



Permanent Stormwater Management Facility Annual Inspection Form Wet Detention Basin

- Initial Inspection**
- Re-inspection**

City of San Marcos Ordinance Section 86.531 - Maintenance and repair of permanent stormwater facilities:

Owner(s) of permanent stormwater management facility(ies) must conduct, at a minimum, an annual inspection of each facility. The inspection report must be prepared by a Texas-licensed engineer and the licensed engineer must be chosen from a list of precertified engineers provided by the city.



**Permanent Stormwater Management Facility
Annual Inspection Form
Wet Detention Basin**

Revised November 16, 2017

Legend:

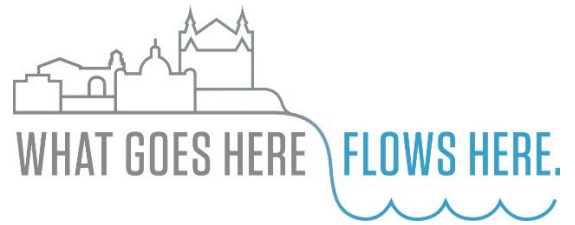
S = Satisfactory – Basin is in a condition that meets original design specs.

U = Unsatisfactory – Basin 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	Corrective Actions	Expected Completion
Sediment accumulation					
Invasive or woody vegetation					
Diseased or dying vegetation					
Comments					



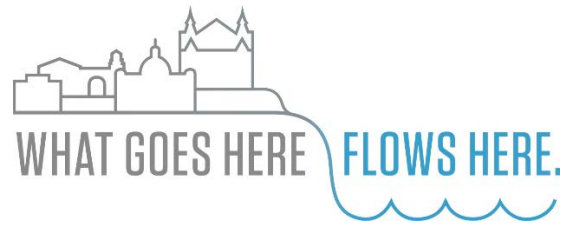
Permanent Pool Assessment (Area of main treatment and further sediment drop-out)

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					



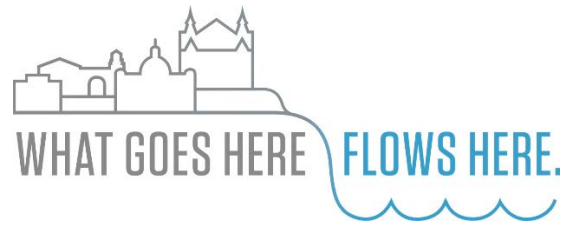
Embankment Assessment (Side slopes, berms within the treatment areas)

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



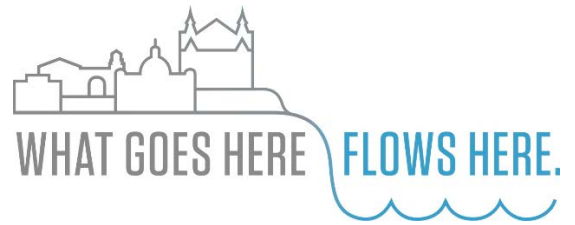
Outfall Structure Assessment (Area where treated water discharges from the facility)

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

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					
Undesired species (animal, insect, etc...)					
Comments					



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:

Pass

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

Pass with conditions

The facility 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 facility 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

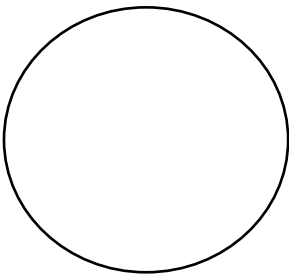
Enforcement Actions

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 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 Comments:



I certify that the information on this inspection form is true and accurate to the best of my knowledge.

Signature: _____

Date: _____