

Other Projects

Environmental Compliance Officer, Saugus, Massachusetts

Prime Consultant

Ongoing

SDE is responsible for assisting the town with complying with an Administrative Consent Order. Part of this effort includes administering the town's Sewer Bank.

Storm Water Sampling, Boston University, Boston, Massachusetts

Prime Consultant

Completed 2006

SDE collected storm water samples at the Babcock Street parking lot. The samples were used to determine the effectiveness of the storm water treatment system at that location.

Flow Metering Assistance, CMOM, Narragansett Bay Commission, Rhode Island

Subconsultant to RjN Group, Inc.

Completed 2005

SDE was responsible for assisting in the installation, maintenance, and data collection of flow meters for the Narragansett Bay Commission.

Sewer Capacity Management Program, Groton, Massachusetts

Subconsultant to Woodard & Curran, Inc.

SDE inspected all of the sanitary sewer manholes in the town in an effort to identify physical deficiencies in the system and potential locations of inflow and/or infiltration.

Storm Water Management Plan, Framingham, Massachusetts

Subconsultant to Rizzo Associates, Inc.

SDE performed a GPS survey of more than 400 storm water outfalls in the town.

Inflow and Infiltration Study, Braintree Massachusetts

Subconsultant to Savin Engineers, P.C.

SDE was a member of the field crew performing flow isolation and closed-circuit television inspection work in the Howie Road tributary area in Braintree, Massachusetts.

Soil Evaluation and Percolation Testing

Various Clients

Ongoing

SDE provides these services in support of on-site sewage disposal for septic systems and small-scale wastewater treatment facilities.

Lower Dorchester Brook Sewer Study, Boston Water and Sewer Commission

Subconsultant to Rizzo Associates, Inc.

Ongoing

Dorchester High Level Sewer Study, Boston Water and Sewer Commission

Subconsultant to Weston & Sampson Engineers

Completed 2005

Sewer System Rehabilitation Methods and Costs Report

Subconsultant to ADS Environmental Services

Completed 2008

Metering Data Analyses for Inflow and Infiltration, Hopkinton, Massachusetts

Subconsultant to Earth Tech, Inc.

Completed 2008

Flow Metering Assistance, Johnston, RI

Subconsultant to ADS Environmental Services

Completed 2008

GPS Survey for Citywide Illegal Connection Identification – Phase 2, Boston Water and Sewer Commission

Subconsultant to CH2M Hill

Ongoing

Operations and Maintenance Manual for Lake Mirimichi Well Pumping Station, Plainville, MA

Subconsultant to Stantec, Inc.

Completed 2007

Dry Weather and Wet Weather Outfall and Runoff Sampling Watertown, MA

Subconsultant to Stantec, Inc.

Ongoing

Critical Operational Factors that Affect Road Salt Usage and the Effectiveness and Efficiency of Salt Spreading Operations and Equipment MassHighway

Subconsultant to Geosphere Environmental Management, Inc.

Ongoing

Inflow and Infiltration Analyses, Private Development in Somerville, MA

Subconsultant to VHB, Inc.

Ongoing

sde

civil and environmental engineering
and field services



Stacey DePasquale Engineering (SDE) is a well-respected firm that has been providing storm water and wastewater related services to numerous public and private clients since 1999. SDE is a certified Woman-owned Business (WBE) and a certified Disadvantaged-owned Business (DBE) in all of the New England states.

SDE is a technologically progressive and entrepreneurial company. This is an innovative operation with an impressive client list and proven support. The owner is able to maintain a “hands-on” approach to project work and is involved in every project. All of SDE’s full time technical and field staff have degrees in either engineering or environmental science.

Providing:

- illicit connection detection
- sewer bank administration
- manhole inspection
- outfall inspection
- storm drain inspection
- private property inflow source inspection
- dyed water testing
- water quality sampling
- in-situ water quality testing
- storm water sampling
- surface water sampling
- storm drain design
- sanitary sewer design
- hydraulic modeling
- hydrologic analyses
- research and data analyses
- hydraulic metering data analyses
- septic system design
- soil evaluation
- percolation testing
- construction oversight
- construction administration
- regulatory compliance
- paperless data collection
- PDA database programming
- GPS survey

354 Merrimack Street, Suite 200
Lawrence MA 01843-1755
p| 978.975.0500
e| info@sdepasquale.com
www.sdepasquale.com

10 Celebrating
10 Years
in business

Construction Oversight & Administration

SDE provides construction oversight and administration services for various sanitary sewer, storm drain, and water infrastructure projects.

