

Engineering

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Private Permanent Stormwater BMP Inspection Checklist

Doc 20-vA50925-0525

If the BMP is inaccessible or/and has runoff rate or flood control, the designated inspector will need to submit proof that they are certified in the State of Minnesota. The <u>University of Minnesota</u> offers an *Inspection and Maintenance of Permanent Stormwater Treatment Practices Certification*. This certification or a professional engineer registered in the State of Minnesota would suffice.

City of Duluth Legislative Code Section 50-18.1.E requires the developer or owner(s) to be responsible for inspection, maintenance and reporting for all Permanent Structural Stormwater Best Management Practices (BMPs). This annual inspection and maintenance checklist must be submitted to the city no later than **November 1st of every year**. Inspection and maintenance must be performed on a regular basis, so the stormwater management facilities function as designed. Maintenance work and repairs identified in the annual report must be completed within a timely manner approved by city.

Please fill this form out for each BMP on your site. Take a minimum of 2 pictures of each BMP. Be sure to submit the pictures to the city along with your inspection checklist form.

Site Information

Site Name:	 	
Address:		
Property Owner Name:		
Property Owner Email:	 	
Description/Type of BMP:		
BMP Location:		
Inspector Information		
Inspector Name:		
Inspector Email:		

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WARNING before digging call <u>Gopher State One Call</u> 1-800-252-1166. REQUIRED BY LAW. PRIVATE UTILITIES, which include the water and sewer services on your property, gas lines running from your house to a garage or gas grill, and others, are not owned by a utility and will not be marked by GSOC. Excavators and property owners must investigate private utility locations before digging.

DO NOT ENTER underground structures/confined spaces unless you are a trained professional. It is extremely dangerous and life threatening if you are not trained and do not have the proper equipment. The city will not accept inspection/maintenance documentation from unqualified individuals. Please visit the U.S. Department of Labor Occupational Safety and Health Administration (OSHA) for more information.

Inspection Checklist If any of the answers fall under the highlighted Yes or No, maintenance or action is required! Include maintenance date (completed or scheduled).						
Has it rained within the last 48 hours at this location?	Yes	No		N/A (Not Applicable)		
Are paved surfaces draining to basin free of sediment, trash and/or debris?	Yes	No				
Is BMP accessible? Clear of overgrown vegetation, trees and/or other structures? DO NOT ENTER underground structures/confined spaces unless you are a trained professional.	Yes	No				
Is there erosion/damage on side slopes and/or around inlets and/or outlets that require repair?	<mark>Yes</mark>	No	N/A			
Do any structures/components (flared-end sections, standpipes, drain tiles, concrete aprons, access structures, emergency overflows, manholes, catch basins) require repair or replacement? DO NOT ENTER underground structures/confined spaces unless you are a trained professional.	Yes	No	N/A			
Do any pre-treatment areas (forebay, sump, filter strip, rock) have accumulated sediment, trash and/or debris?	<mark>Yes</mark>	No	N/A			
Is there accumulation of sediment, trash and/or debris in the main/deepest part of the BMP?	<mark>Yes</mark>	No				
Is any water standing in the BMP more than 48 hours when it should be infiltrating?	<mark>Yes</mark>	No	N/A			
Any dead/overgrown vegetation need to be mowed/trimmed or removed? Any weeds or invasive plants need to be removed?	<mark>Yes</mark>	No	N/A			
	Item Has it rained within the last 48 hours at this location? Are paved surfaces draining to basin free of sediment, trash and/or debris? Is BMP accessible? Clear of overgrown vegetation, trees and/or other structures? DO NOT ENTER underground structures/confined spaces unless you are a trained professional. Is there erosion/damage on side slopes and/or around inlets and/or outlets that require repair? Do any structures/components (flared-end sections, standpipes, drain tiles, concrete aprons, access structures, emergency overflows, manholes, catch basins) require repair or replacement? DO NOT ENTER underground structures/confined spaces unless you are a trained professional. Do any pre-treatment areas (forebay, sump, filter strip, rock) have accumulated sediment, trash and/or debris? Is there accumulation of sediment, trash and/or debris in the main/deepest part of the BMP? Is any water standing in the BMP more than 48 hours when it should be infiltrating? 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Answer Maintenance Has it rained within the last 48 hours at this location? Yes No N/A (Not Applicable) Are paved surfaces draining to basin free of sediment, trash and/or debris? Yes No N/A (Not Applicable) Is BMP accessible? Clear of overgrown vegetation, trees and/or other structures? Do NOT ENTER underground structures/confined spaces unless you are a trained professional. Yes No N/A Is there erosion/damage on side slopes and/or around inlets and/or outlets that require repair? Yes No N/A Do any structures/components (flared-end sections, standpipes, drain underground structures, on replacement? DO NOT ENTER underground spaces unless you are a trained professional. Yes No N/A Do any structures/comfined spaces unless you are a trained professional. Yes No N/A Do any pre-treatment areas (forebay, sump, filter strip, rock) have accumulated sediment, trash and/or debris in the main/deepest part of the BMP? Yes No N/A Is there accumulation of sediment, trash and/or debris in the main/deepest part of the BMP? Yes No N/A Is any water standing in the BMP more than 48 hours when it should be infiltrating? Yes No N/A<	

Inspection Date	Item	Answer		Answer		
	Is replanting of vegetation or seed necessary?	<mark>Yes</mark>	No	N/A		
	Is the smell of gasoline, oil, paint or/and any other unusual smells present? Any evidence of illicit discharge?	Yes	No			
	If yes, call the city as soon as possible (218 730 4100).Does anything you observe pose a hazard to the public or	<mark>Yes</mark>	No			
	environment? If <mark>yes</mark> , call the city as soon as possible (218 730 4100).					
	Does the BMP appear to function as designed?	Yes	No			
Describe how the BM	IP works:					
Additional Notes:						
	equired, fill out the following: completed? If not, what is the estimated					

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Name of company or person responsible for maintenance?

Scope of work for maintenance/repair/replacement?

start date?

Notes			