/17-8/13/17; unknown number of
	brochures/handouts distributed
	- Elder Grove Middle School Presentation (Billings and Yellowstone County): 4/19/17; no
	brochures/handouts distributed
	- Butte High School Career Day (Butte): 2/15/17, unknown number of brochures/handouts
	distributed
	- Bozeman Public Library outreach: 11/30/17, 50 brochures and 50 handouts distributed
	- Peterson Elementary School (Kalispell): 5/3/17, 72 brochures and 72 handouts distributed
	- Montana State Fair (Cascade County): 8/11/17-8/13/17; 40 brochures/handouts distributed
Impact on SWMP	Provide positive public education with a unified statewide message.
Effectiveness	
-	·

SWMP Activity or	Web Sites and Social Media Sites BMP-PEO-02
Component Name	
Minimum Control	Public Education and
Measure Name (If	Outreach on Storm
Applicable)	Water Impacts
General Permit	II.B.1
Condition Item	
Number (If	
Applicable)	
Brief Description of	Post storm water specific information on MDT online sources including MDT Intranet (for MDT
Planned SWMP	employees), MDT internet (for roadway users), and Facebook (for roadway users).
Action Taken	
Responsible Agency ,	MDT, MS4 Coordinator, Environmental Engineering Section Supervisor.
Department, or	
Organization; and	
Person or Position	
Measurable Goal or	This BMP will be measured by several means. First, the amount of feedback received from the
Performance	Montana MS4 website, which has a link to allow comments to be emailed to MDT. The MDT MS4
Standard Utilized	Coordinator will post at least four status updates related to storm water, water quality, and other MS4
	issues on the MDT social media site (Facebook) each year. This BMP will be measured by the
	number of subscribers to the MDT site and by the "likes" and "comments" associated with the posts.
	This BMP will also be measured by the development of the MDT internal MS4 website during the
	vear 2014.
Orrentitetine	
Quantitative Indicators Used and	MDT discontinued the MontanaMS4 website and utilizes MDT's MS4-specifc intranet site. This site
Results	is a "one-stop" source of information on the MS4 program for MDT employees and includes links to
Results	FPPPs, Annual Reports, educational and guidance material, MS4 maps, links to library material, and
	other websites that provide resources for MDT's Storm Water program.
	Efforts in 2017 included updates to MDT's Storm Water and MS4 websites, including monthly FPPP
	report uploads, an annual FPPP report upload, link maintenance, and changes to MDT staff contacts.
	In 2017, MDT posted 9 MS4-related posts on MDT's Facebook page. These posts received 85
	"likes" up from 84 "likes" previous year which is a 1% increase, 19 shares, and 6 comments. The
	MDT Facebook page currently has 15,165 followers up from 11,095 followers in the previous year,
	which is an 37% increase in followers.
Impact on SWMP Effectiveness	Allows sharing of a unified statewide message on storm water with a diverse and widespread
Effectiveness	audience.

SWMP Activity or Component Name	Public Events BMP-PEO-03
Minimum Control	Public Education and
Measure Name (If	Outreach on Storm
Applicable)	
	Water Impacts
General Permit	II.B.1
Condition Item Number (If	
Applicable)	
Brief Description of	To reach target audiences by providing or sponsoring presentations in schools and universities,
Planned SWMP	conferences, retirement communities, civic clubs, libraries, businesses, and association meetings.
Action Taken	conferences, retirement communities, civic clubs, noraries, businesses, and association meetings.
Responsible Agency,	MDT, MS4 Coordinator, Public Info Officer, DEES, Environmental Engineering Section Supervisor.
Department, or	
Organization; and	
Person or Position	
Measurable Goal or	MDT's Statewide MS4 Coordinator will participate in at least one public event each year to promote
Performance	the Statewide MDT MS4 Program. In addition, the DEES will attend at least one public event each
Standard Utilized	year to promote the storm water management program efforts in each MS4 area. Events may include
	storm water conferences, Storm Water Awareness Week, Montana State Fair, local Science Fairs,
	Earth Day, educational booths and presentations at schools and universities. MDT will track the
	number of events attended by MDT personnel, the date and location of events, and if possible, the
	number of events attended by the representer, the date and recation of events, and it possible, the number of event participants. The information will be compiled at the end of the permit period to
	determine its effectiveness for educating the public.
Quantitative	
Indicators Used and	In 2016, the Statewide MS4 Coordinator's continued participation in public outreach events was
Results	discontinued since it was essentially duplicative of the efforts completed by the DEES.
Results	
	MDT provided public presentation events in each of the MS4 areas in 2017. MDT hosted a booth or
	participated at the following events:
	- Montana State Fair (Billings and Yellowstone County): 8/11/17-8/13/17; unknown number of
	attendees
	- Elder Grove Middle School Presentation (Billings and Yellowstone County): 4/19/17; 163
	students (plus teachers)
	- Butte High School Career Day (Butte): 2/15/17, unknown number of students
	- Bozeman Public Library outreach: 11/30/17, unknown number of attendees
	 Peterson Elementary School (Kalispell): 5/3/17, 72 attendees
	- Montana State Fair (Cascade County): 8/11/17-8/13/17; unknown number of attendees
Impact on SWMP	Provide positive public education with a unified statewide message.
Effectiveness	

SWMP Activity or	Guidance Manuals and Educational Materials BMP-PEO-04.1
Component Name	Guidance Manuals and Educational Materials BMP-PEO-04.1
Minimum Control	Public Education and
Measure Name (If	Outreach on Storm
Applicable)	
	Water Impacts
General Permit	II.B.1
Condition Item	
Number (If	
Applicable)	
Brief Description of Planned SWMP	Make a variety of guidance manuals and educational materials accessible through the MDT website.
Action Taken	
Responsible Agency,	MDT MC4 Coordinator DEEC
Department, or	MDT, MS4 Coordinator, DEES.
Organization; and	
Person or Position	
Measurable Goal or	In 2014 a link will be added to the MontanaMS4 website (http://montanaMS4.com) to take the user
Performance	to MDT's guidance and educational manuals. The first measurable goal will be to perform an annual
Standard Utilized	review by the MS4 Coordinator of the internal and external MDT websites to verify that the links to
0	the reference materials are accurate and up to date.
Quantitative Indicators Used and	MDT discontinued the MontanaMS4 website and utilizes MDT's MS4-specifc intranet and storm
Results	water internet site. The intranet site is a "one-stop" source of information on MDT's MS4 program
Results	for MDT employees and includes links to FPPPs, MS4 maps, MDT's SWMP, Annual Reports,
	educational and guidance material, MDT library material, and other websites that provide resources
	for MDT's MS4 program.
	Both the internal MS4 and Environmental Services Bureau pages provide links to MDTs external
	internet site (http://www.mdt.mt.gov/pubinvolve/stormwater/) where MDT's Storm Water guidance
	and educational manuals are available.
	The internet site also provides general storm water information and education on MDT's MS4
	program as well as links to MDT staff contacts, MDT's SWMP, MS4 maps, and other websites that
	provide resources for MDT's MS4 program (e.g. DEQ, EPA, DNRC, CICA).
	provide resources for this is more program (e.g. DEQ, Er A, DIARC, CICA).
	The links on these pages need to be checked for accuracy and undeted
Impact on SWMD	The links on these pages need to be checked for accuracy and updated.
Impact on SWMP Effectiveness	Provide consistent preventative measures to ensure that construction and maintenance activities are
Effectiveness	conducted in compliance with the law and in such a manner that reduces the amount of pollutants
	discharged to surface water to the maximum extent practicable.

SWMP Activity or Component Name	Guidance Manuals and Educational Materials	Public Forums BMP-PPI-01
	BMP-PEO-04.2	
Minimum Control	Public Education and	Public Involvement/
Measure Name (If	Outreach on Storm	Participation
Applicable)	Water Impacts	
General Permit	II.B.1	II.B.2
Condition Item		
Number (If		
Applicable)		
Brief Description of	Work with the MDT Librarian to create a	Provide the public the opportunity to comment on
Planned SWMP	collection of storm water materials available for	storm water concerns through project public
Action Taken	education and training.	meetings, public notices, NEPA/MEPA process,
		and corridor study process.
Responsible	MDT, MS4 Coordinator.	MDT, MS4 Coordinator, Project Development
Agency,	,	Engineers, public information personnel.
Department, or		
Organization; and		
Person or Position		
Measurable Goal or	Work with the MDT librarian once per year to	Compliance with NEPA and MEPA is confirmed
Performance	review MDT's educational materials related to	through audits. The results of these audits will be
Standard Utilized	storm water. This review will consist of verifying	used to track this BMP throughout the permit
	that the materials available at the MDT library are	period.
	accurate, adequate, and up to date. New materials	Ē
	will then be acquired as needed and allowed by	
	budgetary constraints.	
Quantitative	MS4 Coordinator and MDT Librarian completed	No FHWA audits were conducted this year for
Indicators Used and	an annual review of storm water material	
Results		projects in MS4 areas. Public involvement
Results	available. The database of available material	requirements are confirmed with the production
	currently in place at MDT library and available	of Environmental Certification Memos. MDT
	for checkout by employees or the public with an	produces these prior to federal funding as a self-
	active library card is at the following link:	check that required environmental reviews
	http://mtscprod.msl.mt.gov/uhtbin/cgisirsi/x/0/0/5	(including public involvement) have been
	<u>?user_id=MT-</u>	conducted.
	DOTWEB&password=&library=MT-	
	DOT&item_3cat=ACTION&match_on=KEYW	
	ORD&sort_by=TI	
	In addition, the "Education Resources" link on	
	the MDT internal MS4 page takes the viewer to	
	the currently available library resources for storm	
	water management as well as other MS4	
	education resources.	
Impact on SWMP	Provide consistent preventative measures to	Provide opportunities for the public to get
Effectiveness		
111111111033	ensure that construction and maintenance	involved and voice concerns early in the process.
	activities are conducted in compliance with the	
	law and in such a manner that reduces the amount	
	of pollutants discharged to surface water to the	
	maximum extent practicable.	

Appendix O – Summary of Activities and Descriptions of SWMP Effectiveness During Past Year Section O (page 10) – Additional Information Individual Permit: MT 00318444 (Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010) Montana Department of Transportation

SWMP Activity or	Clean-up and Volunteer Events BMP-PPI-02	Feedback
Component Name	Clean up and Voluncer Events Bivit 11102	BMP-PPI-03
Minimum Control	Public Involvement/	Public Involvement/
Measure Name (If	Participation	Participation
Applicable)		
General Permit Condition Item	II.B.2	II.B.2
Number (If		
Applicable)		
Brief Description of	Adopt-A-Highway is statewide program	The public can provide feedback using several
Planned SWMP	administered by MDT where volunteers sign	different methods. MDT will address this feedback
Action Taken	a contract to provide clean up services for a	and incorporate the feedback where appropriate.
D	section of highway.	
Responsible Agency, Department, or	MDT, Adopt-A-Highway program manager,	MDT, MS4 Coordinator, and other MDT Staff as
Organization; and	MS4 Coordinator.	applicable.
Person or Position		
Measurable Goal or	MDT will continue to offer the Adopt-a-	On MDT's social media sites, the MS4 Coordinator
Performance	Highway (AAH) program. MDT's current	will make at least four announcements per year.
Standard Utilized	goal for this BMP is to work with the AAH	MDT will continue to solicit feedback through work
	program manager to assist in creating the	group discussions, website comments, phone calls,
	ability for statewide consistent compliance	written e-mails or letters, training evaluations,
	tracking by the end of the 2015 permit cycle.	surveys, public comment periods, and personal
	The compliance tracking will be able to keep	interactions. The MS4 Coordinator will use a
	track of which sections of roadways by reference posts are adopted, who has adopted	spreadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will
	them, and how often trash pickup is	evaluate the BMPs progress based on the amount
	occurring.	and type of feedback received via available sources.
	occurring.	The MS4 Coordinator will use the feedback
		received to create updates and revisions to the storm
		water program on an as needed basis to increase the
		amount of feedback and public interaction received.
Quantitative	MDT's AAH program is available and	In 2017, MDT posted 9 MS4-related posts on
Indicators Used and	active. Organizations that adopt MDT's	MDT's Facebook page. MDT did not receive any
Results	roadways agree to pick up trash two times	MS4 specific comments or feedback.
	per year. Adoptions per MS4 area for 2017	
	are as follows:	
	Billings/Yellowstone County (7	
	organizations – 24 miles) Bozeman (4 organizations – 6 miles)	
	Butte (3 organizations – 9 miles)	
	Helena (3 organizations – 6 miles)	
	Great Falls (7 organizations – 14 miles)	
	Missoula (12 organizations – 22.4 miles)	
	Kalispell (4 organizations – 9 miles)	
	Note: The Kalispell MS4 area does not offer	
	the AAH program within Kalispell city limits	
-	due to safety concerns.	
Impact on SWMP	Clean-up events offer the community an	Feedback ensures that MDT is developing an
Effectiveness	opportunity to participate in organized and	effective program that responds to the needs of its
	formal activities to promote storm water	MS4 users.
	awareness.	

SWMP Activity or Component Name	Storm Water System Mapping BMP-IDDE-01
Minimum Control	
	Illicit Discharge Detection and Elimination (IDDE)
Measure Name (If	
Applicable) General Permit	H.D.2
	II.B.3
Condition Item	
Number (If	
Applicable)	
Brief Description of	A statewide effort to map MDT's storm water system in MS4 areas.
Planned SWMP	
Action Taken	
Responsible Agency,	MDT, MS4 Coordinator, DEES.
Department, or	
Organization; and	
Person or Position	
Measurable Goal or	The statewide MS4 Coordinator will continue to update each Small MS4 storm water system map on
Performance	an annual basis and will make the updated maps available in electronic format upon request. These
Standard Utilized	Small MS4 maps will be available online in 2014. MDT will solicit information from cities and
	counties to ensure that the information is as accurate as possible. MDT will also share new project
	information with co-permittees upon request. Updates include areas of new development or
	infrastructure improvements, as well as those areas where new information becomes available during
	maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on city limit
	changes and census information on a yearly basis if these two items have changed. This BMP's
	success will be based on the Small MS4 maps being updated with new information, and 25% of inlets
	being mapped in 2014. Over the permit cycle, starting in 2015, MDT will collect and map our inlets,
	open channels, subsurface conduits/pipes, dry wells, and other similar storm water conveyances.
Quantitative	MS4 maps are available from MDT's internet webpage at the following location:
Indicators Used and	http://www.mdt.mt.gov/publications/maps.shtml#env. The MS4 maps were last updated January
Results	2014 per the UA 2010 Census Tiger Files. Updated boundary information has been obtained and will
	be incorporated into these MS4 maps. MDT has a term contract in place to update MDT MS4 outfalls
	throughout the state; this project started within the Helena MS4 boundary and is currently ongoing.
	Mapping updates of inlets, open channels, subsurface conduits/pipes, dry wells, and other similar
	storm water conveyances have been postponed until the outfall mapping updates are complete.
	MDT did not receive any formal requests for information from other MS4s independent of the
	routine collaboration on MDT's design projects and maintenance activities.
Impact on SWMP	A better understanding of the storm water infrastructure and the locations of each outfall that
Effectiveness	discharges into state water bodies allows MDT staff to target our storm water program toward areas
	that have the highest risk of affecting water quality.