Saugus Sewer Rehabilitation – Contract #1, Saugus, Massachusetts
Subconsultant to CDM
Completed 2007

Bulfinch Triangle Sewer Separation Project, Boston Water and Sewer Commission
Subconsultant to Green International Affiliates, Inc.
Under Contract

Sewer Rehabilitation Program, Fitchburg, Massachusetts
Subconsultant to Dufresne-Henry
Completed 2006

Water Main Construction, Groton, Massachusetts
Subconsultant to Stantec, Inc.
Scheduled for 2007

Water Main Improvements, Townsend, Massachusetts
Subconsultant to Dufresne-Henry
Completed 2006

West Street Water Treatment Plant, Auburn, Massachusetts
Subconsultant to Dufresne-Henry, Inc.
Completed 2006

Sunnyhill Road Steel Hydropillar Tank Construction and Water Main Replacement, Town of Lunenburg, Massachusetts
Subconsultant to Dufresne-Henry, Inc.
Completed 2005

Crescent Street & East Street Water Treatment Plants, East Bridgewater, Massachusetts
Subconsultant to Stantec, Inc.
Ongoing

King Philip No. 3 Water Treatment Plant, Raynham, Massachusetts
Subconsultant to Stantec, Inc.
Completed 2008

Wastewater Treatment Plant & Main Pump Station Upgrade, Athol, Massachusetts
Subconsultant to Stantec, Inc.
Completed 2007

Plains Area Sanitary Sewer Project Easthampton, MA
Subconsultant to SEA Consultants, Inc.
Completed 2008

Engineering Design

SDE provides design services in addition to other services in support of the design process including data analyses, modeling, and construction specification and plan development.

Drainage Designs, Saugus Massachusetts
Prime Consultant
Completed 2006

Inflow Survey for Large Impervious Areas and Large Flat Roof Buildings
Subconsultant to Dufresne-Henry, Inc.
Completed 2005

Storm Drainage Improvements, South West Park, Westwood, Massachusetts
Subconsultant to Eggleston Environmental

Boston Museum of Fine Arts, Drainage Analyses, Boston, Massachusetts
Subconsultant to Eggleston Environmental

Storm Drainage Design and Civil/Site Specification Development, New Patriot's Stadium (Gillette Stadium), Foxborough, Massachusetts
Subconsultant to Rizzo Associates, Inc.

Memorial Drive Housing Limited Partnership, Drainage Improvements, Cambridge, Massachusetts
Subconsultant to Cygnus Group

Professional Resume

WOMAN-OWNED BUSINESS ENTERPRISE (WBE)
Massachusetts | Rhode Island
Connecticut | New Hampshire
Maine | Vermont

DISADVANTAGED BUSINESS ENTERPRISE (DBE)
Massachusetts | Rhode Island
Connecticut | New Hampshire
Maine | Vermont

CERTIFICATIONS

- Registered Professional Civil Engineer, Massachusetts
- Certified Soil Evaluator, Massachusetts
- OSHA 1910.120 HAZWOPER 40 Hour Health and Safety
- OSHA Confined Space Entry Licensed Professional

Illicit Discharge Detection and Elimination

SDE identifies direct and indirect sources of sewage discharging to municipal storm water outfalls through the storm drainage systems. The work includes manhole inspections, in-situ field measurements (temperature, pH, conductivity, ammonia, and surfactants) to confirm contamination, and building connection dye testing to identify illicit connections. The work is performed in accordance with the requirements of the Environmental Protection Agency.

Citywide Illegal Connection Identification, Boston Water and Sewer Commission
Subconsultant to Earth Tech, Inc.
Completed 2008

Watertown, Massachusetts
Subconsultant to Stantec, Inc.
Ongoing

Medford, Massachusetts
Subconsultant to VHB, Inc.
Ongoing

Faneuil Brook Illicit Connections Project, Boston Water and Sewer Commission
Subconsultant to Earth Tech, Inc.
Completed 2004

Stony Brook Illicit Connections Project, Boston Water and Sewer Commission
Subconsultant to Earth Tech, Inc.
Completed 2004

Roxbury Canal Sewer Separation
Subconsultant to Fay, Spofford & Thorndike, Inc.
Ongoing

Citywide Illegal Connection Identification – Phase 2, Boston Water and Sewer Commission
Subconsultant to CH2M Hill
Ongoing

Inflow and Infiltration

SDE inspects sanitary sewer infrastructure to document the structure condition and identify the presence of infiltration. SDE also performs internal and external residential and non-residential building inspections for the purpose of identifying inflow sources on private property.

Private Property Inflow and Infiltration Survey, Saugus, Massachusetts
Prime Consultant
Completed 2007

Granite Avenue Inflow and Infiltration Survey, Boston Water and Sewer Commission
Subconsultant to Dufresne-Henry, Inc.
Completed 2005

West Roxbury Low Level Sewer Inflow and Infiltration Study
Subconsultant to BETA Group, Inc.
Ongoing

Southbridge Inflow and Infiltration Study
Subconsultant to Weston & Sampson Engineers, Inc.
Completed 2008

The Clean Water Project, Connecticut
Subconsultant to Flow Assessment Services, LLC
Completed 2007

Sewer System Evaluation Survey Meriden, CT
Subconsultant to ADS Environmental Services
Completed 2008

Sewer Separation

SDE inspects wastewater and storm water infrastructure for the purpose of developing sewer separation plans. SDE also collects data for use in modeling.

Roxbury Canal Sewer Separation
Subconsultant to Fay, Spofford & Thorndike, Inc.
Ongoing

Bulfinch Triangle Sewer Separation Project, Boston Water and Sewer Commission
Subconsultant to Green International Affiliates, Inc.
Completed 2006

Reserve Channel Sewer Separation Project, Boston Water and Sewer Commission
Subconsultant to Rizzo Associates, Inc.
Ongoing

090 Sewer Separation Project, Boston Water and Sewer Commission
Subconsultant to Rizzo Associates, Inc.