

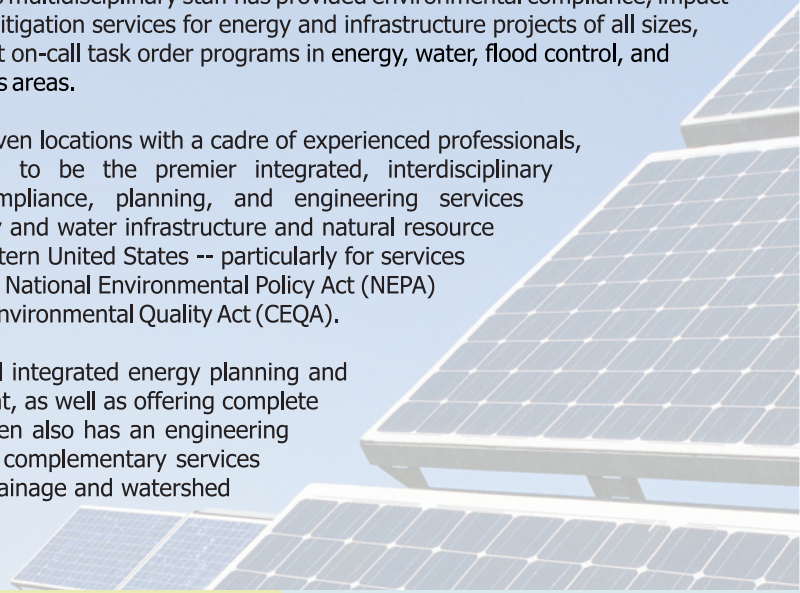


Introduction

Since 1991, Aspen's multidisciplinary staff has provided environmental compliance, impact assessment, and mitigation services for energy and infrastructure projects of all sizes, including significant on-call task order programs in energy, water, flood control, and telecommunications areas.

Consulting from seven locations with a cadre of experienced professionals, Aspen has grown to be the premier integrated, interdisciplinary environmental compliance, planning, and engineering services provider for energy and water infrastructure and natural resource projects in the western United States -- particularly for services associated with the National Environmental Policy Act (NEPA) and the California Environmental Quality Act (CEQA).

We also have a full integrated energy planning and analysis department, as well as offering complete GIS services. Aspen also has an engineering division to provide complementary services in surface water drainage and watershed management.



Environmental Services

- ✦ NEPA and CEQA Document Preparation
- ✦ Permitting and Regulatory Compliance
- ✦ Mitigation Monitoring
- ✦ Air Quality Studies and Modeling
- ✦ Biological Studies and Surveys
- ✦ Environmental Planning
- ✦ Habitat Assessment
- ✦ Hydrologic/Hydraulic Analysis
- ✦ Public Participation
- ✦ Geographic Information Systems

Integrated Energy Planning and Analysis

Electricity and Natural Gas

- ✦ Rate Case Testimony
- ✦ Efficiency & Demand Forecasting
- ✦ Resource and Transmission Planning
- ✦ Technology Assessment

Climate Change

- ✦ GHG Mitigation Plans
- ✦ Alternative Regulation Design

Water and Air Policy Analysis

- ✦ Policy Analysis including Regional Economic Impacts
- ✦ Cost/Benefit Analysis of New Water Resources
- ✦ Hydropower Relicensing Economics



Contract Holder



Overview

Our expertise in assembling specialty teams and our effective management of complex, high profile projects is unsurpassed. We build lasting client relationships through our responsiveness, loyalty, anticipation of client needs, focus on problem solving and efficient management.

Our staff members are highly trained professionals in such disciplines as environmental science, biological resources, engineering, and physical science (including air, water, earth and noise disciplines), and social science (land use, recreation, and socioeconomics). We also have an experienced mitigation monitoring staff.

Aspen provides professional environmental and engineering services almost exclusively for local, state, and federal government agencies. We have managed multiple task order contracts of over \$20 million and individual projects of over \$10 million in size, as well as numerous smaller projects.

