



# Stormwater Compliance and Inspections

## Management and Maintenance Services

Stormwater management facilities are man-made structures that help reduce flooding, slow down water flow and clean pollutants from water. It's important to ensure that your facilities are functioning properly, especially when it rains. So, let SÖLitude Lake Management® be your partner in stormwater facility management. Our professionals are certified to inspect all aspects of your system and to make recommendations for proper maintenance and repairs when required.



## The Importance Of Stormwater Inspections

**Effective stormwater facility management starts with the implementation of an annual inspection program.**

An annual inspection of your stormwater management facility is not only a good idea, but in many cases it is a local or state requirement. In the past few years, new legislation has strengthened the National Pollutant Discharge Elimination System, making compliance even more critical for property owners and managers. Complying with the regulations and proactively managing your stormwater facility not only prevents sediment and pollutants from entering the waters of the state and U.S. as a result of stormwater runoff, but also saves you money over time.

## 5 Key Questions To Answer Before Conducting Annual Stormwater Inspections

- 1** What type of facility do you have?
- 2** How does your stormwater system function?
- 3** Where does water enter the facility and where does it exit or discharge into an adjacent stream, wetland or other stormwater facility/system?
- 4** Does your facility retain, detain or infiltrate stormwater?
- 5** What structural components make up your facility, what are their ages, and of what material are they made?

“

*We were presented with the challenge of dealing with our stormwater basin, which is regulated by EPA standards that we were not familiar with. SÖLitude came in and guided us through the entire process. Our basin went from an eyesore to a spectacular main selling point for our community. We are in good hands with SÖLitude and cannot thank them enough!*

”

**Dawn Crawford**  
HOA President



## Planning And Budgeting For Future Maintenance

Having a management plan that includes annual stormwater inspections will provide owners and managers with the valuable information they need to put together long-term maintenance budgets for the facility. For example, knowing that you have older steel piping that corrodes and breaks down faster versus newer poly pipes is invaluable when trying to predict when those components will need repair or replacement.



### Dredging Your Stormwater Pond

Your facility is an engineered structure, designed to accumulate sediment runoff. Identifying and correcting erosion issues on site will slow down the sedimentation rate, thus extending the useful life of your facility.

Dredging of your pond will eventually be required, and knowing “when” is the key to budgeting. Excessive sedimentation will also greatly reduce a pond’s carrying capacity, which could quite possibly cause a catastrophic failure during the next 100-year storm. Conducting stormwater inspections annually will identify concerns before they get too costly to correct.

## Documenting Your Stormwater Inspection Work

**As with any maintenance practice, it’s always a good idea to document your stormwater inspection work. In many jurisdictions, it is actually a requirement.**

- Use an inspection template from your local municipality, or have a stormwater professional provide a detailed, comprehensive annual inspection report.
- After collecting a couple years of data, you will typically see the seasonal stresses and trends within your facility, allowing you to better budget for annual and long-term stormwater management.
- If you get a compliance letter from your local stormwater authority, having documented inspection and maintenance information will help show regulators that your stormwater facility is being inspected and maintained appropriately.