

Underground Detention - Maintenance Requirements and Inspection Checklist

Underground Detention is typically used on commercial/industrial sites to provide flood control. They are typically used in combination with another facility that would provide treatment of the full WQ_v. The system will typically consist of underground vaults or pipes and an overflow structure.

Regular inspection and maintenance of stormwater facilities is necessary to ensure effective and proper operation. It is the responsibility of the property owner to maintain all stormwater facilities in accordance with the approved plans and the Stormwater Facility Maintenance Covenant. This page provides general guidance on the recommended inspection and maintenance along with the recommended frequency for each item.

Inspection Activities	Suggested Schedule
<ul style="list-style-type: none"> • After several storm events check the overflow structure and piping for any clogging or blockages. 	After Rain Events
<ul style="list-style-type: none"> • Inspect the facility for the presence of trash and debris. 	Monthly
<ul style="list-style-type: none"> • Inspect for sediment buildup. • Inspect the inlet and outlet pipes and structures for the blockages and damage. • Note signs of pollution, such as oil sheens, discolored water, or odor. 	Annually
Maintenance Activities	Suggested Schedule
<ul style="list-style-type: none"> • Perform structural repairs to the facility. • Clean and remove debris and trash. • Remove pollutants. • Remove sediment when it has significantly reduced the volume of the underground detention system. 	As Needed

UNDERGROUND DETENTION INSPECTION CHECKLIST

Location: _____ Owner Change: Y N
 Owner Name, Address, Phone: _____
 Date: _____ Time: _____ Site Conditions: _____

Inspection Item	Y/N	Comments/Corrective Action Needed
Clear of debris and trash?		
Standing water when no water should be present?		
Evidence of leaks or seeps (into or out of facility)?		
Structural damage?		
Sediment accumulation?		
Other (describe)?		
Other		
Have there been any complaints from residents?		
Public hazards?		

Inspector Name (printed) _____ Inspector Signature _____

Inspections shall be completed at least once per calendar year. Submit a copy of the completed checklist and two photos to the City of Wentzville, Attn: Stormwater Coordinator, 1001 Schroeder Creek Blvd, Wentzville, MO 63385 or by fax 636-327-4892. **Documentation of the corrective action taken (date, by whom, what was done, etc.) must be provided for each item noted above.**