



## STORMWATER MANAGEMENT, GREEN INFRASTRUCTURE, AND LOW-IMPACT DEVELOPMENT SERVICES



Like the rain itself, stormwater management challenges can seem relentless. From regulatory compliance to erosion control to system design and maintenance, a holistic approach is essential. The preservation and duplication of natural surroundings are important elements of any approach. Successful, sustainable solutions are designed with attention to environmental, technological, and economic considerations. A knowledgeable multidisciplinary consulting firm can design and help implement those solutions.



Science & Engineering Consultants



# Sustainable solutions for stormwater challenges

The success of a stormwater project relies on the skills, versatility, and creativity of the team selected to design a solution. Multiple environmental, regulatory, and economic considerations must be addressed if the solution is to span the life cycle of the project. A consulting firm like SynTerra — with a skilled staff of engineers, scientists, and planners — can make all the difference. With vast experience in public and private sectors, SynTerra applies proven traditional methods and innovative new approaches to designing solutions.

The needs of clients are unique, so SynTerra looks at each stormwater project individually. We also look at the surrounding natural environment, with an eye on preservation and enhancement. We design solutions holistically to fit a client's environmental and technical objectives — on schedule and on budget. SynTerra accompanies a client through every step, from planning to permitting to implementation to maintenance.

## SERVICES/CAPABILITIES FOR STORMWATER MANAGEMENT, GREEN INFRASTRUCTURE, AND LOW-IMPACT DEVELOPMENT:

### Traditional

- Hydrologic and hydraulic
- Pre-Development/Post-Development
- Floodplain
- Drainage study

### Green infrastructure / Low-Impact Development (LID)

- BMPs
- LID planning
- LEED Certified
- Redevelopments /retrofitting

### Capital/Municipal

- Capital projects
- Municipal Separate Storm Sewer System (MS4)
- Combined sewer separations
- Pump stations
- Stormwater program improvements
- Stormwater ordinance review and improvements
- Design and guidance manual review and improvements

### Permitting

- Local
- State
- Federal (Army Corp of Engineers, FEMA, EPA)
- Permit compliance audits
- Policy development

### Other stormwater services

- Water quality sampling
- Underground detention
- Expert witness
- Grant funding
- Mitigation banking
- Stream restoration
- Wetland delineation
- Surveying
- Watershed analysis and restoration

