

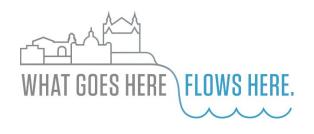
# Structural Control Inspection Form Wet Detention Basin

Ins	pection	report	submitted	for	year:	

# City of San Marcos Ordinance Section 86.531 - Maintenance and repair of structural controls:

Owner(s) of structural controls that discharge or connect to the City of San Marcos stormwater utility (MS4) or discharge into Waters of the United States within San Marcos city limits must conduct, at a minimum, inspection of each structural control every three (3) years following a passing inspection beginning in 2020. The inspection must be performed by a Texas-licensed engineer and the licensed engineer must be chosen from a list of precertfied engineers provided by the city.





# Structural Control Inspection Form Wet Detention Basin

Revised August, 2020

#### Legend:

 $S = Satisfactory - Control \ is \ in \ a \ condition \ that \ meets \ original \ design \ specs.$   $U = Unsatisfactory - Control \ is \ in \ a \ condition \ that \ does \ not \ meet \ original \ design \ specs.$   $N/A = Not \ Applicable$ 

#### **Inlet Point Assessment (Where the inflow into the pond originates)**

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Obstruction (vegetation/debris/ sediment)					
Structural Condition					
Erosion/Undercutting					
Displacement of rip rap or fabric					
Comments					

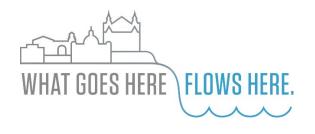




## Sediment Forebay Assessment (Pre-treatment area; initial sediment drop-out pond)

Inspection	S	U	N/A	<b>Corrective Actions</b>	Expected Completion
Sediment accumulation					
Invasive or woody vegetation					
Diseased or dying vegetation					
Comments					

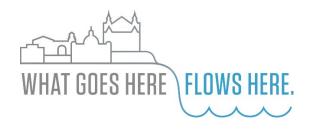




## Permanent Pool Assessment (Area of main treatment and further sediment drop-out)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Visible pollution (trash, debris, oil sheen, etc.)					•
Sediment accumulation					
Diseased or dying vegetation					
Invasive or woody vegetation					
Algae cover %					
Emergency spillway free of obstructions and woody vegetation					
Permanent pool level normal ≥5 days after rain event					
Comments					

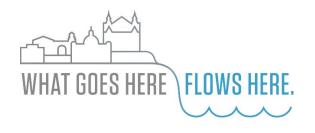




## Embankment Assessment (Side slopes, berms within the treatment areas)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Bare soil, erosion, loss of dam material					Completion
Invasive or woody vegetation					
Animal burrows					
Diseased or dying vegetation					
Signs of seepage on downstream face					
Embankment mowing					
Comments		1	<u> </u>		L





## Outfall Structure Assessment (Area where treated water discharges from the facility)

Inspection	S	U	N/A	Corrective Actions	Expected
					Completion
Obstructed pipe/trash					
rack/draw down orifice					
Erosion /undercutting					
Joint failure/loss of joint					
material/soil piping					
Displacement of filter					
fabric or rip rap					
Sediment/debris					
accumulation					
Comments					





#### **Miscellaneous Assessment**

S	U	N/A	Corrective Actions	Expected Completion
	S	S U	S U N/A	S U N/A Corrective Actions

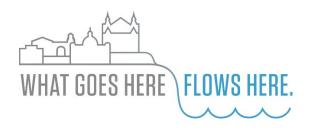




## **Photographs:**

Please attach photographs taken of each assessment inspection in this section of the report. Include a description of each photograph. Attach additional pages as needed.





#### **Inspection results:**

□ probl	Pass Inspection determined that the control is operating as it was originally designed and no apparent ems exist.
	Pass with conditions
addre	The control is operating as it was originally designed, however, some maintenance items should be ssed as a good housekeeping measure to prevent future deficiencies. These maintenance items are ad-
	ed in the above assessments and/or in the additional comments listed below.
	Fail Inspection of the control determined that deficiencies were discovered and the control is not
	ting as it was originally designed. Maintenance and/or recommended repairs are addressed in the
	dual assessments and/or in the additional comments section of this report. See enforcement actions
ustea	below

# **Enforcement Actions Enforcement procedures are as followed:**

Failed inspection reports must be submitted to the City of San Marcos within 5 business days from the time of inspection. Maintenance and/or repairs must be addressed within 30 days of the City of San Marcos receipt of this report. If it is infeasible to address any maintenance and/or repairs of the facility within 30 days of the City of San Marcos receipt of this report, please contact the City of San Marcos Stormwater Systems Manager (512-393-8036) in regards to providing a maintenance/repair schedule.





Additional Comm	ents:
	I certify that the information on this inspection form is true and accurate to the best of my knowledge.
	Signature:
	Date: