

WATER AND WASTEWATER



We have solutions to your water and wastewater challenges

From planning and permitting to design and construction, Hanson will carry you through from start to finish. We have experienced leaders with knowledge of a wide variety of water and wastewater projects, from master planning to water and sewer hydraulic modeling. Our team can manage the design of your projects while working in compliance with regulatory permit requirements.





Managing your needs from beginning to end

Planning and program management

We have the staff and experience to assist public works departments in managing their infrastructure programs, from the replacement of aging infrastructure to meeting new regulatory requirements and managing system growth. Our staff can provide the planning and help to enact long-term capital improvement programs, assist in bidding and construction services and help with budget management.

Asset management

Our technical staff can inventory your existing infrastructure. We have the knowledge and tools to compile assets in a comprehensive GIS format that will allow the development of long-term infrastructure planning.

Design

At Hanson, we have the technical skills and experience to design water and sewer infrastructure, from a simple water main extension to a complete wastewater treatment plant. Our team can meet the challenges of aging infrastructure, expansion of existing facilities or growth in new and undeveloped area.

Funding source applications

For a project to become reality, it must have a funding source. We create planning documents that meet the requirements of federal programs, and our team can assist in guiding you through the application processes to receive available funding.

Highlights of our experience

Master planning

Asset management

- inventory and condition assessment
- rate studies
- GIS mapping and data management
- corrosion studies
- fire flow analysis

Water and sewer hydraulic modeling

Design

- gravity and relief sewers
- lift stations and forcemains
- water distribution piping
- water booster pump stations
- water storage tanks
- water transmission
- water and sewer treatment upgrades
- well design
- reclaimed water reuse
- on-site wastewater treatment

Sanitary sewer condition assessment

- NASSCO certified staff
- in situ sewer, manhole and lateral assessment

Regulatory permitting

Funding source applications



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