SWMP Activity or	Dry Weather Screening		
Component Name	BMP-IDDE-02		
Minimum Control			
	IDDE		
Measure Name (If			
Applicable) General Permit			
Condition Item	II.B.3		
Number (If			
Applicable) Brief Description of			
Planned SWMP	Monitoring of outfalls within the MDT jurisdiction by use of dry weather screening and visual		
Action Taken	observation.		
Responsible Agency,	MDT MS4 Coordinator DEES ESE and Maintananas Staff		
Department, or	MDT, MS4 Coordinator, DEES, FSE, and Maintenance Staff.		
Organization; and			
Person or Position			
Measurable Goal or	The DEES is reasonable for performing the dry weather corresping at each suffell once are required.		
Performance	The DEES is responsible for performing the dry weather screening at each outfall once per permit		
Standard Utilized	cycle. The information they gather will be used to update both the dry weather screening form along		
Stanuaru Otinžcu	with the tracking spreadsheet. The IDDE Program protocols will be made available on the MDT		
	website. The number of illicit or illegal discharges reported to the MS4 Coordinator will be analyzed		
	and compared to previous years. MDT will also track the date, the outfall location, the response		
	action, and the outcome of the implementation of such actions. Success of this BMP will be to		
	eliminate 100% of illicit or illegal discharges from MDT operations.		
Quantitative	The 2017 dry weather screening campaign evaluated approximately 36% of all currently listed MDT		
Indicators Used and	outfalls. The number of outfalls screened in 2017 by MS4 area are as follows:		
Results	Billings 5 of 17 (29%)		
	Bozeman 4 of 22 (18%)		
	Great Falls 7 of 25 (28%)		
	Kalispell 17 of 19 (89%)		
	Butte 4 of 21 (19%)		
	Missoula 11 of 35 (31%)		
	Helena 7 of 16 (44%)		
	Yellowstone County 7of 18 (39%)		
	The IDDE protocols are available on the MDT intranet site. As documented in the dry weather		
	screening forms, no illicit discharges were detected at the outfalls identified above. MDT did receive		
	notification, however, of other incidents that were completely contained on site during 2017. Those		
	instances include:		
	2/23/17 (Helena) – 29 gallon gasoline spill at the Motor Pool fueling area		
	4/7/17 (Billings) – 20 gallon hydraulic fluid leak when dump truck line ruptured		
	4///1/ (Dinnigs) – 20 ganon nyuraune nutu teak when dump truck fine ruptured		
	Updates to the dry weather screening form have been identified and the updated form will be used for		
	future dry weather screenings. The tracking spreadsheet is continuously updated as needed.		
	ruture or y weather screenings. The tracking spreadsheet is continuously updated as needed.		
Impact on SWMP	Identifies illicit or illegal discharges that need eliminated.		
Effectiveness	identifies mich of megal discharges that need emminated.		
Effectiveness			

SWMP Activity or	Storm Water Ordinances
Component Name	BMP-IDDE-03
Minimum Control Measure Name (If Applicable)	IDDE
General Permit Condition Item Number (If Applicable)	II.B.3
Brief Description of Planned SWMP Action Taken	MDT will follow local ordinances, statutes, and regulations within the Small MS4s. MDT will notify the proper enforcement authority available in the select Small MS4 that has an existing storm water ordinance in place.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, and construction inspectors.
Measurable Goal or Performance Standard Utilized	MDT does not have legal authority to establish ordinances. As a result, it will rely on other governmental bodies to add ordinances and regulation to the existing standards that help eliminate illicit or illegal discharges into state water bodies. For applications within the Small MS4, MDT will continue to list in right of way approach and encroachment permits that applicants are expected to follow local ordinances, which include the city MS4 ordinances. As part of this measurable goal, MDT will follow applicable ordinances, and report non-compliance to the appropriate authorities. MDT will evaluate the local agreements with co-permittees at the end of this permit cycle. In addition, MDT will continue to follow the <i>Escalation Plan</i> spelled out in Management memo 03-01 that will be made available in electronic format on the MDT website in the year 2014.
Quantitative Indicators Used and Results	Local agreements were not renewed at the end of 2015 due to MDT's application for an individual MS4 permit. Of the incidents of illicit discharges identified above, MDT conducted non-compliance reporting if not already conducted by another party. Management memo 03-01 is available on MDT's website at the following location: http://mdtinfo.mdt.mt.gov/policies/docs/mgmtmem/03-01.pdf MDT's environmental checklist that is part of approach and encroachment applications includes a
Impact on SWMP	question of whether the activity is in an MS4 boundary. All applications for projects located within MS4 boundaries are reviewed by the Environmental Service Bureau. In 2017, MDT notified 80 approach and encroachment permit applicants of MS4 responsibilities. Provide statewide consistency for reporting illicit discharges.
Effectiveness	

SWMP Activity or	Public Education on IDDE	
Component Name		
Component Name	BMP-IDDE-04	
Minimum Control		
	IDDE	
Measure Name (If		
Applicable) General Permit		
Condition Item	II.B.3	
Number (If		
Applicable) Brief Description of		
Planned SWMP	MDT currently provides information on possible illicit and illegal discharges in our printed education	
Action Taken	material and on our website. MDT will continue to provide this information.	
Responsible Agency,	MDT, MS4 Coordinator, and other MDT staff.	
Department, or	MD1, M34 Coordinator, and other MD1 start.	
Organization; and		
Person or Position		
Measurable Goal or	MDT will track, when possible, the number of calls, emails, or postings on MDT's social media sites.	
Performance	A reporting spreadsheet will be generated in 2014 by the MS4 Coordinator. Information provided	
Standard Utilized		
Standard Childed	during the reporting will be entered into the spreadsheet. The action taken by MDT resolve the	
	problem will also be included in the spreadsheet. When available MDT will record how the	
	information was acquired. MDT will use this information to evaluate the highest used method of	
	reporting. Reporting methods not being used will be evaluated to determine if changes can be made	
	to improve its effectiveness. The number of reports will determine if having a public reporting	
	system is effective. The results will be presented in each Annual Report. As stated in BMP 3.3.1.2,	
	the MS4 Coordinator will be posting status updates on MDT's social media (Facebook) page. One of	
	these posts will be related to IDDE.	
Quantitative	MDT tracks the number of likes, shares, and comments on MDT's Facebook pate. MDT's internet	
Indicators Used and	site provides information specific to IDDE and includes a link to contact the Department. The	
Results	current tracking spreadsheet has tab for IDDE. There was an IDDE-specific post on MDT's	
	Facebook page in March 2017. It had 3 likes and 1 share.	
Impact on SWMP Effectiveness	Provides information on reporting illicit discharges and the process for escalation.	
Ellectiveness		

SWMP Activity or	Training	Construction SWPPP
Component Name	BMP-IDDE-05	
=		BMP-CSRC-01
Minimum Control	IDDE	Construction Site
Measure Name (If		Runoff Control
Applicable)	H.D.A.	U.D. 4
General Permit	II.B.3	II.B.4
Condition Item		
Number (If		
Applicable)		
Brief Description of	Provide district personnel with IDDE training	At construction sites that are required to obtain an
Planned SWMP Action Taken	specific to their job duties.	MPDES General Permit for Storm Water
Action Taken		Discharges associated with Construction Activity,
		the contractors must prepare a SWPPP.
Responsible Agency,	MDT, MS4 Coordinator, DEES.	MDT, PDE.
Department, or		
Organization; and		
Person or Position		
Measurable Goal or	This training will be part of the IDDE Training	MDT continues to place the special provision in
Performance	Program and will be performed annually for	project contracts that require contractors on
Standard Utilized	key personnel. MDT will track the date,	construction sites greater than or equal to one acre
	location and employees trained each year as	of disturbance, or have potential to discharge into
	part of the IDDE Training Program at each	state waterways to adhere to the MPDES General
	Small MS4. Success will be determined by	Permit for Storm Water Discharges associated
	ensuring up to date training material and	with Construction Activity. The measurable goal
	employees requesting the training receive the	for the BMP is that project contracts have the
	training.	MPDES Special Provision.
Orrentitetine		
Quantitative Indicators Used and	IDDE training was provided to MDT	In 2017 there were 14 construction projects let
Results	maintenance personnel at following locations	within the MS4s and 7 pre-construction meetings
Results	and dates:	were held for projects greater than or equal to one
	Butte – 10/19/17;	acre. All necessary projects received the special
		provision. It is standard operating procedures to
	(Other training was provided to maintenance	include the MPDES special provision in all
	personnel however, whether or not IDDE	contracts.
	training was included was not reported.)	
Impact on SWMP	Provide a knowledgeable staff capable of	Uniform inclusion of the MPDES special
Effectiveness	detecting and handling an illicit discharge.	provision in MDT contracts meeting requirements.
	detecting and nationing an intert discillarge.	provision in whom contracts incering requirements.

SWMP Activity or	MDT Environmental and Construction Oversight	
Component Name	BMP-CSRC-02.1	
Minimum Control	Construction Site	
Measure Name (If	Runoff Control	
Applicable)	Kunoli Control	
General Permit	II.B.4	
Condition Item		
Number (If		
Applicable)		
Brief Description of	To provide environmental and construction oversight on MDT projects. To ensure compliance with	
Planned SWMP	federal, tribal, state, and local laws.	
Action Taken		
Responsible Agency,	MDT, DEES, and project personnel.	
Department, or		
Organization; and		
Person or Position Measurable Goal or	This DMD will be many and by the number of increations and wated during the new it will be	
Performance	This BMP will be measured by the number of inspections conducted during the permit period. In	
Standard Utilized	addition, deficiencies will be tracked by project, as well as the actions taken to remedy the issues.	
Standard Chilzed	The deficiencies and actions will be used as training tools to improve inspection procedures and to	
	train DEES and inspection personnel for future MDT projects. MDT will track the size of project and	
	compliance record of the contractors and subcontractors to evaluate if the environmental plans and	
	specifications are meeting the requirements of the Construction General Permit and protecting the	
	state's water quality. MDT staff will inspect 100% of projects within the Small MS4.	
Quantitative	The DEES inspected MDT projects within each MS4 in accordance with the February 2016 'MS4	
Indicators Used and Results	Construction and Post Construction DELIS inspection Procedures. Furgeted inspection requencies	
Results	were used based on risk to water quality. The number of DEES' construction inspections that	
	occurred in each MS4 area during 2017 are as follows:	
	Kalispell: 1 inspection;	
	Missoula: 4 inspections;	
	Butte: 8 inspections;	
	Bozeman: 10 inspections;	
	Great Falls: 0 inspections;	
	Helena: 1 inspections; and	
	Billings/Yellowstone County: 3 inspections.	
	The formalized inspection form, updated and implemented in 2016, was used in 2017. Tracking will	
	continue through the use of the tracking spreadsheet.	
Impact on SWMP	Environmental and construction oversight allows MDT to monitor a contractor's performance and	
Effectiveness	helps ensure that federal, tribal, state, and local laws and regulations controlling pollution of the	
	environment are followed.	

SWMP Activity or	MDT Environmental and Construction Oversight	
Component Name	BMP-CSRC-02.2	
Minimum Control	Construction Site	
Measure Name (If	Runoff Control	
Applicable)		
General Permit	II.B.4	
Condition Item		
Number (If		
Applicable)		
Brief Description of	To provide environmental and construction oversight on MDT projects. To ensure compliance with	
Planned SWMP	federal, tribal, state, and local laws.	
Action Taken		
Responsible Agency ,	MDT, DEES, and project personnel.	
Department, or		
Organization; and		
Person or Position		
Measurable Goal or	The DEES attend, send a designee, or communicate directly with the project manager prior to100%	
Performance	of the Pre-Construction conferences for construction projects within the Small MS4s.	
Standard Utilized		
Quantitative	In 2017, the following Pre-Construction conferences for projects in MS4 areas occurred and were	
Indicators Used and	either attended by the DEES/FSE or comments were provided by the DEES to the Project Manager:	
Results	Billings/Yellowstone County: Broadwater Ave. Paths, 1/10/17;	
	Billings/Yellowstone County: Pinehills Interchange – Pryor Creek Interchange, 2/2/17;	
	Billings/Yellowstone County: 1st Avenue South ADA, 3/17/17;	
	Great Falls: Great Falls Urban, 3/27/17;	
	Billings/Yellowstone County: SF 139 – Signal 13 th & Parkhill, 9/12/17;	
	Great Falls: Overlook Drive Path, 11/7/17;	
	Missoula: Russell Street, 11/29/17	
Impact On SWMP	Environmental and construction oversight allows MDT to monitor contractor's performance and	
Effectiveness	Environmental and construction oversight allows MDT to monitor contractor's performance and	
1211001101055	helps ensure that federal, tribal, state, and local laws and regulations controlling pollution of the	
	environment are followed.	

SWMP Activity or	MDT Information Analysis	
Component Name	BMP-CRSC-03	
Minimum Control	Construction Site Runoff Control	
Measure Name (If		
Applicable)		
General Permit	II.B.4	
Condition Item		
Number (If		
Applicable)		
Brief Description of	Evaluate information gathered to improve awareness, and enhance current programs.	
Planned SWMP		
Action Taken		
Responsible Agency,	MDT, MS4 Coordinator, DEES.	
Department, or		
Organization; and		
Person or Position Measurable Goal or	The MSA Coordinates will ottend five mechanism meetings are used. These meetings meetings are used by with an	
Performance	The MS4 Coordinator will attend five workgroup meetings per year. These meetings may be with co-	
Standard Utilized	permittees, other water quality groups, or MDT staff to discuss beneficial ways to improve storm	
Standard Chilled	water quality. The DEES will attend at least one MDT maintenance section meeting per year for each	
0	Small MS4.	
Quantitative	The MS4 Coordinator (SEES) attended 2 informal meetings with the DEQ on the MS4 general	
Indicators Used and Results	permit and application for and Individual Permit.	
Kesuits		
	The FSE and Environmental Engineering Section Supervisor attended a Great Falls Adjacent MS4	
	Participants Meeting on 8/23/17 with the purpose of improving MDT's MS4 program or providing	
	MS4 information to the public.	
	MDT maintenance staff meetings attended by the DEES were held in each District on the following	
	dates:	
	Butte/Helena MS4 Sectionman Meeting: 3/29/17; Butte DEES attended	
	Missoula MS4 Sectionman Meeting: 4/4/17; Missoula DEES attended	
	Kalispell MS4 Sectionman Meeting: 5/18/17; Kalispell DEES attended	
	Billings/Yellowstone Co. MS4 Sectionman Meeting: date not reported; Billings DEES did not attend	
	Bozeman MS4 Sectionman Meeting: 4/19/17; Butte DEES attended	
	Great Falls MS4 Sectionman Meeting: date not reported; Great Falls DEES did not attend	
	Butte/Helena MS4 Sectionman Meeting: 10/19/17; Butte DEES attended	
Impact On SWMP	The information will be used to improve awareness and enhance current programs by revising	
Effectiveness	existing procedures.	

SWMP Activity or	MDT Training	Internal Project Administration
Component Name	MDT Training	Internal Project Administration
=	BMP-CSRC-04	BMP-CSRC-05
Minimum Control	Construction Site Runoff Control	Construction Site
Measure Name (If		Runoff Control
Applicable)		H.D. (
General Permit	II.B.4	II.B.4
Condition Item		
Number (If		
Applicable)		
Brief Description of	Provide trained staff responsible for the implementation,	MDT will use contractual agreements to
Planned SWMP	maintenance, and inspection of the storm water program.	ensure that projects are constructed in a
Action Taken	MDT personnel will be trained in the selection,	manner that complies with the Clean
	implementation, inspection and maintenance of storm water	Water Act.
	BMPs.	
Responsible Agency,	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator, PDEs.
Department, or		
Organization; and		
Person or Position		
Measurable Goal or	The MS4 Coordinator will maintain a log with the dates of	MDT will include the MS4 special
Performance	MDT training sessions, including the online SWPPP	provision in 100% of contracts taking
Standard Utilized	administrator certification. Names of attendees, their	place in a Small MS4. In 100% of the
	departments and their responsibilities will be included on the	contracts in a Small MS4, MDT will
	logs. Feedback provided during the training sessions will	include standard and/or special provisions
	also be tracked to improve procedures and guidelines. Data	requiring appropriate storm water pollution
	for this log will be provided to the MS4 Coordinator through	prevention and acquisition of necessary
	the DEES at each Small MS4. The DEES will present during	permits prior to the commencement of
	at least one EPM meeting per year. The presentation will be	construction activities. The MS4
	a discussion of current storm water issues and will provide	Coordinator will track projects let to
	an opportunity for storm water questions related to design	
	and construction activities.	contract each year in Small MS4s, and will
	and construction activities.	ensure appropriate standard and special
		provisions are included in each of the
		contract documents.
Quantitative	MDT issued three SWPPP Administrator Certificates to	In 2017 there were 14 construction
Indicators Used and	MDT maintenance or planning personnel in 2017.	projects let within the MS4s. All of these
Results		included MS4 special provisions in the
	The DEES attended their respective district EPM meetings	contract.
	on the following dates:	
	Missoula District (Missoula, Kalispell MS4s) – 4/5/17	
	Butte District (Bozeman, Butte MS4s) – 3/29/17, 9/6/17	
	Billings District (Billings, Yellowstone Co. MS4s) – 9/11/17	
	Great Falls District EPM Meeting (Helena, Great Falls	
	MS4s) – 4/21/17, 9/21/17	
	MDT hired a consultant to help update its online SWPPP	
	Administrator training for MDT maintenance personnel	
	and an online construction-related BMP training.	
Impost On SUMD	MDT noncompal will be trained in the selection	Draight will be constructed in a survey
Impact On SWMP Effectiveness	MDT personnel will be trained in the selection,	Project will be constructed in a manner
Effectiveness	implementation, inspection and maintenance of storm water	that complies with the Clean Water Act.
	BMPs.	

