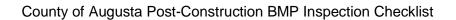
## County of Augusta Post-Construction BMP Inspection Checklist



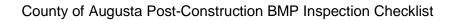
FACILITY ID:			DATE: /	/	ASSES	SSED BY:		
NAME:							_ [	HANDHELD/
							GPS ID:	
Рното IDs:								
SECTION 1- BA								
BMP TYPE:			<u>`</u>		YEAR	CONSTRUC	TED:	
Dry Detention Pond	1	Dry Swale		0				
Extended Detention	Pond	Wet Swale	Level Spreader			ERSHIP ublic I	Private	Unknown
Wet Pond	Grass Char		nel	WQ Inlet	Г	uone r	Tivate	Clikilowii
Filter (specify:	)	Dry Well	Proprietary Device					
Infiltration (specify:		Permeable P	avement	Other				
Check if structure	e is underground	Bioretention	_					
			CHARACTER					
DRAINAGE AREA:	,	VIOUS COVER:			Plan	County Da		IS Field
CONTRIBUTING DRAINA						ER QUALITY M DESIGN P		(ft3)
Industrial Forested	Commercial Institutional	Orban/Re Golf cours	sidential	_Suburban/Res Park	(FRO	M DESIGN P	LAN):	(11°)
Crop	Pasture	Other:		_I aik				
SECTION 2- FIR								
Rain in last 48 hrs?	Yes No	Evi	dence of high w	ater table (e.g., excess	sive soil s	aturation)?	Ye	es No
			ESIGN ELEM			·		
			DESIGN STORM(S):					
Length:(ft) Width			AGE VOL: HYDRAULIC CONFIGURATION			Water Quality		
(ft)		,	On-line Facility			Flood Control		
Surface Area: (ft	2)		Off-line Facility		у	Channel Protection		
Depth of WQ storage(ft)				Unknown				
BMP SIGNAGE: (check	all that apply)			•				
None	Flood Warning	7	Stormwater Educ	cation No	Trespassii	ng	Wildl	ife Habitat
Public Property	Do Not Mow		Other:					
OUTLET CHARACTERISTICS								
PRIMARY OUTLET	N/A – infiltration w/ no outlet Pipe Riser Weir Large Storm Overflow Open channel Large Storm By-pass Other:							
STRUCTURE:				vartad autlat nina	Hooded	outlet	Anti vorte	av daviaa
OUTLET FEATURES:	N/A Trash Rack Pond Drain Inverted outlet pipe Hooded outlet Anti-vortex device							
	Perforated pipe Gravel Diaphragm Micropool outlet Multiple outlet levels  Outlet includes restrictor? Yes No							
Outlet includes restrictor: Tes No  Outlet Structure Erosion at Outlet: None Slight Moderate Severe Outlet								
CONDITIONS:								
CONSTITUTION	Structural Problems:		ght Moderate Se					
CONDITIONS AT		sed storm sewe			ch Ot	her:		
OUTFALL:	Unknown							
Active Erosion:	None Slight Moderate Severe None Odor: None Slight Moder					ate Severe		
Trash:	e e				Moder			
							ate Severe	
Emergency Spillway Type: Channel Riser Overflow Weir Other:								

1



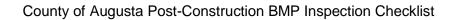


SOIL OR FILTER MEDIA					
Soil mixOrganic material	CTRATION MEDIA:         (check all that apply)          (in)        (in)           (in)          Other            ent build-up on surface?         (in)		in) Large Stone(in) nknown		
SOIL MEDIA SAMPLE: Note – Complete during site investigation, if applicable  Dominant Soil Type					
	Vege	TATION			
GENERAL OBSERVA  Landscape Aquatic Be Invasive S Plant Dive  Depth of mulch, if pres Rate degree of shading	d         Note – All percentages should sum           ench        Trees        G           pecies        Managed Turf        B           rsity        Gravel/stone	up to 100 %.         rasses/Perennials	Ponded waterOther:ShrubsN/AEmergent wetland Other(in)		
	INLET CHAR	RACTERISTICS			
INLET #1: Diameter/Width:(in)		Closed Pipe :	Elevation difference between bottom of inlet and BMP surface:  ———————————————————————————————————		
INLET SUBMERSION: INLET CONDITIONS: Comments:  Complete Inlet Erosion None Slight Moderate Severe Partial Inlet Clogging None Slight Moderate Severe None Structural Problems None Slight Moderate Severe					
INLET #2: Diameter/Width:(in)	TYPE OF INLET: Open Channel Co	Closed Pipe :	Elevation difference between bottom of inlet and BMP surface: ————————————————————————————————————		
INLET SUBMERSION:  Complete Partial None	INLET CONDITIONS:  Inlet Erosion Inlet Clogging Structural Problems  Inlet Condition  Moderate Severe	Severe None Slight	Comments:		
PRETREATMENT					
TYPE OF PRETREATMENT (check all that apply)       PRETREATMENT FUNCTION □ By design □ Incidental         □ None       □ Grass Filter Strip       Is pretreatment functioning? □ Yes □ No         □ Sediment Forebay (ft³)       □ Plunge Pool?       Is sediment removal necessary? □ Yes □ No         □ Grass Channel       □ Stone Diaphragm       Signs of pretreatment bypass? □ Yes □ No         □ Riprap Channel or Apron       □ Other:       Signs of flow of sediment from pretreatment to BMP? □ Yes □         □ Severity:       □ Slight □ Moderate □ Strip					
GENERAL DESIGN					
BMP FEATURES (check all that apply)  Maintenance Access Underdrain Fence Clean Out Observation Well Micropool Is water present in observation well?  Impermeable Liner Yes No Depth: ft					
CONVEYANCE THROUG  No Defined Channel  Low Flow Channel  Concret En  Length of Shortest Flow	roded	Is BMP designed wit	th a Permanent Pool?		





