



Structural Control Inspection Form Constructed Wetland

Inspection 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 precertified engineers provided by the city.



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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

Type of Wetland:

Ties into groundwater Pond with some wetland plantings Multiple pond system

Planter Box Other: _____



Inlet Point Assessment (Where the inflow into the facility originates)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Obstruction (vegetation/debris/ sediment)					
Structural Condition					
Erosion/Undercutting					
Visible pollution (trash, debris, oil sheen, etc.)					
Diseased or dying vegetation					
Sediment accumulation?					
Displacement of rip rap or fabric					
Invasive or woody vegetation					
Comments					



Forebay Assessment

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Sediment accumulation					
Structural condition					
Visible pollution (trash, debris, oil sheen, etc.)					
Algae present					
Mosquitoes present					
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

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



Outfall Structure Assessment

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

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Access restricted (ex: fence, vegetation, etc.)					
Evidence of routine maintenance not being performed					
Is site modified from approved plan					
Facility is operating per permit requirements					
Comments					



Photographs:

Please attach any photographs taken during this inspection at the end of this report. Include a description of each photograph.



Inspection results:

Pass

Inspection determined that the control is operating as it was originally designed and no apparent problems exist.

Pass with conditions

The control is operating as it was originally designed, however, some maintenance items should be addressed as a good housekeeping measure to prevent future deficiencies. These maintenance items are addressed in the above assessments and/or in the additional comments listed below.

Fail

Inspection of the control determined that deficiencies were discovered and the facility is not operating as it was originally designed. Maintenance and/or recommended repairs are addressed in the individual assessments and/or in the additional comments section of this report. See enforcement actions listed 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 control 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.