SWMP Activity	Plan Reviews	
or Component	BMP-PCRC-01	
Name		
Minimum	Post-Construction Runoff in New Development and Redevelopment	
Control	· · ·	
Measure Name		
(If Applicable)		
General Permit	II.B.5	
Condition Item	п.в.5	
Number (If		
Applicable)		
Brief	MDT reviewers will verify that applicable federal, tribal, state and local laws and regulations are followed	
Description of	as required by the Small MS4 Program.	
Planned SWMP	1 2 2	
Action Taken		
Responsible	MDT, MS4 Coordinator, PDEs.	
Agency,		
Department, or		
Organization;		
and Person or		
Position		
Measurable	The measurable goal for this BMP will be for PDEs to review 100% of the plans within the Small MS4s.	
Goal or	When applicable the PDEs will recommend to the design team incorporation of PESC/LID structures.	
Performance		
Standard		
Utilized		
Quantitative	To ensure 100% of the plans within Small MS4s consider incorporation of PESC measures, MDT's	
Indicators Used	design milestone report templates have been modified to include a specific section documenting PESC	
and Results		
	measures considered during design. These milestone reports are required to be completed for MDT	
	federal aid projects. Additionally, a LID Practices Analysis process and form was created for statewide	
	use by the PDEs. The form provides uniformity of the LID analyses to ensure statewide consistent	
	determinations of and documentation of "development," "redevelopment," and "practicability." This	
	form is available on the MDT website at:	
	http://www.mdt.mt.gov/other/webdata/external/planning/forms/MDT-ENV-007-	
	Low_Impact_Development_Practice_Analysis.pdf	
	In 2017, seven MDT design projects within MS4 areas at various levels of project development received	
	LID Analysis review. The process is being refined to better determine 100% compliance.	
Impact On	Verify that applicable federal, tribal, state and local laws and regulations are followed as required by the	
SWMP		
	Small MS4 Program.	
Effectiveness		

SWMP Activity or	Construction and Dest Construction Site Inspections DMD DCDC 02	
Component Name	Construction and Post-Construction Site Inspections BMP-PCRC-02	
Minimum Control		
	Post-Construction Runoff in New Development and Redevelopment	
Measure Name (If		
Applicable)	H D 2	
General Permit	II.B.5	
Condition Item		
Number (If		
Applicable)		
Brief Description of	MDT construction personnel inspect the features as they are being constructed to ensure that they are	
Planned SWMP	constructed according to the contract documents including the plans and specifications.	
Action Taken		
Responsible Agency,	MDT, DEES, Maintenance and Construction personnel.	
Department, or		
Organization; and		
Person or Position		
Measurable Goal or Performance Standard Utilized	MDT construction personnel will inspect structural (permanent) BMPs on 100% of projects in a Small MS4. Before MDT assumes responsibility for a storm water permit from the Contractor, MDT personnel including the DEES, maintenance personnel, and construction personnel, complete a final project closeout inspection to ensure project BMPs (temporary and permanent) are correctly installed and functioning properly. After the project closeout is complete, the BMP maintenance becomes MDT's responsibility. MDT maintenance personnel perform maintenance on the temporary and permanent BMPs as needed. Items that could be improved during the construction phase will be passed on to construction for consideration in future projects.	
Quantitative Indicators Used and Results	In 2017, the DEES performed two final walkthroughs on projects in MS4 areas prior to transferring permit responsibilities from the contractor to MDT. In 2017, the DEES performed three final stabilization inspections for projects in MS4 areas prior to the termination of permit coverage held by MDT.	
Impact On SWMP Effectiveness	Ensures that features of projects are constructed according to the contract documents including the plans and specifications.	

Appendix O - Summary of Activities and Descriptions of SWMP Effectiveness During Past Year Section O (page 10) – Additional Information Individual Permit: MT 00318444 (Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010) Montana Department of Transportation

MS4 Areas: Billings, Bozeman	, Great Falls, Kalispell, Butte,	Missoula, Helena, and Yellowstone County
------------------------------	----------------------------------	--

CUUMD A stimiter on	Or and in the interview of DMD.	Destination of the second seco
SWMP Activity or Component Name	Operation and Maintenance of BMPs	Reviewers and Inspectors Training
Minimum Control	BMP-PCRC-03 Post-Construction Runoff in New	BMP-PCRC-04
Measure Name (If		Post-Construction Runoff in New Development and
Applicable)	Development and Redevelopment	Redevelopment
General Permit	II.B.5	II.B.5
Condition Item	1.5.5	11.0.5
Number (If		
Applicable)		
Brief Description	Evaluate MDT Operation and Maintenance	MDT will provide training and guidance material to
of Planned SWMP	Program to ensure being conducted in an	its employees on environmental compliance and storm
Action Taken	effective manner.	water BMPs.
Responsible	MDT, DEES, Maintenance personnel.	MDT, MS4 Coordinator, DEES.
Agency,	-	
Department, or		
Organization; and		
Person or Position	Describes of the second MDT Operation of the	
Measurable Goal or Performance	Records of the current MDT Operation and	MDT will continue to provide training to its
Standard Utilized	Maintenance Program will be reviewed and	employees on environmental compliance and storm
Standard Ctilized	evaluated to ensure that the O&M of BMPs is	water BMPs. Continued educational programs and
	being conducted in an effective manner. The	specialized training will continue to be made available
	evaluation of the Program will be tailored to	for individuals involved in the plan review process
	each MS4 area. Facilities managed by other	and for inspection personnel. The MDT-provided
	entities (i.e., county or city) will be their sole	training and education programs attended by MDT
	responsibility.	personnel will be tracked as part of this BMP.
		Pertinent staff members will attend at least one
		relevant training session per permit period to develop
		and expand their skills pertaining to storm water
		pollution prevention techniques. This training will be
		available as an online self-review of the PESC
		guidelines. MDT conducts periodic training on and
		updates of the PESC Manual as necessary.
Quantitative	No formal recommendations were created for	
Indicators Used	the O&M program. It has been determined that	MDT hired a consultant to help update its online
and Results	records for O&M program are not specifically	SWPPP Administrator training for MDT maintenance
	broke out in the maintenance management	personnel. Three MDT maintenance personnel the
	system. This BMP is difficult to implement	SEES and one DEES became certified SWPPP
	and will continue to be evaluated in 2018 for	Administrators in 2017.
	process improvements.	
Impact On SWMP	Opportunity to ensure an accurate BMP	Provide educated staff.
Effectiveness	installation and to use the information gathered	
1	in evaluating improvements in future BMP installations or maintenance activities.	

SWMP Activity or Component Name	Low Impact Development Approach		
Minimum Control	BMP-PCRC-05		
Measure Name (If	Post-Construction Runoff in New Development and Redevelopment		
Applicable)			
General Permit	II.B.5		
Condition Item	11.D.J		
Number (If			
Applicable)			
Brief Description of	MDT will attempt to incorporate LID techniques where practicable in MDT projects and at its		
Planned SWMP	facilities within the MS4 areas when upgrades to the facilities are implemented and new or		
Action Taken	redevelopment takes place.		
Responsible Agency,	MDT, MS4 Coordinator, PDEs.		
Department, or	NDT, NOT Coordinator, TDLS.		
Organization; and			
Person or Position			
Measurable Goal or	For road construction projects in MS4 areas, MDT will evaluate 100% of designs for the potential of		
Performance	incorporating LID techniques. When the requirements are triggered, i.e., a new development or		
Standard Utilized	redevelopment project with disturbance greater than or equal to one acre, LID opportunities will be		
	explored. PDEs will be the lead on this effort and will provide data to the MS4 Coordinator for tracking.		
	For "state actions" at MDT facilities within Small MS4 areas, MDT will evaluate 100% of designs for		
	appropriateness of incorporating LID techniques. Each proposed project will be reviewed for triggering the		
	requirements for incorporating LID, as practicable. When the requirements are triggered, i.e., a new		
	development or redevelopment project with disturbance greater than or equal to one acre, LID		
	opportunities will be explored. PDEs will be the lead on this effort and will provide data to the MS4		
	Coordinator for tracking.		
	For encroachment and approach permit applications within Small MS4 areas, MDT will evaluate 100% of applications for appropriate MS4 related information		
	applications for appropriateness of incorporating LID techniques. Appropriate MS4-related information		
	will be included in the permit issuance correspondence. PDEs will be the lead on this effort and will		
Quantitative	provide data to the MS4 Coordinator for tracking. For road construction projects in MS4 areas, the LID Practices Analysis process and form was		
Indicators Used and			
Results	created for statewide use by the r DEs. The form provides uniformity of the EID analyses to ensure		
Results	statewide consistent determinations of and documentation of "development," "redevelopment," and		
	"practicability." This form is available on the MDT website at:		
	http://www.mdt.mt.gov/other/webdata/external/planning/forms/MDT-ENV-007-		
	Low Impact Development Practice Analysis.pdf.		
	In 2017, 7 MDT design projects within MS4 areas at various levels of project development received		
	LID Analysis review.		
	For "state actions" at MDT facilities within Small MS4 areas, there were not any "state actions" at		
	MDT facilities that triggered a redevelopment LID review in 2017.		
	For encroachment and approach permit applications within Small MS4 areas, after the development		
	of the SWMP and this commitment, it was determined that it is inappropriate for MDT to evaluate		
	the proposed developer actions in encroachment and approach permit applications for		
	appropriateness of incorporating LID. Instead, PDEs include a stipulation in the permit application		
	evaluation that applicable MS4 requirements must be met, effectively placing the responsibility for		
	the LID applicability analysis on the project proponent.		
Impact On SWMP	Incorporation of PESC/LID measures where practicable.		
Effectiveness	1 · · · · · · · · · · · · · · · · · · ·		
	4		

Appendix O – Summary of Activities and Descriptions of SWMP Effectiveness During Past Year Section O (page 10) – Additional Information Individual Permit: MT 00318444 (Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010) Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County

SWMP Activity or Component Name	Ordinances and Storm Water Design Criteria BMP-PCRC-06	Vegetation Management Program BMP-PCRC-07
Minimum Control Measure Name (If Applicable)	Post-Construction Runoff in New Development and Redevelopment	Post-Construction Runoff in New Development and Redevelopment
General Permit Condition Item Number (If Applicable)	II.B.5	II.B.5
Brief Description of Planned SWMP Action Taken	MDT does not have the authority to write ordinances or requirements for storm water design criteria on non-MDT proposed projects. MDT can and does enforce MDT standards on MDT projects. MDT follows applicable federal, tribal, state and local laws and regulations within the Small MS4s.	Evaluate projects within Small MS4s that have open SWPPP permits for use of federal funds to conduct further revegetation that promotes closure of the SWPPP plans.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, PDEs, DEES.	MDT, DEES, Botanist.
Measurable Goal or Performance Standard Utilized	MDT will continue to follow federal, tribal, state and local laws and regulation and design standards. MDT will maintain and follow its design criteria for PESC and LID measures or seek formalized design exceptions for 100% of our projects within Small MS4s.	This BMP will be measured by comparing projects within the Small MS4s with open SWPPP permits. A determination will be made if improvement to the control of storm water run-off, and infiltration can be improved with further re-vegetation. The open permit projects and the projects that are closed will be tracked as well as the projects where funding was allocated within the Small MS4s.
Quantitative Indicators Used and Results	MDT projects currently being designed within the MS4 Area are undergoing continuous PESC/LID evaluation in accordance with the MS4 permit. In 2017, 7 MDT design projects within MS4 areas at	In 2017, no projects were identified within MS4 Areas as needing vegetation improvement with the Federal Revegetation Management Program.
	various levels of project development received LID Analysis review.	
Impact On SWMP Effectiveness	Ensures compliance with all applicable laws, regulations and design standards.	Promotes effective stabilization and closure of SWPPP plans.

	m · · ·	
SWMP Activity or	Training	
Component Name	BMP-PPGH-01.1	
Minimum Control	Pollution Prevention / Good Housekeeping	
Measure Name (If		
Applicable)		
General Permit	II.B.6	
Condition Item Number (If		
Applicable) Brief Description of	Educate staff as sending stand suctor shows statistics, suctor suchts issues, and individual	
Planned SWMP	Educate staff regarding storm water characteristics, water quality issues, and individual	
Action Taken	responsibilities regarding the implementation of the Statewide SWMP, the Storm Water Pollution	
	Prevention Plans (SWPPP), and the Spill Prevention, Control, and Countermeasure (SPCC) Plans.	
Responsible Agency,	MDT, MS4 Coordinator, DEES.	
Department, or		
Organization; and		
Person or Position		
Measurable Goal or	a) This BMP will be measured by ensuring that 100% of the DEES and MDT Maintenance staff performing	
Performance	SWPPP inspections in Small MS4s are in compliance with the CGP and will have Certified SWPPP	
Standard Utilized	Administrator training/certification. Records will be kept of personnel who have taken the SWPPP	
	Administrator training and passed the test to become a MDT Certified SWPPP Administrator.	
	b) This BMP will be measured by ensuring that 100% of the Maintenance staff performing site-specific facility	
	SWPPP (FPPP) inspections in Small MS4s has site specific FPPP training. Records will be kept of personnel	
	who have received training on the site-specific FPPP Administrator and inspection procedures.	
	c) The DEES will provide a presentation regarding storm water issues during at least one EPM meeting per year.	
	The presentation will be a discussion of current storm water issues and an opportunity for questions regarding	
	storm water issues related to design and construction activities.	
	d) The DEES will provide a presentation during at least one MDT maintenance sectionman meeting per year.	
	The presentation will include a discussion of current storm water control issues and an opportunity for questions	
Quantitative	regarding storm water control related to maintenance activities and facilities. a) MDT staff performing SWPPP inspections have completed MDT's online SWPPP administrator	
Indicators Used and	training. This training is available online at the following web page:	
Results		
Kesuits	http://mdtinfo.mdt.mt.gov/training/video/swppp/player.html. The Billings DEES and the SEES completed	
	BMP 101, 102 and 201 training in 2017.	
	b.) Informal training was conducted by DEES for MS4 maintenance facilities.	
	c and d) The following MDT construction and maintenance staff meetings took place, during which the	
	DEES discussed storm water issues such as FPPPs, MS4 processes, and SWPPP issues.	
	Missoula District EPM Meeting (Missoula, Kalispell MS4s) – 4/5/17	
	Butte District EPM Meeting (Bozeman, Butte MS4s) – 3/29/17, 9/6/17	
	Billings District EPM Meeting (Billings, Yellowstone Co. MS4s) – 9/11/17	
	Great Falls District EPM Meeting (Helena, Great Falls MS4s) – 4/21/17, 9/21/17	
	Kalispell MS4 Sectionman Meeting: 5/18/17; Kalispell DEES attended	
	Missoula MS4 Sectionman Meeting: 4/4/17; Missoula DEES attended	
	Billings Sectionman Meeting (Billings, Yellowstone County MS4s): date not reported; Billings	
	DEES did not attend	
	Bozeman MS4 Sectionman Meeting: 4/19/17; Butte DEES attended	
	Butte MS4 Sectionman Meeting (Butte, Helena MS4): 10/19/17; Butte DEES attended	
	Great Falls MS4 Sectionman Meeting: date not reported; Great Falls DEES did not attend	
	orear rans mor occionnan meeting, date not reported, orear rans DEES did not attelld	
Impact On SWMP	To have advanted staff regarding starm water share starieties water surfice issues and in the last	
Effectiveness	To have educated staff regarding storm water characteristics, water quality issues, and individual	
Encouveness	responsibilities regarding the implementation of the Statewide SWMP, the Facility Pollution	
	Prevention Plans (FPPPs), and the Spill Prevention, Control, and Countermeasure (SPCC) Plans.	

SWMP Activity or	Training		
Component Name	BMP-PPGH-01.2		
Minimum Control	Pollution Prevention / Good Housekeeping		
Measure Name (If			
Applicable)			
General Permit	II.B.6		
Condition Item Number (If			
Applicable)			
Brief Description of	Educate staff regarding storm water characteristics, water quality issues, and individual		
Planned SWMP responsibilities regarding the implementation of the Statewide SWMP, the Storm Water			
Action Taken	Prevention Plans (SWPPP), and the Spill Prevention, Control, and Countermeasure (SPCC) Plans.		
Responsible Agency,	MDT, MS4 Coordinator, DEES.		
Department, or			
Organization; and			
Person or Position Measurable Goal or) EQD and an all the English for the Querties Querties and a Field Quit English (11)		
Performance	a) ESB personnel, generally the Engineering Section Supervisor or the Field Services Engineer, will		
Standard Utilized	attend at least one quarterly DCE meeting per year and provide information related to MDT's overall		
storm water management program, including 1954 issues.			
	b) ESB personnel, generally the Engineering Section Supervisor or the Field Services Engineer, will attend at least one quarterly Maintenance Chiefs meeting per year and provide information related to MDT's overall storm water management program, including MS4 issues.		
	c) As shown in Table 2-1, found in chapter 2, several MDT facilities in MS4 areas fall under the Spill		
	Prevention, Control, and Countermeasure (SPCC) Rule and have SPCC Plans. SPCC training, which		
	includes information related to the MS4 Program, will be offered annually or according to SPCC		
	requirements.		
	d) As shown in Table 2-1 found in chapter 2, MDT is working to develop site-specific Storm Water		
	Pollution Prevention Plans (SWPPP) for MDT facilities within MS4 areas that currently do not have		
	SWPPPs. Training is offered on each site specific SWPPP upon completion of the plan. Additional		
	training will be offered when the plan is amended or on an as needed basis, as necessary. Dates,		
	name, and responsibility of staff members, as well as topics discussed, will be tracked on a		
	spreadsheet as part of this measurable goal.		
Quantitative	a) The FSE did not attend a DCE meeting in 2017 (due to staff changes).		
Indicators Used and	b) The FSE did not attend a Maintenance Chiefs meeting in 2017 (due to staff changes).		
Results	c) Training and review of the SPCC plans at MDT facilities occurred per SPCC requirements.		
	d) All MDT facilities listed in Table 2-1 of the SWMP have FPPPs implemented that address storm		
	water controls.		
Impost On SWMD			
Impact On SWMP Effectiveness	To have educated staff regarding storm water characteristics, water quality issues, and individual		
EATCOUVERCOS	responsibilities regarding the implementation of the Statewide SWMP, SWPPPs, and SPCCs.		

SWMP Activity or	Periodic SWPPP and SPCC Plan Inspections	
Component Name	BMP-PPGH-02	
Minimum Control	Pollution Prevention / Good Housekeeping	
Measure Name (If		
Applicable)		
General Permit	II.B.6	
Condition Item		
Number (If		
Applicable)		
Brief Description of	MDT will perform site inspections for MDT facilities within the Small MS4s with FPPP and SPCC	
Planned SWMP	plans on the time basis documented in the SWMP.	
Action Taken		
Responsible Agency,	MDT, MS4 Coordinator, DEES, Maintenance staff.	
Department, or		
Organization; and		
Person or Position		
Measurable Goal or	The DEES and MS4 Coordinator will analyze the SWPPP inspection forms on a yearly basis to evaluate	
Performance	opportunities to improve and deal with identified deficiencies. In some cases, funds will have to be secured to	
Standard Utilized	improve the current infrastructure and might require several years before the BMP can be fully implemented.	
Quantitative	The FPPP inspections from the MDT facilities located in MS4s are compiled in an annual summary	
Indicators Used and	reporting form. An initial review of this form takes place in January of each year and is used to	
Results	determine if there are opportunities for improvement or deficiencies.	
	In 2017, MDT made the following capital investments to improve storm water under MDT jurisdiction:	
	• Installed the underground storm water chambers at the Kalispell Maintenance Facility;	
	• Ongoing consultant development of a formal MS4 outfall designation procedure and MS4	
	outfall mapping updates;	
	 Incorporated the 2016 Best Management Practices Manual into special provisions for all 	
	projects within MS4 boundaries;	
	Provided feedback for the Permanent Erosion and Sediment Control Design Guidelines	
	Manual;	
	 Incorporated MS4-specifc questions into the Environmental Checklist for Systems Impact 	
	Reviews to ensure external customers aware of MS4 requirements; and	
	• Hired a consultant to update MDT's Online SWPPP Administrator training.	
	Three a consulant to aparte 1011 5 on the 5 01111 Hammistador a diffing.	
Impact On SWMP	Identify potential opportunities for improvements and small procedural changes that could positively	
Effectiveness	impact potential storm water contamination.	

SWMP	Road and Parking Sweeping
Activity or	BMP-PPGH-03
Component	
Name	
Minimum	Pollution Prevention / Good Housekeeping
Control	
Measure	
Name (If	
Applicable)	
General	II.B.6
Permit	
Condition	
Item Number	
(If	
Applicable)	
Brief	Implement a Street Sweeping Program that encompasses the streets and roadways, the maintenance yards and
Description	parking areas within its facilities. The street sweeping frequency depends on need and travel volumes.
of Planned	Sweepers also respond to certain types of spills that require clean-up work.
SWMP	
Action Taken	
Responsible	MDT, Maintenance Staff.
Agency,	
Department,	
or Organization	
; and Person	
or Position	
Measurable	MDT's goal for the street sweeping program is to sweep 100% of the facilities and MDT maintained roads
Goal or	that are within our permitted Small MS4s a minimum of one time per year.
Performance	that are within our permitted small Wis+s a minimum of one time per year.
Standard	
Utilized	
Quantitative	MDT swept 100% of the MDT facilities and MDT maintained roads within the Small MS4s a minimum of
Indicators	once in 2017. The mileage and cost breakdown per MS4 is as follows:
Used and	Missoula: 872.7 miles, \$47,561.26
Results	Kalispell: 770.0 miles, \$46,260.20
	Butte: 251.7 miles, \$21,457.89
	Bozeman: 73.7 miles, \$5,526.41
	Great Falls: 869.1 miles, \$75,359.15
	Helena: 1,138.6 miles, \$74,110.01
	Billings and Yellowstone County: 697.5 miles, \$33,020.17
Impact On	Remove pollutants from entering water.
SWMP	
Effectiveness	

SWMP Activity or	Road and Parking Area Maintenance	Winter Maintenance Program
Component Name	BMP-PPGH-04	BMP-PPGH-05
Minimum Control Measure Name (If	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
Applicable)	Tiousekeeping	
General Permit Condition Item	II.B.6	II.B.6
Number (If		
Applicable)		
Brief Description of	MDT will follow its Roadway /	MDT will evaluate the Winter Maintenance Program for
Planned SWMP Action Taken	Roadside Maintenance Program to maintain roadways / roadsides for safety, to protect the environment, and	feasible ways to transition to more environmental friendly methods.
	to maintain a pleasing aesthetics in a	
D	functional manner.	
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, Maintenance Staff.	MDT, MS4 Coordinator, Maintenance Chiefs.
Measurable Goal or Performance Standard Utilized	MDT will evaluate current practices used during maintenance and operational activities to determine if modifications to these practices are warranted to minimize storm water pollutants reaching water ways. The evaluation of BMPs and procedures as well as suggestions will be documented to determine the best course of action to implement improvements as the measurable goal for this BMP. Cost, ease of implementation, and risk and benefit analysis will be taken into account to make recommendations to MDT management.	MDT will evaluate the current procedures described in the Winter Maintenance Program and if necessary revise the existing manuals to reduce the potential of pollutants being discharged into the environment and consequently into waterways. The evaluation will be performed during the permit period, and revisions to the manuals will be posted on the MDT intranet. In addition, please see section 3.3.6.7 BMP on vehicle washing that describes MDT's current progress on constructing vehicle wash bays, which correlate with achieving the winter maintenance BMP.
Quantitative Indicators Used and Results	MDT continued to maintain roadways throughout 2017 to ensure safe passage while protecting the environment. MDT will evaluate the BMP to identify a systematic approach to gathering and reviewing the maintenance information.	 MDT Maintenance Division is currently in the process of updating the Maintenance Manual. ESB Management has contributed information to this update. The updates were not finalized in 2017. In 2016, MDT Environmental budgeted funds for use in building wash bays at the Great Falls and Billings maintenance facilities. The Great Falls wash bay was completed in 2017. Construction of the Billings facility is expected to take place in 2018. Facility improvement recommendations gathered throughout 2017 will be evaluated in 2018 to minimize the potential discharge of pollutants through vehicle washing.
Impact On SWMP Effectiveness	Allow for improvements in the program where practicable.	Small changes to these activities will have positive impacts in reducing potential contaminants that could be transported into state waterways.

SWMP Activity or	Recycling Activities	Vehicle Washing
Component Name	BMP-PPGH-06	BMP-PPGH-07
Minimum Control Measure Name (If Applicable)	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
General Permit Condition Item Number (If Applicable)	Ш.В.6	II.B.6
Brief Description of Planned SWMP Action Taken	MDT has several recycling programs in place at the maintenance facilities within the Small MS4s. These programs will continue to be offered.	To evaluate the vehicle wash areas and procedures to minimize discharge of pollutants into surface water.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, Maintenance staff.	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Measurable Goal or Performance Standard Utilized	MDT will continue to recycle and burn the used oil to heat select MDT facilities. MDT will also continue to recycle scrap and unused metal through the recycling companies throughout the permit period. MDT has created SWPPPs that provide guidelines to help make the storage of the recycled materials storm water runoff safe. MDT will be inspecting the facilities on a monthly basis to ensure the recycled materials are being stored in a manner that protects storm water runoff.	MDT will evaluate each maintenance facility for short term improvements (.e.g., sweeping area at the end of the shift) and long term improvement (i.e. a new wash bay). The short term improvements will be implemented as soon as possible, while the long term improvements will require additional planning and funding. In 2013 MDT completed one long term goal of constructing an updated wash bay at the Missoula MDT maintenance facility capable of appropriately disposing of wash water. MDT currently has funding available to hire a consultant in 2014 to design new wash bays for MDT Maintenance facilities in Butte, Great Falls, Billings, and Bozeman. MDT currently plans to construct the new wash bays in Butte in State fiscal year 2014 and in Great Falls and Bozeman in State fiscal year 2015. Additional short term and long term improvements may be implemented and will be tracked for each facility as a measure of this goal during the permit period.
Quantitative Indicators Used and Results	MDT facilities recycled metals and used oils in 2017. FPPP updates, training, and inspections include storage areas for both recycled materials and used oil. MDT facilities were inspected monthly in 2017 with a few exceptions: The May FPPP inspections for FIU, Motor Pool, Helena Equipment Shop and the September FPPP inspections for Aeronautics, FIU, Great Falls, Helena Equipment Shop were not completed due to staff changes.	In 2016, MDT Environmental budgeted funds for use in building wash bays at the Great Falls and Billings maintenance facilities. The Great Falls wash bay was completed in 2017. Construction of the Billings facility is expected to take place in 2018. Short-term and long-term facility improvement recommendations have been documented in an annual FPPP review form and shared with maintenance.
Impact On SWMP Effectiveness	Recycling of motor oil as well as unusable or scrap metal reduces potential pollutant discharges while encouraging the proper disposal of these materials.	Minimizes the potential discharge of pollutants into surface waters.

Appendix O - Summary of Activities and Descriptions of SWMP Effectiveness During Past Year Section O (page 10) – Additional Information Individual Permit: MT 00318444 (Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010) Montana Department of Transportation

SWMP Activity or	Hazardous Waste Handling	Material Management
Component Name	BMP-PPGH-08	BMP-PPGH-09
Minimum Control Measure Name (If Applicable)	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
General Permit Condition Item Number (If Applicable)	II.B.6	II.B.6
Brief Description of Planned SWMP Action Taken	Limit the amount and type of hazardous materials on MDT sites, how and where they are stored, and who has access to them.	MDT will continue to stockpile and store materials, such as oils and deicing materials, in a manner to reduce the likelihood of accidental spills or release hazardous materials into the storm water system.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, Maintenance Staff.	MDT, MS4 Coordinator, DEES, Hazmat section, and Maintenance Staff.
Measurable Goal or Performance Standard Utilized	MDT will continue to ensure that its staff is following the proper procedures when handling and storing hazardous materials, and are well informed of the type and potential dangers associated with each chemical. Material Safety Data Sheets (MSDSs) are available at each facility within the MS4 areas and staff complies with the requirements of the SPCC Plans including monthly site inspections. MDT will evaluate the plans as revised by federal and state regulations. Staff will complete monthly inspection forms. The MS4 Coordinator working with the Hazmat Supervisor, DEES, and FSE will determine if items in the inspection process need to be amended based on data provided in inspection forms. The measurable goal for this BMP will be to maintain MDT's status of conditionally exempt.	MDT will review existing storage procedures to ensure that they are current and effective. Revisions will be posted and employees will be made aware of the changes. This BMP will be measured by the number of spills that are reported within a permit period as required by the SWPPP and SPCC Plans. The main goal is to eliminate spills and have zero reported spills during the permit period. If a spill is reported within a permit period, corrective actions will be taken to remedy the spill and preventive measures will be put into place to prevent the spills from reoccurring.
Quantitative Indicators Used and Results	In 2017, MDT retained the status of conditionally exempt at MDT facilities in MS4 areas.	In 2017, no spills at MDT facilities in MS4 areas triggered the reporting requirements as outlined in either the FPPP or SPCC.
Impact On SWMP Effectiveness	Limits types and amounts of hazardous materials located at MDT facilities.	These practices are measures that help prevent contaminants from entering the storm water system and consequently pollute surface water.

SWMP Activity or Component Name	Storm Drain System Cleaning and Maintenance BMP-PPGH-010	Develop SWPPPs and Updates to SWPPPs BMP-PPGH-11
Minimum Control Measure Name (If Applicable)	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
General Permit Condition Item Number (If Applicable)	П.В.6	II.B.6
Brief Description of Planned SWMP Action Taken	Conduct routine system inspections, cleaning, and maintenance of MDT maintenance facilities, yards, and storm water infrastructure within the MDT right of way.	MDT has developed SWPPPs (FPPPs) for MDT facilities within the Small MS4s. MDT will update with necessary amendments.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, Maintenance staff.	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Measurable Goal or Performance Standard Utilized	MDT will continue the current maintenance program and track the number of inspections, cleanings, and repairs conducted at each maintenance facility as well as continue maintenance conducted on MDT's right of way within the MS4 areas. MDT tracks hours and supplies in the Management System for each MS4 area. MDT will clean and provide maintenance to storm water structures as necessary. The need is determined from the inspections taking place as a regular part of the maintenance department employees' job duties. Other forms of notification can be from the public, city or county employees.	MDT will continue to evaluate and update the SWPPPs as conditions change regarding design, construction, operation, or maintenance at the different facilities. The changes will be recorded in the Amendment Record Log included in each SWPPP. In addition, MDT will continue to train its staff to better understand the implications of contaminating storm water and procedures to reduce the potential of contamination. In 2014 MDT will create SWPPPs, implement, and begin monthly inspections for the following locations: MDT Rest Area, Bozeman, Desmet, Missoula, and Aeronautics Division (York Wye), Helena. In addition, MDT staff will complete the monthly SWPPP inspection forms at the currently existing SWPPP locations. SWPPP inspections will be reviewed and analyzed by the MS4 Coordinator annually for the annual report. The forms, addendums, and training will be the measurable goal for this BMP.
Quantitative Indicators Used and Results	MDT conducted FPPP inspections at MDT facilities within MS4 areas throughout the state This BMP will continue to be evaluated in 2018 to determine a better systematic approach to gather and review information.	All MDT facilities within MS4 boundaries have a FPPP, including the new Bozeman Facility that came online in 2016. These facilities were inspected monthly in 2017 with a few exceptions: The May FPPP inspections for FIU, Motor Pool, Helena Equipment Shop and the September FPPP inspections for Aeronautics, FIU, Great Falls, Helena Equipment Shop were not completed due to staff changes. Additionally, the DEES conducted annual FPPP reviews at facilities located in MS4s. These annual FPPP reviews include a catalog of needed FPPP updates, as well as recommendations for short and long term BMP improvements.
Impact On SWMP Effectiveness	Maintain existing MDT system capacity and improve water quality.	Ensure uniform inspections of all MDT facilities within MS4 areas.

Appendix P

Section P (page 11) – Additional Information

Individual Permit Authorization: MT0031844

(Covers Administratively Extended Permit Authorizations: MTR040001, 40004, 40002, 40005, 40006, 40007, 40009, and 40010)

Montana Department of Transportation

MS4 Areas: Billings, Bozeman, Great Falls, Kalispell, Butte, Missoula, Helena, and Yellowstone County

MDT applied for an MPDES individual MS4 permit in November 2014. To date, this permit has not been issued. Accordingly, one of the main focuses of MDT's MS4 program is to coordinate with DEQ for issuance of a mutually-acceptable individual MS4 permit. Once this permit is issued, MDT will amend the SWMP and associated BMPs to facilitate compliance with any new permit conditions in the MPDES permit and to further aid in MDT's continued improvement in environmental performance specifically related to water quality. Opportunities for improvement that are identified below may be further adjusted once the MPDES permit is issued.

SWMP Activity or	Printed Media BMP-PEO-01	Web Sites and Social Media Sites BMP-PEO-02	Public Events BMP-PEO-03
Component Name Minimum Control Measure Name (If Applicable) General Permit Condition Item Number (If	Public Education and Outreach on Storm Water Impacts II.B.1	Public Education and Outreach on Storm Water Impacts II.B.1	Public Education and Outreach on Storm Water Impacts II.B.1
Applicable) Brief Description of Planned SWMP Action Taken Responsible Agency,	Make printed media available to the public. MDT, MS4 Coordinator, Public Info	Post storm water specific information on MDT online sources including MDT Intranet (for MDT employees), MDT internet (for roadway users), and Facebook (for roadway users). MDT, MS4 Coordinator.	To reach target audiences by providing or sponsoring presentations in schools and universities, conferences, retirement communities, civic clubs, libraries, businesses, and association meetings. MDT, MS4 Coordinator, Public Info
Department, or Organization; and Person or Position	Officer, DEES.		Officer, DEES.
Measurable Goal or Performance Standard Utilized	MDT will track, in a spreadsheet, the printed media types that were generated, the number of brochures, pamphlets, and other printed media distributed as well as the dates and locations where the printed media was handed out. At the end of the permit period, the MS4 Coordinator will compile the information recorded. MDT will distribute 5% more printed educational material than the prior year. A MS4 related article will post once a year in MDT's Rail, Transit & Planning Division newsletter the 'Newsline'.	This BMP will be measured by several means. First, the amount of feedback received from the Montana MS4 website, which has a link to allow comments to be emailed to MDT. The MDT MS4 Coordinator will post at least four status updates related to storm water, water quality, and other MS4 issues on the MDT social media site (Facebook) each year. This BMP will be measured by the number of subscribers to the MDT site and by the "likes" and "comments" associated with the posts. This BMP will also be measured by the continued development of the MDT internal MS4 website during the year 2014.	MDT's Statewide MS4 Coordinator will participate in at least one public event each year to promote the Statewide MDT MS4 Program. In addition, the DEES will attend at least one public event each year to promote the storm water management program efforts in each MS4 area. Events may include storm water conferences, Storm Water Awareness Week, Montana State Fair, local Science Fairs, Earth Day, educational booths and presentations at schools and universities. MDT will track the number of events attended by MDT personnel, the date and location of events, and if possible, the number of event participants. The information will be compiled at the end of the permit period to determine its effectiveness for educating the public.
Opportunity for Improvement	- As noted in previous annual reports and continuing in 2018, MDT is focusing less on printed material and more on social media interactions. MDT is also eliminating the annual 'Newsline' articles. -Printed materials are available at MDT headquarters and District Offices throughout the state as well as from the DEES.	-Additional Facebook posts will be developed specific to IDDE and winter maintenance practices. -The intranet page will be updated to include additional storm water resources, including training presentations, results of previous audit reports, catalog of previous Facebook posts, etc.	-MDT is striving for higher efficiency in MS4 outreach and education efforts by streamlining MS4-related messages to audiences that have an impact on MDT stormwater quality in MS4 areas, such MDT staff, contractors, developers, and transient roadway users.

