



Structural Control Inspection Form Underground Detention/Retention 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

Underground Detention Basin

Revised August, 2020

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

Type of Underground Detention:

- Detention
 Retention
 Perforated Pipe
 Vault
 Chambers
 Other: _____

Inlet/Pre-treatment Point Assessment (Where the inflow into the system originates)

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Obstruction (vegetation/debris/ sediment)					
Structural Condition					
Filter Condition					
Comments					



Underground Chamber Assessment* (Main treatment/storage area)

*All applicable OSHA requirements should be followed during and underground detention inspection.

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Sediment/debris accumulation					
Access hatch condition					
Chamber structural condition					
Baffle/weir condition					
Oil accumulation					
Clean out/air vent condition					
Comments					



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

Inspection	S	U	N/A	Corrective Actions	Expected Completion
Obstruction (vegetation/debris/ sediment)					
Control valve assessment					
Erosion/undercutting					
Emergency bypass condition					
Structural condition					
Filter fabric/rip rap displaced					
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					
Surface structures (above unit) failing					
Hazardous fumes/odors present					
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 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 control 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.

