



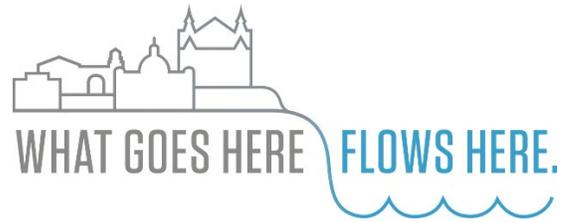
Structural Control Inspection Form

Dry Detention Basin

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.



Structural Control Inspection Form Dry 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**

Type of Dry Detention:

- Detention Sand Filter
- Other: _____

Inflow Points Assessment (Where the inflow into the pond originates)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Obstruction (vegetation/debris/ sediment)					
Erosion/undercutting					
Displacement of filter fabric or rip rap					
Sediment accumulation					
Inflow point structural condition					
Energy dissipation structural issues					
Comments					



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

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Sediment/debris accumulation					
Erosion/undercutting					
Vegetation inadequately maintained					
Unwanted vegetation present (invasive, woody species)					
Flow is by-passing pretreatment					
Comments					

Embankment Assessment (Side slopes, berms within treatment areas)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Erosion/bare soil/loss of dam material					
Unwanted vegetation present (invasive or woody species)					
Animal burrows present					
Vegetation inadequately maintained					
Sparse/unhealthy vegetative cover					
Signs of seepage on downstream face					
Comments					



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

Assessment	S	U	N/A	Corrective Actions	Expected Completion
Standing water (>5 days after a storm)					
Sediment/debris accumulation					
Erosion/undercutting					
Vegetation inadequately maintained					
Unwanted vegetation present (invasive, woody species)					
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					

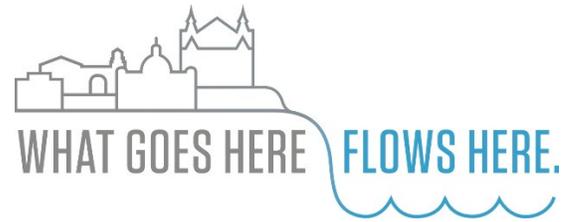


Spillway Assessment (Area where surplus water can pass through)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Eroded/bare areas in spillway					
Unwanted vegetation present (invasive or woody species)					
Spillway obstructed					
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					
Issues with additional features (ex: walkways, fences, etc.)					
Is site modified from approved plan					
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 structure is operating as it was originally designed and no apparent problems exist.
- Pass with conditions**
The structure 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 structure 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.