SWMP Activity or	Guidance Manuals and	Guidance Manuals and	Public Forums BMP-PPI-01
Component Name	Educational Materials	Educational Materials BMP-	
	BMP-PEO-04.1	PEO-04.2	
Minimum Control	Public Education and	Public Education and	Public Involvement/
Measure Name (If	Outreach on Storm	Outreach on Storm	Participation
Applicable)	Water Impacts	Water Impacts	1
General Permit Condition Item Number (If	II.B.1	II.B.1	II.B.2
Applicable) Brief Description of	Make a variaty of	Work with the MDT	Provide the public the
Planned SWMP	Make a variety of guidance manuals and	Librarian to create a	Provide the public the opportunity to comment on
Action Taken	educational materials	collection of stormwater	storm water concerns through
	accessible through the	materials available for	project public meetings, public
	MDT website.	education and training.	notices, NEPA/MEPA process,
	WIDT website.	concation and training.	and corridor study process.
Responsible	MDT, MS4 Coordinator,	MDT, MS4 Coordinator.	MDT, MS4 Coordinator,
Agency,	DEES.		DEES, public information
Department, or			personnel.
Organization; and Person or Position			personnen.
Measurable Goal or	In 2014 a link will be	The second measurable goal	Compliance with NEPA and
Performance	added to the Montana	will be completed by the MS4	MEPA is confirmed through
Standard Utilized	MS4 website	Coordinator. This measurable	audits. The results of these
	(http://montanaMS4.com)	goal is to work with the MDT	audits will be used to track this
	to take the user to MDT's	librarian once per year to	BMP throughout the permit
	guidance and educational	review MDT's educational	period.
	manuals. The first	materials related to storm	F
	measurable goal will be to	water. This review will	
	perform an annual review	consist of verifying that the	
	by the MS4 Coordinator	materials available at the	
	of the internal and	MDT library are accurate,	
	external MDT websites to	adequate, and up to date. New	
	verify that the links to the	materials will then be	
	reference materials are	acquired as needed and	
	accurate and up to date.	allowed by budgetary	
	L	constraints.	
Opportunity for	-MDT will focus efforts	-MDT will continue progress	- MDT will continue progress
Improvement	on maintaining and	on this control measure.	on this control measure and
	updating the MDT MS4		will focus on communication
	Intranet page, Stormwater		through existing electronic
	Internet page, and		media such as the MDT
	Facebook presence.		Facebook page.