GENERAL PROBLEMS: (check all that apply)	)				
□ Water Bypass of Inlet       □ Erosion within Facility       □ Inadequate vegetation         □ Water Bypass of Outlet       □ Deposition within Facility       □ Dead or Diseased Vegetation         □ Incorrect Flow Paths       □ Inappropriate Ponding of Water       □ Too many invasive plants         □ Short-circuiting of treatment mechanism       □ Clogged Pond Drain/Underdrain       □ Trees on Embankment         □ No or ineffective treatment       □ Clogged Media       □ Failing structural components         □ Ineffective pretreatment       □ Inappropriate media material       □ Safety issue (Note:	)				
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☐ Ineffective pretreatment ☐ Inappropriate media material ☐ Safety issue (Note:	)				
	)				
Others Inappropriate underlying soil (infiltration)					
WATER QUALITY IN FACILITY: N/A EVIDENCE OF:					
Algae					
Odor None Slight Severe Animal Burrows					
Turbidity None Slight Mosquitoes					
Color Normal Abnormal: BMP Alteration					
PROBLEM 1=NONE 2 - FEW 3 - SEVERAL 4-SEVERE					
The care No exidence of treeh	Lots of trash in BMP or BMP used for storage				
	Banks severely eroded, >25% of bank affected				
< 5% of bank affected ~15% of bank affected >25% of bank affected					
SEDIMENT DEPOSITION No sediment Areas of minor sediment deposition may be resulting in pond by	Lots of deposition resulting in pond bottom clogging				
SURFACE 0-1% BMP surface 1-3% BMP surface slope 3-5% BMP surface slope	>5% surface slope;				
slope   or steeper slopes with   with no check dams   >5% surface slo					
PMD side slopes 3:1					
SIDE SLOPES  BMP side slopes 2:1  Steep BMP side slopes  Risk of side slope to	Risk of side slope failure				
No evidence of Minor problems (e.g., Moderate structural Structural failures	Structural failures (e.g., bank failure, blowout)				
STRUCTURAL   structural damage   bank slump, eroded   problems - latture   bank failure blow					
channels) pending bank rantic, blov					
	No visibility, behind				
nign-tramic areas tramic areas low tramic areas buildings or ien	buildings or fences				
A CONTROLLED	Access for vehicles not				
Mowing along RMP	possible				
No mowing address but grees of no Mowed turf vegetation BMP bottom has	BMP bottom has large areas of bare soil  Sparse vegetative cover (<25%),				
VEG in/around BMP mow in BMP bottom areas of bare so					
TREES Healthy and established Slightly stressed Stressed Dead					
GROUND Healthy and					
VEG COVER established Slightly stressed Stressed Dead	Dead				
HEALTH         SHRUBS         Healthy and established         Slightly stressed         Stressed         Dead	Dead				
EMERGENT Healthy and Slightly stressed Stressed Dead  Dead	Dead				
OVERALL PERFORMANCE SCORE (circle one number)					
	1046				
	oor BMP design, severe				
	performance problems or failure				
10 9 8 6 5 4 3 2	1				





				FIELD NOTES		
GOOD OR INTERESTING DESIGN FEATURES:						
<u>Рното #'s:</u>						
POOR OR PROBLEMATIC PHOTO #'S:	DESIGN F	EATURES:	<u>:</u>			
SECTION 3 – DES				DN		
PLAN AVAILABLE: As-built Other:						
Do field observations match design plans/as-builts? Describe any differences.						
Soil type in facility	□ N/A	Yes	□ No	If no, describe:		
Pretreatment type and size	_	☐ Yes	☐ No	If no, describe:		
Signage	□ N/A	Yes	☐ No	If no, describe:		
Low-flow channel	□ N/A	Yes	☐ No	If no, describe:		
Dimensions/volume	□ N/A	Yes	☐ No	If no, describe:		
Inlet type, #, and sizing	□ N/A	Yes	☐ No	If no, describe:		
Outlet type, #, and sizing	□ N/A	☐ Yes	☐ No	If no, describe:		
Vegetation composition	□ N/A	Yes	☐ No	If no, describe:		
Other features	□ N/A	☐ Yes	☐ No	If no, describe:		