DOWNSTREAMSERVICES.COM

Stormwater & Wastewater Systems Specialists



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We are never afraid of a challenge.

We provide quality service that works for the client and the environment.

We have the right equipment, the right skills and the right team to tackle your toughest jobs.

We are a family owned and operated business, dedicated to keeping our clients and staff healthy, happy and safe.

Trained and Certified per OSHA and EM 385 Standards

Contact us for a complete list of current licenses and certifications

Downstream Services is a certified small business enterprise and general engineering firm with offices in San Diego and Ventura counties.



FOR MORE THAN 20 YEARS

Downstream Services has continuously provided critical solutions in environmental compliance. We are the defenders of our water resources and the life it supports.

Our highly skilled personnel and substantial fleet of specialty equipment serves the needs of California communities, delivering quality service and customer experience that is centered on the client's goals and objectives. By taking the time to truly listen and understand our customers, we ensure the best possible outcome on every project, regardless of its size or complexity.

KEY SERVICES

Downstream Services specializes in the assessment, maintenance and rehabilitation of stormwater, wastewater and underground utility systems.



PIPELINE ASSESSMENT + MAINTENANCE

CCTV pipeline inspection, PACP condition assessment, pipeline cleaning, hydrojetting and manhole inspection

STORMWATER COMPLIANCE + POLLUTION PREVENTION

Assessment and maintenance of conveyance systems, inspection and cleaning services, compliance recommendations and guidelines



UNDERGROUND SERVICES + TRENCHLESS TECHNOLOGIES

UV GRP pipeline rehabilitation, installation and repair of wet utilities

INSTRUMENTATION + PUMP STATION MAINTENANCE

Installation and maintenance of pump stations and flow monitoring

24 HOUR EMERGENCY RESPONSE

- 24/7 Emergency response availability
- Removal, transportation and waste disposal
- Emergency repairs and bypass pumping

ENDORSED AND LICENSED

Downstream Services provides efficient and safe solutions for waste removal and is endorsed to handle, transport and dispose of contaminated and non-contaminated waste. Contact us for a complete list of current licenses and certifications.



Condition Assessment Fleet & Capabilities

- CCTV Inspection Camera Systems for Lines
 6" and Larger in Diameter
- Large Diameter Line Inspection Float Transporters
- Storm Drain Camera Transporters
- Push Camera Systems for Lateral Inspection
 2" 6" in Diameter
- Long Range Sonar Inspection Unit
- Manhole Inspection System

CCTV INSPECTION + CONDITION ASSESSMENT

With its extensive fleet of CCTV inspection vehicles, equipment and certified, highly skilled team members, Downstream Services has the resources and expertise to inspect and assess wastewater collection and stormwater conveyance systems accurately and efficiently.



Our NASSCO PACP, LACP and MACP certified technicians deliver real-time video/audio documentation and analysis reports to assist our clients in planning needed maintenance and rehabilitation projects.

LATERALS PIPELINES MANHOLES

Downstream Services inspection systems are capable of articulating in adverse pipe conditions ranging from 3 to 200 inches in diameter and up to 6,000 feet in length.

Our long range CCTV and sonar equipment extends assessment capabilities to provide detailed information on charged pipelines with cross-sectional scans and calculation of a structure's total volume of sediment and debris in varying flow conditions—information that is critical to assessing the performance and health of large diameter pipelines.

PIPELINE CLEANING + MAINTENANCE

HYDROJETTING

With units capable of water pressures up to 4000psi at 180gpm, we combine vacuum and water technology for effective cleaning, scouring of tuberculation, rust and root removal. Our trucks are equipped with recycling, dewatering and compaction capabilities to increase productivity, create dryer payloads and lower disposal costs.

MECHANCIAL BUCKET CLEANING

Solid debris that cannot be effectively removed through hydrojetting is remedied by special heavy duty cable and bucket machines that can muscle 10,000 lbs of pull at a distance of 400 feet.



The crew that came out are extremely impressive! A job well done! We will definitely be using your firm again.

-- Ryan, City of SM Facilities Maintenance

THE RIGHT METHOD + TOOLS FOR THE JOB

From mechanical bucket machines to high-pressure combination trucks, Downstream Services offers a wide variety of methods for cleaning and disposal.