or Component Name Events BMP-PFI-02 BMP-PFI-03 Minimum Control Applicable) Parblic Involvement/ Participation BMP-PFI-03 Illicit Discharge Detection and Elimination (IDDE) Applicable) Condition Item Number (II Parblic Involvement/ Participation Illib.2 Illib.3 Sinder Description of Planned SWMP Action Taken Alog: A-Highway is accentrate to provide clean up services for a section of highway. The public can provide feedback using several different methods. MDT stil addess this feedback. and incorporate the feedback where appropriate. A statewide effort to map MDT's storm water system. Preson or Position regram manager, DS4 Coordinator. MDT, MS4 Coordinator, and other MDT state applicable. MDT, MS4 Coordinator, and other MDT state applicable. MDT, MS4 Coordinator, and other MDT state applicable. Measurable Goal or Performance Standard Uillized MDT will continue to offer the Adopt-4- Highway (AAH) program mines adopted. Head Apt- ter ad section to see who adoptee is and how many mines adopted. The AAH compliance tracking will be able to to see who adoptee is and how many mines adopted. The AAH compliance tracking will be able to to see who adoptee is and how many mines adopted. The AAH compliance tracking will be adopted them, and how often trash pickup is occurring. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure. Opportimity for Improvement -MDT will review the corrent AAH tracking to identify any improvem				
Name Public Involvement/ Public Involvement/ Minimum Control Public Involvement/ Public Involvement/ Illicit Discharge Detection and Elimination (IDDE) General Permit ILB.2 ILB.2 ILB.3 Condition Itm Momber (If Applicable) Adopt-A-Highway is statewide program administered by MDT The public can provide feedback using several different methods. MDT will address this feedback where appropriate. A statewide effort to map MDT's storm water system. Responsible Agency, Department, or Organization; and Person or Position MDT, Adopt-A-Highway program manager, M34 MDT, M34 Coordinator, and other MDT's social media sites, the MDT's social media sites, the Highway (AHI) program. manager to assite in the 2016 faunching of new interactive online to cordinator. On MDT's social media sites, the MDT' will continue to solicit indechared test of the adopt-a-Highway program manager to assite in the 2016 faunching of new interactive online work of the amount, and there of cordinator will se astroate comments, program manager to assite in the 2016 faunching of new interactive online work of the amount, and type of feedback received. The Statewide MS4 Coordinator is a accurate as possible. MDT will continue to collect media with as the received to available sources. The Standard Utilized MDT will continue to solicit infracture improvements, a work available comments, program manager to assite interaction stile evaluations. The MS4 Coordinator will use and neceivations. In addition, MDA haps height control the program solice infracture improgram con an asthere and control is an accurate as possible.	SWMP Activity	Clean-up and Volunteer	Feedback	Storm Water System Mapping BMP-IDDE-01
Minimum Control Public Involvement/ Participation Public Involvement/ Participation Illicit Discharge Detection and Elimination (DDE) Reserve Name (II) Participation II.B.2 II.B.2 II.B.3 Condition Item Number (If Applicable) Adopt-A-Highway is statewide program administered by MDT where volumeers sign a contract to provide clean up services for a section of highway. The public can provide feedback using several different methods. MDT will address this feedback and incorporate the feedback where appropriate. A statewide effort to map MDT's storm water system. Person Prosition MDT, Adopt-A-Highway in MDT will continue to offer the Adopt-A-Highway program manager to assitis in the 2016 faunching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and own analy to solicit infore adopted. The AAH received the Adopt-a-Highway program manager to assitis in the 2016 faunching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how often trach pickup is courting. On MDT's social media sites, the MS4 Coordinator will add site, the MS4 Coordinator will neak the update data storm water system interactive online webpage that allows user to click on an adopted road section to see who adoptee is an owner water sort click on an adopted road section to see who adoptee is an owner water sociection to see who adoptee is an owner water sociection to see who adoptee is and how often trach pickup is occurring. -MDT will continue progress on this control measure. Opportunity for Improvement. -MDT will continue progress o	-	Events BMP-PPI-02	BMP-PPI-03	
Measure Name (If Participation Participation (IDDE) General Permit Condition Item Number (If II.B.2 II.B.2 II.B.2 II.B.2 Brid Description of Planned SWMP Action Adopt A-Highway is administered by MDT The public can provide feedback using several different methods. MDT will address this feedback where appropriate. A statewide effort to map MDT's storm water system. Responsible Agency, Department, or Organization; and of Performance MDT. Adopt A-Highway program manager, MS4 Coordinator. MDT. MS4 Coordinator, and other MDT Staff as applicable. MDT, MS4 Coordinator, DEES. Person or Position MDT will continue to offer the Adopt-a- Highway, correct part or assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptete is and how roffer trash alchesus error to click on an adopted road section to see who adoptete is and own maker adopted, then, AAH coordinator will revalue the BMPS progress based on the mount and type of feedback acceived. MDT will adoits and person an annuab basis and will make the upon request. These small MS4 is the section to receiver Van available in electronic format information on a section basis and person in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptete is and own make receiver Van available contine is 2014. MDT will solici information on a section basis if these two items have changed. Thas being undated and personal interactions. The MS4 Coordinator will use the reposts are adopted, who ha adoptete and hokwatopi ecurring.				
Applicable) II.B.2 Condition Item Number (If Applicable) II.B.2 II.B.2 Brief Description of Planned Adopt-A-Highway is statewide program administered by MDT where volumeers sign a contract to provide clean up services for a section highway. The public can provide feedback using several different methods. and incorport the feedback where apportate. A statewide effort to map MDT's storm water system. Responsible Person or Position MDT, Adopt-A-Highway program manager to assiti in the 2016 hunching of mew interactive online webpage that allows user to click can a adopted road spetch. On MDT's social media sites, the MSE Coordinator will make the MSE Coordinator will make the most continue to solicit feedback through work group discussions, website comments, program manager to assite in the 2016 hunching of new interactive online webpage that allows user to click can a adopted road spetci an daopted road spetci an adopted. The Adopt-A-Highway program manager to assite in the 2016 hunching of new interactive online webpage that allows user to click can a adopted road spetci an adopted road spetci an adopted. The Adopt-A-Highway project in naadper to site click on an adopted road spetci an adopted road spetci an adopted. The Adopt-A-Highway project in manager to assite to click can a adopted. The 2016 hunching of new interactive online webpage that allows user to click can adopted road spetci an adopted. The Adopt-A-Highway project information with co-permitece activities. In addition, BMPS programs based on the SMB MS boundaries has dorpted them, and how offen trach pickup is occurring. On MDT's slote there and orbitis in adopted them, and how offen trach pickup is occurring. -MDT will continue progress on an as needed b				
General Permit Number (If Applicable) ILB.2 ILB.2 ILB.2 Number (If Applicable) Adopt-A-Highway is statewide program administered by MDT The public can provide feedback using several different methods. MDT will address this feedback appropriate. A statewide effort to map MDT's storm water system. SWMP Action Taken MDT, Adopt-A-Highway program manager, MS4 Coordinator. The public can provide feedback and incorporate the feedback where appropriate. A statewide effort to map MDT's storm water system. Responsible Agency, Drganization; events and Person or Position MDT will continue to offer the Adopt-a- Highway (AAH) program MDT's social media sites, the discussions, website comments, in the 2016 launching of new interactive online webgage that allow suer rodick on an adopted road section to see who adoptee is and how offer trask optedHighway program manager to assid in the sadopted. The AAdpt- discussions, website comments, miles adopted. The AAdpt- cordinator to to see who adoptee is and how offer trask pickup is occurring. On MDT's social media sites, the MST with continue to offer the Adopt-a- Highway (AAH) program males adopted. The AAdpt- road section to see who adoptee is and how offer trask pickup is occurring. On MDT is social media sites, the MST with continue to offer the Adopt-a- Highway (AAH) program males adopted. The AAdpt- cordinator will use a spreadsheet to keep track of the amount, and type of feedback received to a available social interactions, and personal interactions. The statewide MS4 Coordinator will use a spreadsheet to keep track of the amount, and type of feedback received to available basois to nereaset the amount of feedback and public i		Participation	Participation	(IDDE)
Condition Item Applicable) Number (If Applicable) Adopt-A-Highway is statewide program administered by MDT where voluntenes sign a up services for a section of highway. The public can provide feedback using several different methods. MDT will address this feedback where appropriate. A statewide effort to map MDT's storm water system. Responsible MDT, Adopt-A-Highway program manager, MS4 Coordinator. MDT, MS4 Coordinator, and other MDT staff as applicable. MDT, MS4 Coordinator, and other MDT staff as applicable. MDT, MS4 Coordinator, DEES. Responsible MDT will continue to offer the Adopt-a- Highway (AAH) program. MDT's social media sites, the Highway (AAH) program. MDT is to work with the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted noad sopted. The Adapt eradopted the adopted road section to see who adopted: is and how after the section to see who adopted them, and how after the steriors of new interactive online webpage that allows user to click on an adopted. The sterior to the set mot which sections of which sections of which sections of which sections of which sections of which sections of which sections of courting. MDT will review the feedback received. The MS4 Coordinator will use a spreadsheet to keep track of the amount, add the received via available sources. The MS4 Coordinator will use as freadback and personal interactions. The MS4 coordinator will use as show the winformation is as accurate as possible. MDT will review the feedback received. The AdH MS4 Coordinator will use as the section on a as need basis to information on a sark wethe tay miles and ensuitas the changer. AdM Haw basis if these two items have changed. This BMP's success will be based on thesmal		нр 2	ир 2	ир 2
Number (If Applicable)Image: Standard UtilizedAdopt-A-Highway is statewide program administered by MDT where volunteers sign a contract to provide clean up services for a section of highway.The public can provide feedback using several different methods. MDT will address this feedback appropriate.A statewide effort to map MDT's storm water system.Responsible Agency, Department, or Organization; and Person or PositionMDT, Adopt-A-Highway program manager, MS4 Coordinator.MDT, MS4 Coordinator, and other MDT will continue to offer the Adopt-a- Highway (AAH) program. MDT will continue to offer the Adopt-a- Highway (AAH) program. MDT will continue to offer the Adopt-a- Highway (AAH) program. MDT will continue to solicit in the 2016 launching of new interactive online webpage that allows user to cick on an adopted read section to see who adoptee: Is and how often then, and how, often then, and how often then, and ho		П.В.2	II.B.2	П.В.3
Applicable) Image: Contract of Planned and initistered by MDT will address this feedback using several different methods. MDT will address this feedback using several different methods. MDT will address this feedback and incorporate the feedback where appropriate. A statewide effort to map MDT's storm water system. SWNIP Action MDT, Adopt-A-Highway in appropriate. MDT, MS4 Coordinator, and other MDT staff as applicable. A statewide effort to map MDT's storm water system. Responsible MDT, Adopt-A-Highway in appropriate. MDT, MS4 Coordinator, and other MDT staff as applicable. MDT, MS4 Coordinator, DEES. Responsible MDT will continue to offer the Adopt-a-Highway in the Adopt				
Brief Description of Planned SWMP Action TakenAdopt-A-Highway is statewide program administered by MDT where volunteers sign a contract to provide clean up services for a section of highway.The public can provide feedback and incorporate the feedback man incorporate the feedback and incorporate the feedback approprime. MDT Will address this feedback and incorporate the feedback map services for a section of highway.A statewide effort to map MDT's storm water system.Responsible Agency, Department, or Organization; and Performane Standard UtilizedMDT Will continue to offer the Adopt-a- Highway (AAH) program MDT's corrent goal field the Adopt-a-Highway program manager to assist in the 2016 launching of new inferactive online webpage that allows user to click on an adopted to adopted. The AAH compliance tracking will be olice them, and how ofien trash pickup is occurring.MDT will continue to free the AAH coordinator will use a spreadsheet to keep track of the amount, and the Coordinator will use the feedback received to an analabel sciences. The Sate Which sections of road ways by reference ports are adopted, who has adopted them, and how ofien trash pickup is occurring.MDT will continue to freedback received to an an as needed basis to increase the amount of feedback received to assist increase the amount of				
of Planned administered by MDT Taken statewide program administered by MDT where volunteers sign a contract to provide clean up services for a section MDT will address this feedback and incorporate the feedback where appropriate. system. Responsible Agency, Department, or Organization; and Person or Position MDT / Adopt-A-Highway program manager, MS4 Coordinator. MDT, MS4 Coordinator, and other MDT staff as applicable. MDT, MS4 Coordinator, DEES. Norganization; and Person or Position MDT will continue to offer the Adopt-a- Highway (AAH) program. MDT's current goal for this BMP is to work with the Adopt-a-Highway program manager to assist in the 2016 launching of eve interactive online webpage that allows user to click on an adopted road section to see who adoptee to is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring. On DT's social media sites, the MS4 Coordinator will wate the gend releaback through work group surveys, public comments, project. The data the information is as accurate as possible. MDT will allows hare new project information which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring. On MDT's will continue to see the amount and type of feedback and public interaction received. Nd 4 Coordinator will use the feedback received to areate public interaction received. The Stale woile amanager mapped interaction will use the feedback received to areate may and the Small MS4 maps being updated with new information, and 25% of inless being mapped in 2014. Over the Small MS4 buondaries based on ity limit changes and einters, out inters, and public interactio		Adopt A Highway is	The public can provide feedback	A statewide effort to man MDT's storm water
SWMP Action Taken administered by MDT where volunteers sign a contract to provide clean up services for a section of highway. MDT will address this feedback appropriate. MDT, MS4 Coordinator, and other appropriate. MDT, MS4 Coordinator, DEES. Responsible Agency, Department, or Organization; and Person or Position MDT Will continue to ffer the Adopt-a- fighway. MDT Staff as applicable. MDT, MS4 Coordinator, and other MDT's social media sites, the MS4 Coordinator will make at least four announcements per year. MDT's current gal for the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring. On MDT's work with the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adapted to keep track of the amount, and the able to keep track of the amount, and type of feedback received via available sources. The MS4 Coordinator will use the feedback received to create updates information on a yearly basis if these two items have changed. This BMP's success will be based on city limit twise the Small MS4 maps being updated with new information, and 25% of feedback received via available sources. The MS4 Coordinator will use the feedback received to create updates information a yearly basis if these two items have changed. This BMP's success will be based on city limit the small MS4 maps being updated with new information, and 25% of feedback received via available control in coustrol inacreas where new information, and 25% of indets being map				-
Takenwhere volunteers sign a contract to provide clean up services for a section of highway.and incorporate the feedback where appropriate.Responsible Agency, Department, or Organization; and Person or PositionMDT, Adopt-A-Highway program manager, MS4 Coordinator.MDT, MS4 Coordinator, and other MDT Staff as applicable.MDT, MS4 Coordinator, DEES.Measurable Goal websateMDT will continue to offer the Adopt-a- Highway program manager to assis in the 2016 launching vebsate to click on an adopted road section to see who adopted them, and other webpage that allows user to click on an adopted road asction to see who adopted them, and hype offeedback received. The MS4 Coordinator will estimation is as accurate as possible coordinator will use the feedback through work group discussions, website comments per year. to click on an adopted road section to see who adopted them, and hype program manager to assis in the 2016 launching be prosonal interactions. The MS4 Coordinator will use a spreadsheet to keep track of which sections of madage that allows user to click on an adopted road ways by reference posts are adopted, who has adopted them, and hype offeedback received. The MS4 Coordinator will use the feedback received or the amount, and type offeedback received or the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received or the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received or the amount and type of feedback received via available sources. The MS4 coordinator will use the feedback received or the some web received. The MS4 coordinator will use the feedback received oreceived. The MS4 c				system.
contract to provide clean up services for a section of highway.appropriate.Responsible Agency, Department, or Organization; and Person or PositionMDT, Adopt-A-Highway program manager, MS4 Coordinator.MDT. MS4 Coordinator, and other MDT's social media sites, the MDT's social media sites, the MS4 Coordinator will make at least four announcements per year. MDT is to work with the Adopt-a-Highway program manager to survey again for the 2016 launching of new interactive online webpage that allows user to click on an adopted road scotion to see who adopted. The AH program site adopted. The AH program site adopted. The AH program anager to solicit reads scotion to see who with the Adopt-a-Highway program manager to solicit or see who adopted. The AH program manager to solicit or set click on an adopted road scotion to see who with set click on an adopted to click on an adopted to click with require valuations, surveys, public comment periods, adopte is and how many miles adopted. The AH program and ager to adopted. The AH program an adopted to the kat or posts are adopted, who has adopted them, and how often trash pickup is occurring.OMDT will review the cordinator will evaluate the to feedback received. The MS4 Coordinator will use the received via available sources. The <th></th> <th></th> <th></th> <th></th>				
up services for a section of highway. MDT. Adopt-A-Highway program manager, MS4 Coordinator. MDT, MS4 Coordinator, and other MDT Staff as applicable. MDT, MS4 Coordinator, DEES. Person or Position MDT will continue to offer the Adopt-a- Highway (AAH) program. On MDT's social media sites, the MS4 Coordinator will make at least four announcements per year. The statewide MS4 Coordinator will continue to update each Small MS4 storm water system map on an annual basis and will make the updated maps available in electronic format the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopte to see who adopte is and how many miles adopted. The Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopte who adopte is and how many miles adopted. The Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopte do the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopte do the Adopter is and how many miles adopted. The Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopte do the service of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring. On MDT's sectian to the storm water roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring. -MDT will continue progress on this control measure. Opportunity for Improvement. -MDT will continue progress on this control measure. -MDT wi	Tuken			
highway. MDT, Adopt-A-Highway program manager, MS4 Coordinator. MDT, MS4 Coordinator, and other MDT Staff as applicable. MDT, MS4 Coordinator, DEES. Organization: and Person or Position MDT will continue to offer the Adopt-a- Highway (AAH) program. MDT staff as applicable. The statewide MS4 Coordinator will continue to update each Small MS4 storm water system map available in electronic format updated maps available in electronic format in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of ene vinteractive online sea adopted, who has adopted them, and how often trash pickup is occurring. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure. Opportunity for Improvement -MDT will review th current AAH tracking to improvements. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure.		up services for a section of	appropriate.	
Responsible Agency, Department, or Organization; and Person or Position MDT, Adopt-A-Highway program manager, MS4 Cordinator. MDT, MS4 Coordinator, and other MDT Staff as applicable. MDT, MS4 Coordinator, DEES. Measurable Goal or Performance Standard Utilized MDT will continue to offer the Adopt-a- Highway (AAH) program. MDT's corrent goal for this BMP is to work with the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted thash pickup is occurring. On MDT's social media sites, the MS4 Coordinator will make at least four announcements per year. MDT will continue to solicit feedback through work group diles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted thash pickup is occurring. On MDT's social media sites, the MS4 Coordinator will sea the adopted the AIH BMPs programs being update adopted then, and how offen trash pickup is occurring. On MDT will continue to soft four any on an an seeded basis to increase the amount of feedback and public interaction received. MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an a needed basis to increase the amount of feedback and public interaction received. -MDT will continue progress on this socurring. Opportunity for Improvements. -MDT will continue progress on this control measure. -MDT will collect and map our inlets, or weaks, and other system constituents under MDT control through a term contract begin in 2016 to map all MDT outfalls within each MS4 <th></th> <th></th> <th></th> <th></th>				
Agency, Department, or Organization; and Person or Positionprogram manager, MS4 Coordinator.MDT Staff as applicable.Measurable Goal or Performance Standard UtilizedMDT will continue to offer the Adopt-a- Highway (AAH) program. MDT s current goal for this BMP is to work with the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptete is and how many miles adopted. The AAH Compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.On MDT Staff as applicable.The statewide MS4 Coordinator will continue to update each Small MS4 storm water system map on an annual basis and will make the updated maps available in electronic format upon request. These Small MS4 maps will be available online in 2014. MDT will solicit information from cities and countes to ensure to keep track of the amount, and type of feedback received. The MS4 Coordinator will use a spreadsheet to keep track of the amount and type of feedback received to received via available sources. The MS4 Coordinator will use an sneeded basis to adopted them, and how often trash pickup is occurring.MDT will revise the samount of feedback received via available sources. The MS4 Coordinator received.Opportunity for ImprovementMDT will review the current AAH tracking to improvementsMDT will continue progress on this control measure.Opportunity for ImprovementsMDT will continue progress on this control measureMDT will continue progress on this control measure.O	Responsible		MDT, MS4 Coordinator. and other	MDT, MS4 Coordinator, DEES.
Department, or Organization; and Person or Position Coordinator. Coordinator. Measurable Goal or Performance Standard Utilized MDT will continue to this BMP is to work with the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adopted is and how often trash pickup is occurring. On MDT's social media sites, the MS4 Coordinator will make at least four announcements per year. MDT will continue to solicit edback through work group discussions, website comments, phone calls, written e-mails or letters, training evaluations, surveys, public comment periods, and personal interactions. The MS4 Coordinator will use a spreadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will use a spreadsheet to keep track of the amount and type of feedback received. The MS4 Coordinator will use ta spreass based on the adopted them, and how often trash pickup is occurring. MDT will also share new project information with co-permittees upon request. Updates include areas of new development or infrastructure improvements, as well as those areas where new information becomes available to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring. -MDT will revise the Small MS4 maps being updated with co-permittees update and revisions to the storm water program on an a needed back and public interaction received. -MDT will continue progress on this control measure. Opportunity for Improvements. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure. <th></th> <th></th> <th></th> <th>,</th>				,
Organization; and Person or PositionMDT will continue to offer the Adopt-a- Highway (AAH) program. MDT's current goal for this BMP is to work with the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.On MDT's social media sites, the MS4 Coordinator will make at least four announcements per year. MDT will continue to solicit feedback through work group discussions, website comments, nohoe calls, written e-mails or letters, training evaluations, surveys, public comment periods, and personal interactions. The MS4 Coordinator will use a spreadsheet type of feedback received. The MS4 Coordinator will use the feedback received. The MS4 Coordinator will use the feedback received via available sources. The MS4 Coordinator will use the feedback received via available sources. The MS4 Coordinator will use the feedback received or erate updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.The statewide MS4 Coordinator will evaluate the show down and public interaction received.Opportunity for Improvement-MDT will review the current AAH tracking to improvementsMDT will continue progress on this control measureMDT will continue progress on this control measureMDT will continue progress on this control measure.Opportunity for ImprovementsMDT will continue progress on this con	Department, or			
Person or Position Image: Moment of the sections of the Adopt-a-Highway (AAH) program. MDT's current goal for this BMP is to work with the Adopt-a-Highway program manager to assist, in the 2016 launching of new interactive online webpage that allows used to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of the amount, and type of feedback received. The MS4 Coordinator will use as preadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will use as preadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will use as preadsheet to cheep track of the amount, and type of feedback received. The MS4 Coordinator will use as preadsheet to keep track of the amount, and type of feedback received. The Statewide MS4 Coordinator will use as preadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will use as preadsheet to keep track of the amount and type of feedback received. The MS4 Coordinator will use as preadsheet to keep track of the amount and type of feedback received. MDT will revise the Small MS4 boundaries based on the amount and type of feedback received. Opportunity for Improvement -MDT will continue progress on this control measure. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure. Opportunity for Improvements. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure. -MDT will continue progress on this control measure.	Organization; and			
or Performance Standard Utilizedoffer the Adopt-a- Highway (AAH) program. Highway (AAH) program. His BMP is to work with the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adopte is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.MS4 Coordinator will make at least four announcements per year. MDT will continue to solicit feedback through work group discussions, website comments, surveys, public comment periods, surveys, public comment periods, adopte to and how often trash pickup is occurring.MS4 Coordinator will make at least four announcements per year. Interactive online tectors formation or MS4 Coordinator will use a spreadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will evaluate the feedback received. The MS4 Coordinator will use the feedback received to a crate update and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.to update ach Small MS4 storm water system map on an annual basis and will make the least four announcements per year. Interactive online with the Adopt-a-Highway adopted them, and how often trash pickup is occurring.MS4 Coordinator will use the feedback received to a crate updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.to update ach Small MS4 storm water system map on an annual basis and will make at least adopted them, a	Person or Position			
Standard UtilizedHighway (AAH) program. MDT's current goal for the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadsways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.least four announcements per year. MDT will continue to solicit information from cities and counties to ensure that the information is as accurate as possible. MDT will also share new project information with co-permittees upon request. Updates information becomes available to keep track of the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received.map on an annual basis and will make the updated maps available in electronic format upno request. Updates information from cities and counties to ensure that the information is as accurate as possible. MDT will also share new project information with esclons of modified to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.least four announcements per year. MDT will continue progress on the 2016 to reade updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.map on an annual basis and will make the updated maps available in electronic format that the informations, with esclons of modified them, and how often trash pickup is occurring.Opportunity for Improvement-MDT will continue progress on this contro	Measurable Goal	MDT will continue to	On MDT's social media sites, the	The statewide MS4 Coordinator will continue
MDT's current goal for this BMP is to work with the Adopt-a-flighway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.MDT will continue to solicit feedback through work group multice comments, written e-mails or letters, training evaluations, surveys, public comment periods, and personal interactions. The MS4 Coordinator will use a spreadshee to keep track of the amount, and type of feedback received. The MS4 Coordinator will evaluate the BMPs progress based on the and public interaction received.updated maps available in electronic format upon request. These Small MS4 maps will be nutres to click on an adopted to keep track of the amount, and type of feedback received. The MS4 Coordinator will use atter to suble to came to the amount and type of feedback received via available sources. The MS4 coordinator will use the feedback received. The share changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will continue progress on this control measure.Opportunity for Improvement-MDT will continue progress on this control measureMDT will continue progress on this control measureMDT will continue progress on this control measure.Optiontunity for ImprovementsMDT will continue progress on this control measureMDT will continue progress on this control measure. <th>or Performance</th> <th>offer the Adopt-a-</th> <th>MS4 Coordinator will make at</th> <th>to update each Small MS4 storm water system</th>	or Performance	offer the Adopt-a-	MS4 Coordinator will make at	to update each Small MS4 storm water system
this BMP is to work with the Adopt-a-Highway program manager to asist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.feedback through work group the deback mediation from cities and counties to ensure that the information from cities and counties to ensure that the information is as accurate as possible. MDT will also share new project information with co-permittees upon request. Updates include areas of new development or infrastructure improvements, as well as those areas where new information becomes available during maintenance activities. In addition, MDT will revise the Small MS4 maps will be available online in 2014. MDT will also share new project information with co-permittees upon request. Updates include areas of new development or infrastructure improvements, as well as those areas where new information becomes available during maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on the manout and type of feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.upon request. These Small MS4 maps will be available online in 2014. MDT will contense and audition from cities and counters information and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other system constituents under MDT control through a term construct begun in 2016<	Standard Utilized	Highway (AAH) program.	least four announcements per year.	
the Adopt-a-Highway program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted the trash pickup is occurring.discussions, website comments, miles adopted, who has adopted the trash pickup is occurring.available online in 2014. MDT will solicit information from cities and counties to ensure that the information is as accurate as possible. MDT will also share new project information with co-permittees upon request. Updates include areas of new development or infrastructure improvements, as well as those areas where new information becomes available during maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will continue progress on this control measureMDT will continue progress on this control measure. -MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measureMDT will continue progress on this control measure.Opportunity for improvementsMDT will continue progress on this control measureMDT will continue progress on this control measureMDT will continue progress on this control measure.Opientify any improvementsMDT will continue contract begun in 2016 to map all MDT outf				
program manager to assist in the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, them, and topeot terms, and poted is and personal interaction received.information from cities and counties to ensure that the information is as accurate as possible. MDT will also share new project information with co-permittees upon request. Updates include areas of new development or infrastructure improvements, as well as those areas where new information becomes available during maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measureMDT will continue progress on this control measure.Opportunity for ImprovementsMDT will continue progress on this control measureMDT will continue progress on this control measureMDT will continue progress on this control measure.				
In the 2016 launching of new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.Ietters, training evaluations, surveys, public comment periods, and personal interactions. The MS4 Coordinator will use a spreadsheet to keep track of the amount, and 				
new interactive online webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.surveys, public comment periods, and personal interactions. The MS4 to keep track of the amount, and taye of feedback received. The MS4 Coordinator will evaluate the BMPs progress based on the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.MDT will also share new project information with co-permittees upon request. Updates infrastructure improvements.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measureMDT will continue progress on this control measureMDT will continue progress on this control measure.				
webpage that allows user to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.and personal interactions. The MS4 Coordinator will use a spreadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will evaluate the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.with co-permittees upon request. Updates include areas of new development or infrastructure improvements, as well as those areas where new information becomes available during maintenance activities. In addition, MDT will revises the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.Opto turnet AAH tracking to identify any improvements MDT will continue progress on this control measure MDT will continue progress on this control 				
to click on an adopted road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.Coordinator will use a spreadsheet to keep track of the amount, and type of feedback received. The MS4 Coordinator will vealuate the BMPs progress based on the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.include areas of new development or infrastructure improvements, as well as those areas where new information becomes available during maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.Opportunity for ImprovementsMDT will continue progress on this control measure MDT will continue progress on this control measure.Option time and the system constituents under MDT control through a term contract begun in 2016 to map all MDT outf				
road section to see who adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.to keep track of which sections of received via available sources. The MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.infrastructure improvements, as well as those areas where new information becomes available during maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measureMDT will continue progress on this control measureMDT will continue model measure.				
adoptee is and how many miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.type of feedback received. The MS4 Coordinator will evaluate the BMPs progress based on the amount and type of feedback received via available sources. The feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.areas where new information becomes available during maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will continue progress on this control measure MDT will continue progress on this control measure MDT will continue progress on this control measure.				
miles adopted. The AAH compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted them, and how often trash pickup is occurring.MS4 Coordinator will evaluate the BMPs progress based on the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.during maintenance activities. In addition, MDT will revise the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure MDT will continue progress on this control measure.				
compliance tracking will be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.BMPs progress based on the amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.MDT will revise the Small MS4 boundaries based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will continue progress on this control measure MDT will continue progress on this control measure MDT will continue progress on this control measure.Opportunity for ImprovementsMDT will continue progress on this control measure MDT will continue progress on this control measure MDT will continue progress on this control measure.				
be able to keep track of which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.amount and type of feedback received via available sources. The MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.based on city limit changes and census information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measureMDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4				
which sections of roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.received via available sources. The MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.information on a yearly basis if these two items have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water con veyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.•MDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4				
roadways by reference posts are adopted, who has adopted them, and how often trash pickup is occurring.MS4 Coordinator will use the feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.have changed. This BMP's success will be based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.Option the start identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.				
posts are adopted, who has adopted them, and how often trash pickup is occurring.feedback received to create updates and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.based on the Small MS4 maps being updated with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measureMDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4				
adopted them, and how often trash pickup is occurring.and revisions to the storm water program on an as needed basis to increase the amount of feedback and public interaction received.with new information, and 25% of inlets being mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measureMDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4				
often trash pickup is occurring.program on an as needed basis to increase the amount of feedback and public interaction received.mapped in 2014. Over the permit cycle starting in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.				
occurring.increase the amount of feedback and public interaction received.in 2015 MDT will collect and map our inlets, open channels, and subsurface conduits/pipes, dry wells, and other similar storm water conveyances.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.				
Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measure.				
Opportunity for Improvement -MDT will review the current AAH tracking to identify any improvements. -MDT will continue progress on this control measure. - MDT will continue progress on this control measure. -MDT will continue progress on this control measure. - MDT will continue progress on this control measure. - MDT will continue progress on this control measure.		seearing.		
Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on measureMDT will continue progress on this control measure MDT will continue progress on this control measure MDT will continue progress on this control measure.			Pueste Interaction received.	
Opportunity for Improvement-MDT will review the current AAH tracking to identify any improvementsMDT will continue progress on this control measure MDT will continue progress on this control measureMDT will continue progress on this control measure MDT will continue progress on this control measure MDT will continue progress on this control measureMDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4				
Improvementcurrent AAH tracking to identify any improvements.this control measure.measureMDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4				-
Improvement current AAH tracking to identify any improvements. this control measure. measure. -MDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4	Opportunity for	-MDT will review the	-MDT will continue progress on	- MDT will continue progress on this control
identify any improvementsMDT is focusing on identifying inlets, outlets and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4	Improvement	current AAH tracking to	· •	
improvements. and other system constituents under MDT control through a term contract begun in 2016 to map all MDT outfalls within each MS4	•			
control through a term contract begun in 2016 to map all MDT outfalls within each MS4				
to map all MDT outfalls within each MS4		-		
				to map all MDT outfalls within each MS4
statewide.				statewide.

