

ENVIRONMENTAL ENGINEERING



COMPLIANCE
PERMITTING
REMEDIATION SERVICES
NEPA SUPPORT
SPCC/SWPPP/SPILL PLANS

MISSION STATEMENT

Our mission is to provide Operations Research, and Civil and Environmental Engineering services with an emphasis on quality, functionality, and sustainability, through a focused approach on the client's needs, resulting in projects on-time and on-budget.

ENVIRONMENTAL ENGINEERING

Markets:

- Federal (DOD DOI, VA experience)
- Public Works (Real Property, Water, Waste Water, Storm Water)
- Private, Commercial, & Residential Developments
- Contractors for Design-Build and Construction Support

Environmental Services:

- Two Nevada Certified Environmental Managers
- One Licensed Environmental Engineer & Three Civil Engineers
- Sustainable Design & Engineering

Compliance:

- Compliance Audits & Management Plans

Permitting:

- Water Systems; Wastewater Systems; NPDES Permits.

Remediation Services:

- Initial Investigations; Sampling Plans; Remediation Options.

NEPA Support:

- Desert Tortoise Monitoring & Biological Survey's; NEPA Document Preparation; Water Resources Evaluation

Plan Preparation:

- SPCC Plans, SWPP Plans, and Spill Plan preparation.

Communication:

- Dedicated PM; use 3D models when appropriate

Quality Control:

- ISO 9000 compliant QA/QC program.

Locations:

- Business License & Licensed Engineers in CA, AZ, NV



S&B CHRIST
CONSULTING, LLC.

CORE VALUES:

- INTEGRITY
- QUALITY
- EFFICIENCY

CONTACT INFORMATION:

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STATUS:

- SBA 8(a)
- WOMAN OWNED
- DISADVANTAGED
- VETERAN OWNED
- SERVICE-DISABLED VETERAN OWNED
- SMALL BUSINESS



NAICS CODES:

- 541330—Engineering Services
- 541340—Drafting Services
- 541618—Other Management Consulting Services
- 541620—Environmental Consulting Services
- 541690—Other Scientific and Technical Consulting

EXAMPLE PROJECTS



NASA Environmental Compliance Assessment:

Compliance assessment of 128 facilities over a two week period.
 Client: NASA; Subconsultant to Herndon Solutions Group
 Scope: Compliance assessment for Air Emissions, Hazardous Materials & waste, Pesticide Management, Solid Waste, POL, Storage Tanks, Toxic Substances, Wastewater Management and Water Quality.
 Fee: \$16,484.04; Benefit: Broad environmental background and expertise



Air Force Programmatic Environmental Impact Statement:

Prepared a PEIS for missions covering 200 buildings and over 3,000 acres.
 Client: US Air Force; Subconsultant to URS
 Scope: Prepared the water resource sections including the water, waste water, storm water, and groundwater. Prepared planning documents to assess future impacts.
 Fee: \$50,000, Benefit: Licensed Engineer with Environmental compliance background.



Callville Bay Wastewater Treatment Facility:

Construct a new wastewater treatment facility near Lake Mead Nevada.
 Client: National Park Service; Subconsultant to Marcon Engineering
 Scope: Contractors environmental representative responsible for desert tortoise monitoring, SWPPP compliance, spill reporting and all other environmental issues.
 Contract: Construction Management
 Fee: \$106,357.50, Benefit: Broad environmental background provided flexibility



Cedar Pass Water System:

Permitted an existing AF non-transient non-community water system.
 Client: US Air Force; Subconsultant to URS
 Scope: Prepared the Application, Hydraulic Analysis, O&M Manual, Sampling Plan, Backflow Plan, Completed an Engineering Assessment and Coordinated with State
 Fee: \$32,800, Benefit: Completed contract approximately \$1,500 under budget



Southern Nevada VA Legionella Investigation:

Health Risk Assessment for Legionella in the water system at eight health care sites.
 Client: Department of Veteran Affairs
 Scope: Legionella water assessment per ASHRAE 188P for eight medical facilities in southern Nevada within over one million square feet of active hospital floor space.
 Contract: Services
 Fee: \$19,775, Benefit: Completed assessment in one month and on budget



Otay Water District SPCC Plan Preparation:

Prepared five Spill Prevention Control and Countermeasure Plans
 Client: Otay Water District, California; Subconsultant to Herndon Solutions Group
 Scope: Prepared 5 SPCC plans and recommended spill response equipment.
 Contract: Services
 Fee: \$9,013, Benefit: Licensed Engineer with Environmental compliance background.



NERT Pump Station Engineering:

Converted two monitoring wells into extraction wells for groundwater treatment system.
 Client: Nevada Environmental Response Trust; Subconsultant to ENVIRON
 Scope: Prepared the design drawings converting two monitoring wells into extraction wells and tying into the existing groundwater treatment and monitoring system.
 Fee: \$25,055; Benefit: Licensed engineer with environmental compliance background.



Searchlight Collection System and Groundwater Recharge Assessment:

Septic system conversion study; sewer condition assessment of 28k LF & 128 manholes
 Client: Clark County Water Reclamation District; Subconsultant to Carollo Engineers
 Scope: Prepared Conversion Study Report and Managed Condition Assessment
 Contract: Design-Bid-Build
 Fee: \$206,000, Benefits: Completed scope approximately \$80,000 under budget

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