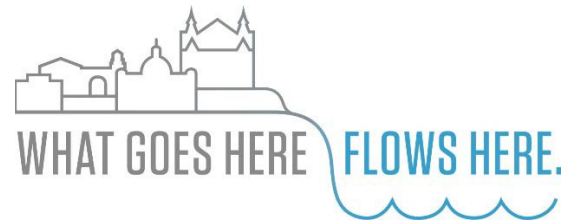


Permanent Stormwater Management Facility Inspection Form Bioretention

- 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
Inspection Form
Bioretention**

Revised February 8, 2018

Legend:

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

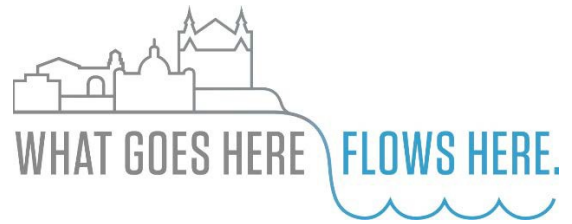
U = Unsatisfactory – Pond is in a condition that does not meet original design specs.

N/A = Not Applicable

Type of Bioretention:

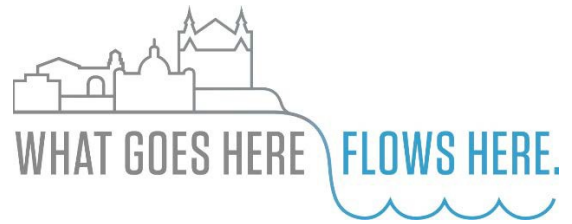
Tree Box Modular Wetland Rain Garden Bioswale

Planter Box Other: _____



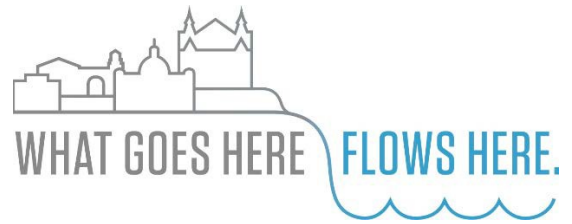
Inflow Points Assessment (Where the inflow into the pond originates)

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					



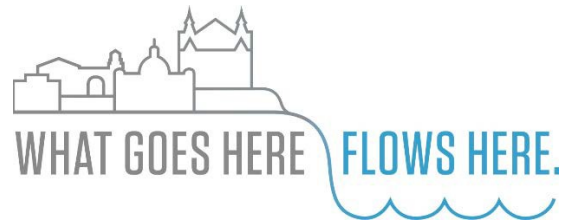
Sediment Forebay Assessment (Pre-treatment area, initial sediment drop-out pond)

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



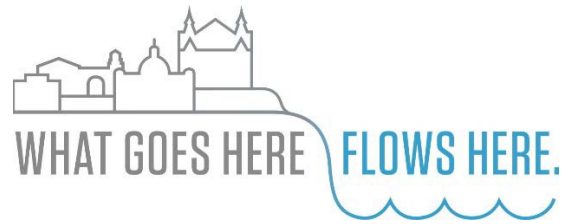
Embankment Assessment (Side slopes, berms within treatment areas)

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 adequately maintained					
Comments					



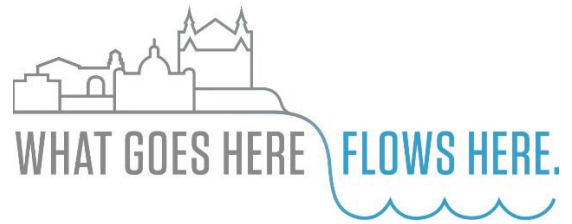
Main Treatment Assessment (Area of main treatment and further sediment drop-out)

Assessment	S	U	N/A	Corrective Actions	Expected Completion
Sediment/debris accumulation					
Erosion/undercutting					
Standing water					
Underdrain free of obstructions					
Vegetation adequately maintained					
Vegetation diseased or dying					
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					

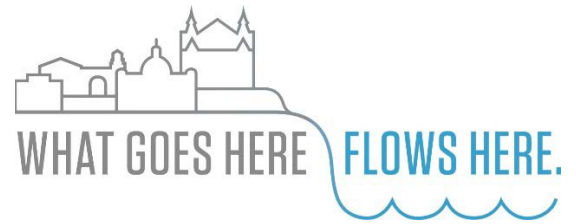


Spillway Assessment (Area where surplus water can pass through)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Eroded/bare areas in spillway					
Unwanted vegetation present (invasive or woody species)					
Spillway obstructed					
Comments					

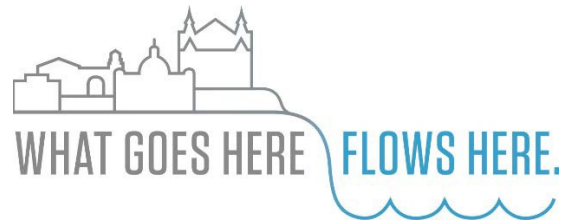
Miscellaneous Assessment

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.)					
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.

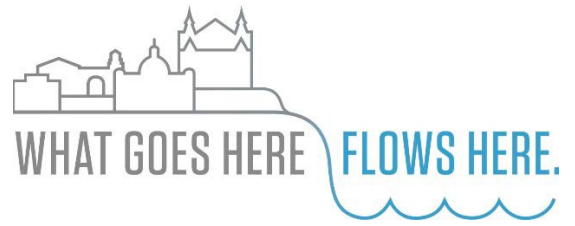
Fail

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

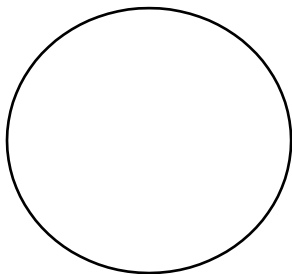
Enforcement Actions

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 this information is true and accurate to the best of my knowledge.

Signature: _____

Date: _____