



# INDIANA DEPARTMENT OF TRANSPORTATION

## INSPECTION & MAINTENANCE

### POST-CONSTRUCTION STORMWATER BMP

<b>Structure Type</b>	<b>Infiltration Swale</b>	<b>Asset ID</b>	
<b>Design Criteria</b>		<b>Location</b>	Coordinates, Driving Directions
This Swale was designed to remove Total Suspended Solids (TSS) from stormwater runoff and was designed to be dry between rainfall events. Stormwater should infiltrate into the underlying soil.			
<b>Information</b>			
Is this inspection being conducted within 72 hours of a rainfall event?		Yes	No
Is the swale holding water?		Yes	No
Is an overflow catch basin or embankment present?		Yes	No
Is there land use upstream with high probability of pollutants?		Yes	No
Is there land use upstream with high probability of sediment or debris?		Yes	No
Can the unit be accessed directly from INDOT right-of-way?		Yes	No
Will traffic control be required for maintenance?		Yes	No
Is forebay present?		Yes	No
Is the basin vegetated?		Yes	No
<b>Inspection Criteria</b>			
<u>Maintenance Issues:</u>		<u>Description:</u>	
If vegetated, is cover approximately 90%?	Yes      No	_____.	
Is there evidence of erosion/scouring present?	Yes      No	_____.	
Is the swale free of any invasive/unwanted species?	Yes      No	_____.	
Are in/outflow points blocked by debris or vegetation?	Yes      No	_____.	
Is woody vegetation present in swale or on embankments?	Yes      No	_____.	
Are there areas of standing/stagnant water?	Yes      No	_____.	
Is there a sheen or odor present?	Yes      No	_____.	
Are any animal burrows or nests present?	Yes      No	_____.	
Is evidence of litter, dumping, or illicit discharge present?	Yes      No	_____.	
Is excessive sediment present within the swale or forebay?	Yes      No	Depth: _____ inches	
<u>Structural Issues:</u>			
Is there structural damage to the inflow/outflow structures?	Yes      No		
Is there adequate scour protection at the outlet?	Yes      No		
Is there adequate scour protection at the inlet?	Yes      No		
Is there structural damage to the emergency overflow/embankments?	Yes      No	N/A	
Is there geotextile fabric exposed?	Yes      No	N/A	
<u>Comments:</u>			
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<b>Last Inspected</b>		<b>Current Inspection</b>	



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Structure Type	Infiltration Basin	Asset ID	
Typical Corrective Actions	<ul style="list-style-type: none"><li>• Vegetation – re-establish as needed so that cover is approximately 90%</li><li>• Erosion and scour – re-grade as needed, install erosion protection if required</li><li>• Trash and debris buildup – remove trash and debris as needed</li><li>• Excessive ponding – re-grade as needed to drain excessive ponded or stagnant water</li><li>• Inflow and outflow points and/or structures – repair structures and remove debris or blockage as needed</li><li>• Sediment buildup – should be <math>\leq 25\%</math> of original design volume – remove sediment as needed</li></ul>		
Maintenance Recommendations			



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Structure Type	Infiltration Basin	Asset ID	
Plans and Plan Cross Section(s)			



Structure Type	Infiltration Basin	Asset ID	
Photographs & Maps			
INSPECTED BY		APPROVED BY	
<div>Printed Name/Title</div>		<div>Printed Name/Title</div>	