We select the preferred method of cleaning based on the following variables:

- Previous History and Structural Composition
- Project Footprint and Site Conditions
- Quantity of Debris and Flow Levels

Camel Jet/Vacuum Combo Trucks Recycling Camel Jet/Vacuum Combo Trucks 750 Gal Mini Pumper Trucks Trailer Jetters 4,000 Gal Pumper Trucks Push Plate Systems Mechanical Bucket Cleaning Systems Transportable Treatment Units (TTU) Bypass Pumping Systems Wide Range Of Nozzles, Proprietary Attachments and Specialty Cleaning Tools

TRENCHLESS PIPELINE REHABILITATION

Downstream Services in an authorized installer of Alphaliner[®] ultraviolet light glass reinforced pipe (UV GRP) from Reline America[®]. This trenchless pipeline renewal method is designed for the rehabilitation of lines ranging from 6" to 72" inches in diameter.



Alphaliner[®] UV GRP

Possesses superior structural strength with a 50+ year performance life. It's speed, simplicity and ease of installation limits community impact and delivers exceptional ROI.

Alphaliner is an environmentally-friendly solution with no release of styrene condensate, no liquid waste, low energy consumption and less construction noise.

The Quality Tracker System[™] monitors the installation process and liner integrity prior to and throughout the curing process to ensure installation quality and a sustainable performance of the liner.

UNDERGROUND SERVICES

We specialize in wet utility infrastructure improvement, providing installation and rehabilitation using a variety of methods, each designed to offer an alternative to traditional dig and replace methods. Sewer Lines Water Lines Storm Drains Manholes Valves Lift Stations Pump Stations Other Process Mechanical Work

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STORMWATER SOLUTIONS

Downstream Services strives to ensure the sustainability of our waterways for future generations by addressing pollution prevention, establishing Preventative Maintenance Programs (PMP), Treatment Control Programs (TCP) and providing ongoing education to our staff and clients. In accordance with the Clean Water Act (CWA) and National Pollutant Discharge Elimination System Permit Program (NPDES), we have established a dedicated division to assist clients with compliance of Federal, State and local regulations.





Biological Swales Detention and Retention Basins Filter Sales and Installation Green Infrastructure Hydrodynamic Separator Units (HDS) Isolator Rows Pervious Surfaces



LET US GUIDE YOU

The NPDES permit controls water pollution by regulating point sources that discharge pollutants into waters of the United States.

The State of California has been delegated to implement the permit through the State Water Board and the nine Regional Water Quality Control Boards.

These laws were established to ensure that point source systems (WQMP/SUSMP/ SWMP/SWPPP/MS4) are effectively removing contaminants that would otherwise drain into our waterways.

Scheduled inspection and maintenance of stormwater conveyance systems is not only required, but is also important to effectively sustain our water resources. Our certified professionals in Stormwater Quality will customize a program to include the following:

- Assessment of the Storm Water Conveyance System
- TCBMP Recommendations and Guidelines
- Inspection, Post-Construction Installation and Cleaning Services
- Lab Analysis, Disposal and Manifesting
- Compliance and Annual Maintenance Verification Forms

We offer a no-obligation site inspection to verify property needs and requirements.

INSTRUMENTATION + PUMP STATION MAINTENANCE

Downstream Services plans and implements preventative maintenance programs and engineered assessment for sewer and storm drain pump stations.

We design, build and maintain pump stations using the latest industry standards and best practices.

Technicians are available 24/7 to respond to emergency pump station and instrumentation issues.

- PM PROGRAM PLANNING &
 IMPLEMENTATION
- TEMPORARY & PERMANENT FLOW MONITORING
- TROUBLESHOOTING STATION CONTROL ISSUES
- PUMP STATION INSTALLATION REPAIR & REPLACEMENT



FLOW MONITORING

We have the latest in flow monitoring technology that allows us to monitor and record flows for all fluid process and waste flows. We can temporarily or permanently monitor both gravity and forced main applications.



Downstream Services is currently listed as a "Special Emergency Response Team" with various agencies, including the Department of the Navy, California Department of Transportation, Municipal and private organizations.

EMERGENCY RESPONSE

Downstream Services provides emergency services for stormwater, wastewater and water systems 24 hours a day, seven days a week.

With the ability to mobilize vehicles and equipment within two hours or less, we can provide:

- Confined Space and SCBA Entries
- Hydro-Jetting, Vacuum Cleaning and Containment
- Real-Time CCTV Inspections
- Location, Assessment and Remediation of Breaks, Blockages and Overflows
- Investigation of Sink Holes
- Storm Drain Cleaning from Illicit Dumping
- Emergency Bypass Pumping
- Assessment, Replacement and Repair of Underground Utilities
- Instrumentation Analysis and Repair
- Pump and Process Systems Analysis and Repair

As a precautionary measure, Downstream Services maintains a standard Sanitary Sewer Overflow (SSO) operating procedure which serves as a guideline to assist and mitigate spill containment.

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