Weiss Associates provides customized storm water solutions ranging from simple storm water plans to complex hydrologic and hydrogeologic assessments requiring sophisticated modeling. We develop innovative approaches to help our clients comply with regulations on schedule and at low lifecycle costs. With a highly qualified staff and a strong interest in sustainability, Weiss creates long-term solutions that have small environmental footprints and meet our clients’ budgetary constraints.

More than 30 years of experience
Weiss has negotiated and implemented National Pollutant Discharge Elimination System permits for construction, industrial, and municipal sites for more than three decades. We have worked with clients to develop storm water pollution prevention plans and storm water management plans under the California State Water Resources Control Board’s Industrial, Construction, and Municipal permits. Our certified staff is qualified to assist in any aspect of storm water compliance, and we can rapidly deploy a team of field service technicians with 50+ years of combined experience to collect high-quality data.

Expertise in all aspects of storm water management
Weiss stays abreast of regulatory changes and helps our clients implement new requirements. We tailor our solutions by clearly understanding the project and listening carefully to our clients’ needs. We help clients assess and control pollutants at the source, develop active and passive Best Management Practices, design treatment systems, and implement mitigation strategies for a full spectrum of land uses. In addition, our staff is experienced in regulatory compliance, storm water reporting, data management, and analytical chemistry.

COMPREHENSIVE SERVICES

General Storm Water Management
Weiss’s depth of expertise in hydrologic and hydrogeologic assessments, along with our strong modeling skills, allows us to evaluate storm water impacts for projects that require California Environmental Quality Act/National Environmental Policy Act evaluations. We provide peer review of results of surface water, drainage, and infiltration modeling; review the design of Best Management Practices or active treatment systems; support the installation, operation, and maintenance of Best Management Practices and treatment systems; and provide resources to support litigation. We also leverage our extensive experience in soil remediation to develop optimized solutions for managing storm water runoff from contaminated sites or brownfield redevelopment properties.

Construction General Permits
Construction projects that disturb 1 or more acres of soil must comply with the California State Water Resources Board’s General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Order No. 2010-0014-DWQ). Weiss assists developers and property owners in managing storm water runoff from construction projects by performing these services:

- Registering a Notice of Intent to Comply with the terms of the General Permit
- Determining the risk level of the project
- Calculating watershed sediment loads
- Evaluating erosion processes and sediment control options
- Developing and implementing a storm water pollution prevention plan that contains:
  - practical and cost-effective Best Management Practices
  - visual monitoring program
- Chemical monitoring program
- Sediment monitoring plan for sediment-sensitive watersheds (with a sediment total maximum daily load per Clean Water Act 303(d) list)
- Post-construction performance standards
- Implementing active treatment systems and developing required plans
- Collecting and analyzing samples
- Developing and submitting an annual report
**Industrial General Permits**

Weiss has assisted industrial facilities, from high-technology research laboratories to metal recycling facilities and refineries, in complying with the requirements of the Industrial General Permits. We develop customized programs and site-specific or group monitoring plans to meet clients’ operational constraints. Our services include:

- Storm water pollution prevention plans
- Integration of storm water requirements into environmental management systems or other operational systems
- Source control to eliminate pollutant discharges
- Smart Best Management Practices design that minimizes long-term operational and maintenance costs
- Best Management Practice implementation and effectiveness evaluations
- Compliance inspections
- Facility and group monitoring
- Rapid deployment to collect samples during rain events
- Streamlined data processing and annual reporting
- Training
- Negotiations with the Regional Water Quality Control Board
- Litigation support

**Weiss’s systematic analyses yield practical solutions that match our clients’ overall compliance approaches and leverage existing resources and systems.**

**Municipal Permits**

Weiss has a long history of assisting municipal and institutional clients, including counties, ports, and city departments, with environmental services. We support municipalities, agencies, and non-traditional Municipal Separate Storm Sewer Systems in developing, implementing, and maintaining a Storm Water Management Program in compliance with the Phase II Small Municipal Separate Storm Sewer Systems General Permit. We help developers and architects comply with the requirements of the Municipal Regional Permit for the San Francisco Bay Area. Our clients gain streamlined, cost-effective, long-term solutions, including the following:

- Storm water management plans and reports
- Development and implementation of sampling and analysis plans for watershed planning and total maximum daily load compliance
- Pollutant identification and source control assessments
- Pollutant fate and transport evaluations
- Hydrologic studies and evaluations
- Geologic and soil studies for infiltration/evapotranspiration assessments
- Continuous simulation of urban runoff and stream flow using the EPA Storm Water Management Model and Army Corps Hydrologic Engineering Center-Hydrologic Management System models
- Watershed and project-specific hydromodification management plans
- Infrastructure assessments and feasibility evaluations of upgrade options
- Engineering design of storm water collection and conveyance systems
- Design of bioswales, biofilters, media filters, and detention and retention basins
- Use of green infrastructure and low-impact development Best Management Practices

**Weiss provides sound technical solutions to meet or exceed regulatory requirements.**

**ABOUT WEISS ASSOCIATES**

Weiss is a State of California-certified small business and a small business under Federal North American Industry Classification System code 562910 for remediation services, 541620 for environmental consulting services, and 541330 for engineering services. Weiss holds a California Class A General Engineering Contractor’s License with Hazardous Substances Removal and Remedial Actions Certification and a C-57 Water Well Driller’s License, enabling us to provide a broad range of field capabilities, from environmental sample collection to remediation. Our staff holds all requisite certifications to support storm water projects.

**Contact**

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Weiss’s excellent reputation reflects a 30-year commitment to collecting high-quality, defensible environmental data.