



# **Permanent Stormwater Management Facility Inspection Form Underground Detention/Retention Basin**

**Inspection report submitted for year: \_\_\_\_\_**

## **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  
Underground Detention Basin**

*Revised April 1, 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 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:**

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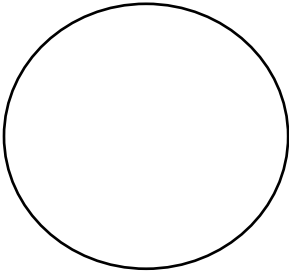
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**I certify that this information is true and accurate to the best of my knowledge.**

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_