SWMP Activity or Component Name	Dry Weather Screening BMP-IDDE-02	Storm Water Ordinances BMP-IDDE-03	Public Education on IDDE BMP-IDDE-04
••••• F ••••••			
Minimum Control Measure Name (If Applicable)	IDDE	IDDE	IDDE
General Permit Condition Item Number (If Applicable)	П.В.3	II.B.3	II.B.3
Brief Description of Planned SWMP Action Taken	Monitoring of outfalls within the MDT jurisdiction by use of both dry weather screening and visual observation.	MDT will follow local ordinances, statutes, and regulations within the Small MS4s. MDT will notify the proper enforcement authority available in the select Small MS4 that has an existing storm water ordinance in place.	MDT currently provides information on possible illicit and illegal discharges in our printed education material. MDT will continue to provide this information.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, FSE, and Maintenance Staff.	MDT, MS4 Coordinator, DEES, and construction inspectors.	MDT, MS4 Coordinator, and other MDT staff.
Measurable Goal or	The DEES is responsible for	Because MDT does not have legal	MDT will track, when possible, the
Performance Standard Utilized	The DEES is responsible for performing the dry weather screening at each outfall once per permit cycle. The information they gather will be used to update both the dry weather screening form along with the tracking spreadsheet in 2014. The IDDE Program protocols will be made available on the MDT website. The number of illicit or illegal discharges reported to the MS4 Coordinator will be analyzed and compared to previous years. MDT will also track the date, the outfall location, the response action, and the outcome of the implementation of such actions. Success of this BMP will be to eliminate 100% of illicit or illegal discharges from MDT operations.	authority to establish ordinances, it will rely on other governmental bodies to add ordinances and regulation to the existing standards that help eliminate illicit or illegal discharges into state water bodies. For applications within the Small MS4, MDT will continue to list in right of way approach and encroachment permits that applicants are expected to follow local ordinances, which include the city MS4 ordinances. As part of this measurable goal, MDT will follow applicable ordinances, and report non-compliance to the appropriate authorities. MDT will evaluate the local agreements with co-permittees at the end of this permit cycle. In addition, MDT will continue to follow the <i>Escalation Plan</i> spelled out in Management memo 03-01 that will be made available in electronic format on the MDT website in the year 2014.	number of calls, emails, or postings on MDT's social media sites. A reporting spreadsheet will be generated in 2014 by the MS4 Coordinator. Information provided during the reporting will be entered into the spreadsheet. The action taken by MDT resolve the problem will also be included in the spreadsheet. When available MDT will record how the information was acquired. MDT will use this information to evaluate the highest used method of reporting. Reporting methods not being used will be evaluated to determine if changes can be made to improve its effectiveness. The number of reports will determine if having a public reporting system is effective. The results will be presented in each Annual Report. As stated in BMP 3.3.1.2, the MS4 Coordinator will be posting status updates on MDT's social media (Facebook) page. One of these posts will be related to IDDE.
Opportunity for Improvement	-MDT will update its MS4 dry weather screening form in accordance with the recently issued MS4 general permit requirements.	-MDT will create an Enforcement Response Plan and IDDE Corrective Action Plan in accordance with the recently issued MS4 general permit requirements.	-MDT is striving for higher efficiency in IDDE education efforts by streamlining messages to audiences that have an impact on MDT storm water quality in MS4 areas, such MDT staff, contractors, developers, and transient roadway users.

SWMP Activity or	Training	Construction SWPPP	MDT Environmental and Construction
Component Name	BMP-IDDE-05	BMP-CSRC-01	Oversight BMP-CSRC-02
Minimum Control Measure Name (If Applicable)	IDDE	Construction Site Runoff Control	Construction Site Runoff Control
General Permit Condition Item Number (If Applicable)	II.B.3	II.B.4	II.B.4
Brief Description of Planned SWMP Action Taken	Provide district personnel with IDDE training specific to their job duties.	At construction sites that are required to obtain an MPDES General Permit for Storm Water Discharges associated with Construction Activity, the contractors must prepare a SWPPP.	To provide environmental and construction oversight on MDT projects. To ensure compliance with federal, tribal, state, and local laws.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES.	MDT, PDE.	MDT, DEES, and project personnel.
Measurable Goal or Performance Standard Utilized	This training will be part of the IDDE Training Program and will be performed annually for key personnel. MDT will track the date, location and employees trained each year as part of the IDDE Training Program at each Small MS4. Success will be determined by ensuring up to date training material and employees requesting the training receive the training.	MDT continues to place the special provision in project contracts that require contractors on construction sites equal to or larger than one acre of disturbance, or have potential to discharge into state waterways to adhere to the MPDES General Permit for Storm Water Discharges associated with Construction Activity. The measurable goal for the BMP is that project contracts have the MPDES Special Provision.	This BMP will be measured by the number of inspections conducted during the permit period. In addition, deficiencies will be tracked by project, as well as the actions taken to remedy the issues. The deficiencies and actions will be used as training tools to improve inspection procedures and to train DEES and inspection personnel for future MDT projects. MDT will track the size of project and compliance record of the contractors and subcontractors to evaluate if the environmental plans and specifications are meeting the requirements of the Construction General Permit and protecting the state's water quality. MDT staff will inspect 100% of projects within the Small MS4. The DEES attend, send a designee, or communicate directly with the project manager prior to100% of the Pre-Construction conferences for construction projects within the Small MS4s.
Opportunity for Improvement	-MDT will provide IDDE training, report and record in the tracking spreadsheet for this control measure.	-MDT has updated the MPDES Special Provision to incorporate the December 2016 BMP Manual into all federal-aid projects. This special provision was included on projects starting in the March 2017 letting.	-MDT will continue progress on this control measure.

SWMP Activity or Component Name Minimum Control	MDT Information Analysis BMP-CRSC-03 Construction Site	MDT Training BMP-CSRC-04 Construction Site Runoff Control	Internal Project Administration BMP-CSRC-05 Construction Site
Measure Name (If Applicable)	Runoff Control	Construction Site Runon Control	Runoff Control
General Permit Condition Item Number (If Applicable)	II.B.4	II.B.4	II.B.4
Brief Description of Planned SWMP Action Taken	Evaluate information gathered to improve awareness, and enhance current programs.	Provide trained staff responsible for the implementation, maintenance, and inspection of the storm water program. MDT personnel will be trained in the selection, implementation, inspection and maintenance of storm water BMPs.	MDT will use contractual agreements to ensure that projects are constructed in a manner that complies with the Clean Water Act.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator, PDEs.
Measurable Goal or Performance Standard Utilized	The MS4 Coordinator will attend five workgroup meetings per year. These meetings may be with co- permittees, other water quality groups, or MDT staff to discuss beneficial ways to improve storm water quality. The DEES will attend at least one MDT maintenance section meeting per year for each Small MS4.	The MS4 Coordinator will maintain a log with the dates of MDT training sessions, including the online SWPPP administrator certification. Names of attendees, their departments and their responsibilities will be included on the logs. Feedback provided during the training sessions will also be tracked to improve procedures and guidelines. Data for this log will be provided to the MS4 Coordinator through the DEES at each Small MS4. The DEES will present during at least one EPM meeting per year. The presentation will be a discussion of current storm water issues and will provide an opportunity for storm water questions related to design and construction activities.	MDT will include the MS4 special provision in 100% of contracts taking place in a Small MS4. In 100% of the contracts in a Small MS4, MDT will include standard and/or special provisions requiring appropriate storm water pollution prevention and acquisition of necessary permits prior to the commencement of construction activities. The MS4 Coordinator will track projects let to contract each year in Small MS4s, and will ensure appropriate standard and special provisions are included in each of the contract documents.
Opportunity for Improvement	-MDT is no longer a co-permittee. -MDT will evaluate DEES and maintenance staff interactions in each area and identify systematic approach to improvement.	-MDT will discontinue tracking of online SWPPP Administrator certification training for this Minimum Control Measures since it is specific to post-construction only. Instead, an on- line construction-related BMP training was developed and will be made available to construction personnel at the beginning of 2018.	-MDT will evaluate the appropriateness of the above goal and identify ways to make it more meaningful to program performance and improvement.

MS4 Areas: Billings,	, Bozeman, Great Falls, K	alispell, Butte, Missoula, Helena, and Yell	owstone County
SWMP Activity or Component Name	Plan Reviews BMP-PCRC-01	Construction and Post-Construction Site Inspections BMP-PCRC-02	Operation and Maintenance of BMPs BMP-PCRC-03
Minimum Control Measure Name (If Applicable)	Post-Construction Runoff in New Development and Redevelopment	Post-Construction Runoff in New Development and Redevelopment	Post-Construction Runoff in New Development and Redevelopment
General Permit Condition Item Number (If Applicable)	II.B.5	П.В.5	II.B.5
Brief Description of Planned SWMP Action Taken	MDT reviewers will verify that applicable federal, tribal, state and local laws and regulations are followed as required by the Small MS4 Program.	MDT construction personnel inspect the features as they are being constructed to ensure that they are constructed according to the contract documents including the plans and specifications.	Evaluate MDT Operation and Maintenance Program to ensure being conducted in an effective manner.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, PDEs.	MDT, DEES, Maintenance and construction personnel.	MDT, DEES, Maintenance personnel.
Measurable Goal or Performance Standard Utilized	The measurable goal for this BMP will be for PDEs to review 100% of the plans within the Small MS4s. When applicable the PDEs will recommend to the design team incorporation of PESC/LID structures.	MDT construction personnel will inspect structural (permanent) BMPs on 100% of projects in a Small MS4. Before MDT assumes responsibility for a storm water permit from the Contractor, MDT personnel including the DEES, maintenance personnel, and construction personnel, complete a final project closeout inspection to ensure project BMPs (temporary and permanent) are correctly installed and functioning properly. After the project closeout is complete, the BMP maintenance becomes MDT's responsibility. MDT maintenance on the temporary and permanent BMPs as needed. Items that could be improved during the construction phase will be passed on to construction for consideration in future projects.	Records of the current MDT Operation and Maintenance Program will be reviewed and evaluated to ensure that the O&M of BMPs is being conducted in an effective manner. The evaluation of the Program will be tailored to each MS4 area. Facilities managed by other entities (i.e., county or city) will be their sole responsibility.
Opportunity for Improvement	-MDT will monitor the use of the LID Analysis Process and Form to identify ways to improve it and to promote communication with other MS4s.	-MDT will continue to implement its finalization process and document BMP issues in the final walk-through form.	-MDT will continue progress on this control measure. Further refinement and formalization of the Permanent BMP O&M program implementation process will be evaluated. -MDT Environmental will meet with Maintenance to discuss options.

- When an Individual Permit is issued, MDT will identify changes required to and update the LID form. and PESC Manual.

SWMD Activity on	Deviewe and Increations Training	I and Interest Development Agence of
SWMP Activity or Component Name	Reviewers and Inspectors Training BMP-PCRC-04	Low Impact Development Approach BMP-PCRC-05
Minimum Control Measure Name (If Applicable)	Post-Construction Runoff in New Development and Redevelopment	Post-Construction Runoff in New Development and Redevelopment
General Permit Condition Item Number (If Applicable)	П.В.5	II.B.5
Brief Description of Planned SWMP Action Taken	MDT will provide training and guidance material to its employees on environmental compliance and storm water BMPs.	MDT will attempt to incorporate LID techniques where practicable in MDT projects and at its facilities within the MS4 areas when upgrades to the facilities are implemented and new or redevelopment takes place.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES.	MDT, MS4 Coordinator, PDEs.
Measurable Goal or Performance Standard Utilized	MDT will continue to provide training to its employees on environmental compliance and storm water BMPs. Continued educational programs and specialized training will continue to be made available for individuals involved in the plan review process and for inspection personnel. The MDT-provided training and education programs attended by MDT personnel will be tracked as part of this BMP. Pertinent staff members will attend at least one relevant training session per permit period to develop and expand their skills pertaining to storm water pollution prevention techniques. This training will be available as an online self-review of the PESC guidelines. MDT conducts periodic training on and updates of the PESC Manual as necessary.	For road construction projects in MS4 areas, MDT will evaluate 100% of designs for the potential of incorporating LID techniques. When the requirements are triggered, i.e., a new development or redevelopment project with disturbance greater than or equal to one acre, LID opportunities will be explored. PDEs will be the lead on this effort and will provide data to the MS4 Coordinator for tracking. For "state actions" at MDT facilities within Small MS4 areas, MDT will evaluate 100% of designs for appropriateness of incorporating LID techniques. Each proposed project will be reviewed for triggering the requirements for incorporating LID, as practicable. When the requirements are triggered, i.e., a new development or redevelopment project with disturbance greater than or equal to one acre, LID opportunities will be explored. PDEs will be the lead on this effort and will provide data to the MS4 Coordinator for tracking. For encroachment and approach permit applications within Small MS4 areas, MDT will evaluate 100% of applications for appropriateness of incorporating LID techniques. Appropriate MS4-related information will be included in the permit issuance correspondence. PDEs will be the lead on this effort and will provide data to the MS4 Coordinator for tracking.
Opportunity for Improvement	-MDT will finalize the update for the PESC Manual. If deemed necessary, MDT will provide appropriate training when updates to the PESC manual are complete.	-Continue to enforce the stipulation included in the permit that applicable MS4 requirements must be met, effectively placing the responsibility for the LID applicability analysis on the project proponent

SWMD Activity on	Ordinanaca and Stan Weter Desi-	Venetation Management Deserves
SWMP Activity or Component Name	Ordinances and Storm Water Design	Vegetation Management Program
Component Manie	Criteria	BMP-PCRC-07
	BMP-PCRC-06	
Minimum Control	Post-Construction Runoff in New	Post-Construction Runoff in New Development
Measure Name (If	Development and Redevelopment	and Redevelopment
Applicable) General Permit	II.B.5	II.B.5
Condition Item	П.Д.Ј	П.Б.Ј
Number (If		
Applicable)		
Brief Description of	MDT does not have the authority to	Evaluate projects within Small MS4s that have
Planned SWMP	write ordinances or requirements for	open SWPPP permits for use of federal funds to
Action Taken	storm water design criteria on non-MDT	conduct further revegetation that promotes
	proposed projects. MDT can and does	closure of the SWPPP plans.
	enforce MDT standards on MDT	1
	projects. MDT follows applicable	
	federal, tribal, state and local laws and	
	regulations within the Small MS4s.	
Responsible Agency,	MDT, MS4 Coordinator, PDEs, DEES.	MDT, DEES, Botanist.
Department, or	MD1, M34 Cooldinator, 1 DES, DEES.	MD1, DEES, Botanist.
Organization; and		
Person or Position		
Measurable Goal or	MDT will continue to follow federal,	This BMP will be measured by comparing
Performance Standard Utilized	tribal, state and local laws and regulation	projects within the Small MS4s with open
Standard Cunzcu	and design standards. MDT will	SWPPP permits. A determination will be made
	maintain and follow its design criteria	if improvement to the control of storm water
	for PESC and LID measures or seek	run-off, and infiltration can be improved with
	formalized design exceptions for 100%	further re-vegetation. The open permit projects
	of our projects within Small MS4s.	and the projects that are closed will be tracked
		as well as the projects where funding was
		allocated within the Small MS4s.
Opportunity for	-MDT will continue progress on this	-MDT will continue progress on this control
Improvement	control measure.	measure.
	- MDT will monitor the use of the LID	
	Analysis Process and Form to identify	
	any necessary areas of improvement and	
	to promote communication with other	
	MS4s.	
	-When an Individual Permit is issued,	
	MDT will identify changes required to	
	and update the LID form. and PESC	
	Manual.	

