## **APPENDIX I**

Sample SWMF Inspection Checklist

## "DRAFT" SWM and LID FACILITY MAINTENANCE CHECKLIST FORM Township of Ayr – Design Guidelines and Standard Drawings

Form Date:

Form Revision No.:

1. General Details							
This Form prepared by :	IBI Group				Inspected b	y:	
SWM Facility ECA Number:					Date of Insp	pection:	
Subdivision / Facility Name: Location / Intersection:					Rainfall 24 hours prior:mm  Rainfall 72 hours prior:mm		
Watershed:	Grand River						
Facility Type:							
	Wet pond		Wetland	Wetland		Dry Pond	
	On-line		Off-line		Sediment F	orebay Yes / No	
2. Observations:							
Water level Reading (from top	o of HW):	cm				Notes	
Water Colour:		Clear	Green	Brown	Other		
Foul Odour		None	Minor	Moderate	High		
Floating Material		None	Minor	Moderate	High		
Algae		None	Minor	Moderate	High		
Debris		None	Minor	Moderate	High		
Oil/Sheen		None	Minor	Moderate	High		
				Moderate	High		
Floatables	bove water sur	None face? Ye	Minor es No	Moderate	riigii		
Floatables Is sediment visible below or a Notes:		face? Ye	es No	Moderate	riigii		
Floatables Is sediment visible below or a Notes:  3. Inspection of Structural C		face? Ye	es No	Moderate	T light	Notes	
Floatables Is sediment visible below or a Notes:  3. Inspection of Structural C INLET		face? Ye	es No			Notes	
Floatables Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris		face? Ye	es No Minor	Moderate	High		
Floatables Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation		None None	Minor Minor	Moderate Moderate	High High		
Floatables Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete	Components	None None None	Minor Minor Minor	Moderate Moderate Moderate	High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components	Components	None None None None None	Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate	High High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition	Components	None None None	Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate	High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural Continuation INLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure	Components	None None None None None None	Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate	High High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure	Components	None None None None None Yes	Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate	High High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural Content of Structural	Components	None None None None None Yes	Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate	High High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure Seepage OUTLET Blockage/Debris	Components	None None None None None Yes Yes	Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate No	High High High High		
Floatables Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure Seepage OUTLET Blockage/Debris Cracking/damage concrete	Components	None None None None None Yes Yes None	Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate No No	High High High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure Seepage OUTLET Blockage/Debris Cracking/damage concrete Damage to other components	Components	None None None None Yes Yes None None	Minor Minor Minor Minor Minor Minor Minor Minor	Moderate Moderate Moderate Moderate Moderate No No Moderate Moderate	High High High High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure Seepage	Components	None None None None Yes Yes None None None	Minor	Moderate Moderate Moderate Moderate Moderate No No Moderate Moderate Moderate Moderate	High High High High High High		
Floatables Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure Seepage OUTLET Blockage/Debris Cracking/damage concrete Damage to other components Structural damage	Components	None None None None Yes Yes None None None None None	Minor	Moderate Moderate Moderate Moderate Moderate No No Moderate Moderate Moderate Moderate Moderate Moderate	High High High High High High High		
Is sediment visible below or a Notes:  3. Inspection of Structural CINLET Blockage/Debris Sediment Accumulation Cracking/damage concrete Damage to other components Erosion Protection Condition Grate secure Seepage OUTLET Blockage/Debris Cracking/damage concrete Damage to other components Structural damage Armour stone damage	Components	None None None None Yes Yes  None None None None None None None	Minor	Moderate Moderate Moderate Moderate Moderate No No Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate Moderate	High High High High High High High		

## "DRAFT" SWM and LID FACILITY MAINTENANCE CHECKLIST FORM

**Town of Ayr – Design Guidelines and Standard Drawings** 

3. Inspection of Structural Components	(continued)				
OUTLET SWALE					Notes
Blockage	None	Minor	Moderate	High	
Erosion	None	Minor	Moderate	High	
Clarity of flow out of pond	Clear	Green	Brown	Other	<del></del>
Sediment Depth in channel		_ cm			
(Depth measurement taken at outfall headw	vall)				
EMERGENCY OVERFLOW					
Erosion	None	Minor	Moderate	High	
Evidence of overtopping Notes:	Yes		No		
4. Inspection of Vegetation					Notes
Aquatic	Un-Health	ıy	Healthy		
Shoreline	Un-Health	ıy	Healthy		
Upland	Un-Health	ıy	Healthy		
Trees/Shrubs	Un-Health	ıy	Healthy		
Re-seeding/Replanting Requirements: Notes:					
5. Overall Conditions					Notes
5. Overall Conditions Access Roads	Un-Satisfa	actory	Satisfactory		Notes
	Un-Satisfa	•	Satisfactory Satisfactory		Notes
Access Roads		actory	•		Notes
Access Roads Fences	Un-Satisfa	actory actory	Satisfactory		Notes
Access Roads Fences Gates	Un-Satisfa Un-Satisfa	actory actory actory	Satisfactory Satisfactory		Notes
Access Roads Fences Gates Locks	Un-Satisfa Un-Satisfa Un-Satisfa	actory actory actory actory	Satisfactory Satisfactory Satisfactory		Notes
Access Roads Fences Gates Locks Signage	Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa	actory actory actory actory actory	Satisfactory Satisfactory Satisfactory Satisfactory		Notes
Access Roads Fences Gates Locks Signage Evidence of Encroachments	Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa	actory actory actory actory actory actory	Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory		Notes
Access Roads Fences Gates Locks Signage Evidence of Encroachments Evidence of Beaver Activity	Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa	actory actory actory actory actory actory actory actory actory	Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory		Notes
Access Roads Fences Gates Locks Signage Evidence of Encroachments Evidence of Beaver Activity Evidence of Fish	Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa	actory actory actory actory actory actory actory actory actory	Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory		Notes
Access Roads Fences Gates Locks Signage Evidence of Encroachments Evidence of Beaver Activity Evidence of Waterfowl Activity Evidence of Fish Notes:	Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa	actory actory actory actory actory actory actory actory actory	Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory		Notes
Access Roads Fences Gates Locks Signage Evidence of Encroachments Evidence of Beaver Activity Evidence of Waterfowl Activity Evidence of Fish Notes:	Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa Un-Satisfa	actory actory actory actory actory actory actory actory actory	Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory Satisfactory		Notes

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