SWMP Activity or	Training
Component Name	BMP-PPGH-01.1
Minimum Control	
Measure Name (If	Pollution Prevention / Good Housekeeping
Applicable)	
General Permit	II.B.6
Condition Item	
Number (If	
Applicable)	
Brief Description of	Educate staff regarding storm water characteristics, water quality issues, and individual
Planned SWMP	responsibilities regarding the implementation of the Statewide SWMP, the Storm Water
Action Taken	Pollution Prevention Plans (SWPPP), and the Spill Prevention, Control, and
	Countermeasure (SPCC) Plans.
Responsible Agency,	MDT, MS4 Coordinator, DEES and possible other Environmental Staff.
Department, or	The r, this r coordinator, beles and possible other Environmental Sun.
Organization; and	
Person or Position	
Measurable Goal or	a) This BMP will be measured by ensuring that 100% of the DEES and MDT Maintenance
Performance	staff performing SWPPP inspections in Small MS4s are in compliance with the CGP and
Standard Utilized	will have Certified SWPPP Administrator training/certification. Records will be kept of
	personnel who have taken the SWPPP Administrator training and passed the test to become
	a MDT Certified SWPPP Administrator.
	b) This BMP will be measured by ensuring that 100% of the Maintenance staff performing
	site-specific facility SWPPP (FPPP) inspections in Small MS4s has site specific FPPP
	training. Records will be kept of personnel who have received training on the site-specific
	FPPP Administrator and inspection procedures.
	c) The DEES will provide a presentation regarding storm water issues during at least one
	EPM meeting per year. The presentation will be a discussion of current storm water issues
	and an opportunity for questions regarding storm water issues related to design and
	construction activities.
	d) The DEES will provide a presentation during at least one MDT maintenance section man
	meeting per year. The presentation will include a discussion of current storm water control
	issues and an opportunity for questions regarding storm water control related to
	maintenance activities and facilities.
Opportunity for	-MDT has executed a consultant contract to update our online SWPPP Administrator
Improvement	training by the end of the year. These updates will include changes to the CGP and will
-	include an additional module to address construction requirements, instead of just post-
	construction.
	-MDT will review the recently issued MS4 General permit and identify necessary updates to
	our internal FPPP training program.
	-MDT will continue progress on this control measure.

SWMP Activity	Training	Periodic SWPPP and SPCC Plan
or Component Name	BMP-PPGH-01.2	Inspections BMP-PPGH-02
Minimum Control Measure Name (If Applicable)	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
General Permit Condition Item Number (If Applicable)	II.B.6	II.B.6
Brief Description of Planned SWMP Action Taken	Educate staff regarding storm water characteristics, water quality issues, and individual responsibilities regarding the implementation of the Statewide SWMP, the Storm Water Pollution Prevention Plans (SWPPP), and the Spill Prevention, Control, and Countermeasure (SPCC) Plans.	MDT will perform site inspections for MDT facilities within the Small MS4s with FPPP and SPCC plans on the time basis documented in the SWMP.
Responsible Agency, Department, or Organization; and Person or Position	MDT, MS4 Coordinator, DEES, and possible other Environmental Staff.	MDT, MS4 Coordinator, DEES, Maintenance staff.
Measurable Goal or Performance Standard Utilized	 a) ESB personnel, generally the Engineering Section Supervisor or the Field Services Engineer, will attend at least one quarterly DCE meeting per year and provide information related to MDT's overall storm water management program, including MS4 issues. b) ESB personnel, generally the Engineering Section Supervisor or the Field Services Engineer, will attend at least one quarterly Maintenance Chiefs meeting per year and provide information related to MDT's overall storm water management program, including MS4 issues. c) As shown in Table 2-1, found in chapter 2, several MDT facilities in MS4 areas fall under the Spill Prevention, Control, and Countermeasure (SPCC) Rule and have SPCC Plans. SPCC training, which includes information related to the MS4 Program, will be offered annually or according to SPCC requirements. d) As shown in Table 2-1 found in chapter 2, MDT is working to develop site-specific Storm Water Pollution Prevention Plans (SWPPP) for MDT facilities within MS4 areas that currently do not have SWPPPs. Training is offered on each site specific SWPPP upon completion of the plan. Additional training will be offered when the plan is amended or on an as needed basis, as necessary. Dates, name, and responsibility of staff members, as well as topics discussed, will be tracked on a spreadsheet as part of this measurable goal. 	The DEES and MS4 Coordinator will analyze the FPPP inspection forms on a yearly basis to evaluate opportunities to improve and deal with identified deficiencies. In some cases, funds will have to be secured to improve the current infrastructure and might require several years before the BMP can be fully implemented.
Opportunity for Improvement	 -MDT will continue progress on this control measure. -MDT will continue to evaluate the FPPP inspection process as necessary to improve the consistency of inspections and to identify processes and/or structural improvements that will enhance overall environmental performance. -MDT will identify and prioritize structural improvements at MDT facilities. -Tracking will be improved. 	-MDT will evaluate the FPPP and SPCC inspection process to improve the consistency of inspections and to identify processes and/or other improvements that will enhance overall environmental performance. -MDT will identify and prioritize structural improvements at MDT facilities.

SWMP Activity or Component Name	Road and Parking Sweeping BMP-PPGH-03	Road and Parking Area Maintenance BMP-PPGH-04
Minimum Control Measure Name (If Applicable)	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
General Permit Condition Item Number (If Applicable)	II.B.6	II.B.6
Brief Description of Planned SWMP Action Taken	Implement a Street Sweeping Program that encompasses the streets and roadways, the maintenance yards and parking areas within its facilities. The street sweeping frequency depends on need and travel volumes. Sweepers also respond to certain types of spills that require clean-up work.	MDT will follow its Roadway / Roadside Maintenance Program to maintain roadways / roadsides for safety, to protect the environment, and to maintain a pleasing aesthetics in a functional manner.
Responsible Agency, Department, or Organization; and Person or Position	MDT, Maintenance Staff.	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Measurable Goal or Performance Standard Utilized	MDT's goal for the street sweeping program is to sweep 100% of the facilities and MDT maintained roads that are within our permitted Small MS4s a minimum of one time per year.	MDT will evaluate current practices used during maintenance and operational activities to determine if modifications to these practices are warranted to minimize storm water pollutants reaching water ways. The evaluation of BMPs and procedures as well as suggestions will be documented to determine the best course of action to implement improvements as the measurable goal for this BMP. Cost, ease of implementation, and risk and benefit analysis will be taken into account to make recommendations to MDT management.
Opportunity for Improvement	 -MDT will continue progress on this control measure. -MDT will evaluate this BMP to identify a systematic approach to gathering and reviewing maintenance information. 	 -MDT will continue progress on this control measure. -MDT will evaluate this BMP to identify a systematic approach to gathering and reviewing maintenance information. -Meet with Maintenance to discuss BMP options.

SWMP Activity or Component NameMinimum Control Measure Name (If Applicable)General Permit Condition Item Number (If Applicable)Brief Description of	Winter MaintenanceProgramBMP-PPGH-05Pollution Prevention / GoodHousekeepingII.B.6MDT will evaluate the Winter	Recycling Activities BMP-PPGH-06 Pollution Prevention / Good Housekeeping II.B.6 MDT has several recycling	Vehicle Washing BMP-PPGH-07 Pollution Prevention / Good Housekeeping II.B.6 To evaluate the vehicle wash areas and
Planned SWMP Action Taken Responsible Agency, Department, or Organization; and	Maintenance Program for feasible ways to transition to more environmental friendly methods. MDT, MS4 Coordinator, and Maintenance Chiefs.	programs in place at the maintenance facilities within the Small MS4s. These programs will continue to be offered. MDT, MS4 Coordinator, DEES, Maintenance staff.	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Person or Position Measurable Goal or Performance Standard Utilized	MDT will evaluate the current procedures described in the Winter Maintenance Program and if necessary revise the existing manuals to reduce the potential of pollutants being discharged into the environment and consequently into waterways. The evaluation will be performed during the permit period, and revisions to the manuals will be posted on the MDT intranet. In addition please see section 3.3.6.7 BMP on vehicle washing that describes MDT's current progress on constructing vehicle wash bays, which correlate with achieving the winter maintenance BMP.	MDT will continue to recycle and burn the used oil to heat select MDT facilities. MDT will also continue to recycle scrap and unused metal through the recycling companies throughout the permit period. MDT has created SWPPPs that provide guidelines to help make the storage of the recycled materials storm water runoff safe. MDT will be inspecting the facilities on a monthly basis to ensure the recycled materials are being stored in a manner that protects storm water runoff.	MDT will evaluate each maintenance facility for short term improvements (.e.g., sweeping area at the end of the shift) and long term improvement (i.e. a new wash bay). The short term improvements will be implemented as soon as possible, while the long term improvements will require additional planning and funding. In 2013 MDT completed one long term goal of constructing an updated wash bay at the Missoula MDT maintenance facility capable of appropriately disposing of wash water. MDT currently has funding available to hire a consultant in 2014 to design new wash bays for MDT Maintenance facilities in Butte, Great Falls, Billings, and Bozeman. MDT currently plans to construct the new wash bays in Butte in State fiscal year 2014 and in Great Falls and Bozeman in State fiscal year 2015. Additional short term and long term improvements may be implemented and will be tracked for each facility as a measure of this goal during the permit period.
Opportunity for Improvement	-MDT will continue progress on this control measure.	-MDT will continue progress on this control measure.	 -MDT will continue progress on this control measure. -Short-term and long-term facility improvement recommendations are documented in an annual FPPP review form and shared with. -MDT intends to build a washbay for the Billings facility in 2018.

SWMP Activity or	Hanandana Wasta Handlin a	Material Management
Component Name	Hazardous Waste Handling	Material Management
Minimum Control	BMP-PPGH-08	BMP-PPGH-09
Measure Name (If	Pollution Prevention / Good Housekeeping	Pollution Prevention / Good Housekeeping
Applicable)		
General Permit	II.B.6	II.B.6
Condition Item		11.2.0
Number (If		
Applicable)		
Brief Description of	Limit the amount and type of hazardous	MDT will continue to stockpile and store
Planned SWMP	materials on MDT sites, how and where they	materials, such as oils and deicing materials, in a
Action Taken	are stored, and who has access to them.	manner to reduce the likelihood of accidental spills
		or release hazardous materials into the storm water
		system.
Responsible Agency,	MDT, MS4 Coordinator, DEES, Maintenance	MDT, MS4 Coordinator, DEES, Hazmat section,
Department, or	Staff.	and Maintenance Staff.
Organization; and		
Person or Position		
Measurable Goal or	MDT will continue to ensure that its staff is	MDT will review existing storage procedures to
Performance Standard Utilized	following the proper procedures when handling	ensure that they are current and effective.
Standard Utilized	and storing hazardous materials, and are well	Revisions will be posted and employees will be
	informed of the type and potential dangers	made aware of the changes. This BMP will be
	associated with each chemical. Material Safety	measured by the number of spills that are reported
	Data Sheets (MSDSs) are available at each	within a permit period as required by the SWPPP
	facility within the MS4 areas and staff	and SPCC Plans. The main goal is to eliminate
	complies with the requirements of the SPCC	spills and have zero reported spills during the
	Plans including monthly site inspections. MDT	permit period. If a spill is reported within a permit
	will evaluate the plans as revised by federal	period, corrective actions will be taken to remedy
	and state regulations. Staff will complete	the spill and preventive measures will be put into
	monthly inspection forms. The MS4	place to prevent the spills from reoccurring.
	Coordinator working with the Hazmat	
	Supervisor, DEES, and FSE will determine if	
	items in the inspection process need to be	
	amended based on data provided in inspection	
	forms. The measurable goal for this BMP will	
	be to maintain MDT's status of conditionally	
	exempt.	
Opportunity for	-MDT will continue progress on this control	-MDT will continue progress on this control
Improvement	measure.	measure.
	-MDT will continue to evaluate the FPPP	- MDT will continue to evaluate the FPPP
	inspection process as necessary to improve the	inspection process as necessary to improve the
	consistency of inspections and to identify	consistency of inspections and to identify
	processes and/or structural improvements that	processes and/or structural improvements that will
	will enhance overall environmental	enhance overall environmental performance.
	performance.	т <u>г</u>
	F	

SWMP Activity or	Storm Drain Stratem Classics and	Develor (W/DDDs or d Lindster to (W/DDD)
Component Name	Storm Drain System Cleaning and	Develop SWPPPs and Updates to SWPPPs
Component Name	Maintenance	BMP-PPGH-11
	BMP-PPGH-010	
Minimum Control	Pollution Prevention / Good	Pollution Prevention / Good Housekeeping
Measure Name (If	Housekeeping	
Applicable)	H.D.(
General Permit Condition Item	II.B.6	II.B.6
Number (If		
Applicable)		
Brief Description of	Conduct routine system inspections,	MDT has developed SWPPPs for MDT facilities within
Planned SWMP	cleaning, and maintenance of MDT	the Small MS4s. MDT will update as necessary.
Action Taken	maintenance facilities, yards, and storm	the Sman W1348. WD1 will update as necessary.
	water infrastructure within the MDT	
D	right of way.	
Responsible Agency,	MDT, MS4 Coordinator, DEES,	MDT, MS4 Coordinator, DEES, Maintenance Staff.
Department, or Organization; and	Maintenance staff.	
Person or Position		
Measurable Goal or	MDT will continue the current	MDT will continue to evaluate and update the SWPPPs
Performance	maintenance program and track the	as conditions change regarding design, construction,
Standard Utilized	number of inspections, cleanings, and	operation, or maintenance at the different facilities. The
	repairs conducted at each maintenance	changes will be recorded in the Amendment Record Log
		included in each SWPPP. In addition, MDT will continue
	facility as well as continue maintenance	
	conducted on MDT's right of way	to train its staff to better understand the implications of
	within the MS4 areas. MDT tracks hours	contaminating storm water and procedures to reduce the
	and supplies in the Management System	potential of contamination. In 2014 MDT will create
	for each MS4 area. MDT will clean and	SWPPPs, implement, and begin monthly inspections for
	provide maintenance to storm water	the following locations: MDT Rest Area, Bozeman,
	structures as necessary. The need is	Desmet, Missoula, and Aeronautics Division (York
	determined from the inspections taking	Wye), Helena. In addition, MDT staff will complete the
	place as a regular part of the	monthly SWPPP inspection forms at the currently
	maintenance department employees' job	existing SWPPP locations. SWPPP inspections will be
	duties. Other forms of notification can	reviewed and analyzed by the MS4 Coordinator annually
	be from the public, city or county	for the annual report. The forms, addendums, and training
	employees.	will be the measurable goal for this BMP.
Opportunity for	-MDT will continue progress on this	-MDT will continue progress on this control measure.
Improvement	control measure.	-MDT will continue to evaluate the FPPP inspection
	- MDT will continue to evaluate the	process as necessary to improve the consistency of
	FPPP inspection process as necessary to	inspections and to identify processes and/or structural
	improve the consistency of inspections	improvements that will enhance overall environmental
	and to identify processes and/or	performance.
	structural improvements that will	-MDT will develop a formal FPPP update process,
		including updates to FPPP inspection templates.
	enhance overall environmental	including updates to FFFF inspection templates.
	performance.	
	-Meet with Maintenance to discuss BMP	
	options.	

2017 MS4 Annual Report Delivery Documentation DEQ Permit: MT0031844

Montana Department of Transportation (MDT) has delivered the 2017 MS4 Annual Report to the Montana Department of Environmental Quality (DEQ).

Date received b	by DEQ 名・2	8-18	
Signature of Re	ecipient <u>Sar</u>	dy matule	
Printed Name _	Sandy	Matule	

Copies:			
Tim Holley, P.E.,	Field	Services	Engineer

Signed Original: Mark Young, P.E., Statewide Environmental Engineering Specialist

RECEIVED	-
FEB 28 2018	
DEQ WATER QUALITY DIVISION	
and the second design of the second	