Our Strengths

Aspen's hallmark is client service. Our record of excellent responsiveness and performance for our clients enables us to provide potential clients with the best possible references. Our goal is to provide superior service and thereby establish a productive long-term relationship with each client. We are known for on-time production of high quality, technically superior work products.

Our staff has the knowledge of the details of infrastructure projects that allows us to develop a complete and accurate project description--the basis for impact assessment. We are able to study a proposed project and identify the key issues; develop a tailored team that is best suited to the project; and manage that team for high quality and efficient work.

We work for the most significant infrastructure agencies in California and have a thorough understanding of large-scale programs as well as the project needs of smaller local agencies. Aspen has gone beyond project work to provide consultants serving as "virtual staff" for agencies with short-term needs for in-house specialists.

Aspen's broad experience and expertise allow us to provide comprehensive, interdisciplinary analyses of project impacts in support of decision making at the federal, state, and local levels.



Aspen Consulting Engineers

- ◆ Stream flow and floodplain modeling
- ◆ Floodplain mapping
- ◆ Flood drainage assessment
- ◆ Analysis of hydraulic structures
- ◆ Watershed sediment modeling
- ◆ FEMA map revisions
- ◆ Flood control planning
- ◆ Peak flow determination
- ◆ Drainage Design
- ◆ Watershed simulation and hydrologic routing

Project Types

Energy

- ◆ pipelines
- ◆ transmission lines
- ◆ power plants
- ◆ marine terminals
- ◆ oil and gas exploration
- ◆ hydroelectric power

Renewable Energy and Climate Change

Telecommunications

Educational Institutions

Habitat Restoration

Water Supply and Drainage

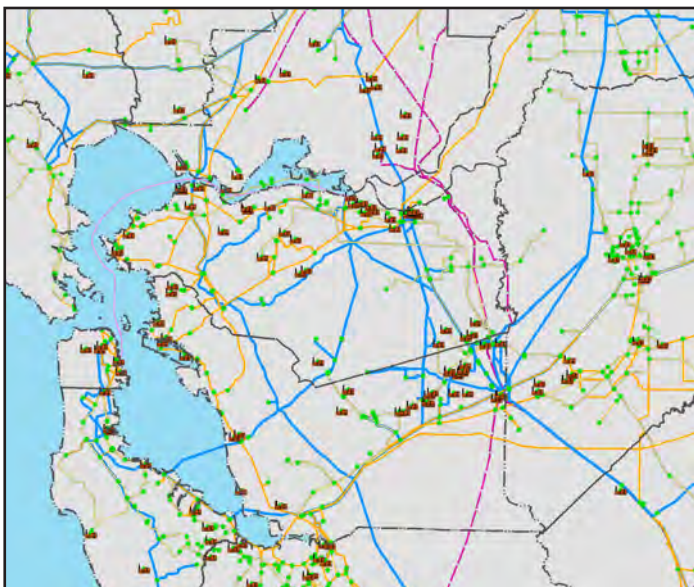
- ◆ pipelines
- ◆ storage reservoirs
- ◆ aqueducts
- ◆ wells
- ◆ water treatment
- ◆ watershed management planning
- ◆ flood control
- ◆ hydrology
- ◆ sediment
- ◆ transport
- ◆ hydraulics



Integrated Energy Planning and Analysis

Climate change, renewable energy technology improvement, and the emergence of smart grid technologies are motivating policies that will dramatically change how future energy and natural resource needs are met in the West. Aspen recognizes that advances in science, technology and policy have elevated the importance of integrated evaluations of environmental, engineering, and economic trade-offs and synergies. In response, Aspen has supplemented its core environmental science and engineering expertise with complementary economic and engineering expertise. Aspen's Integrated Planning and Analysis Division provides policy makers with these critical capabilities needed to address the West's emerging policy challenges. Aspen's core clients are public sector clients and thus, like Aspen's core Environmental Services business, Aspen's Planning and Analysis staff are free from private developer conflicts of interest and thus are able to focus on issues from a public interest perspective.

The Integrated Planning and Analysis Division brings economic and engineering expertise in the areas of electric system resource planning and policy assessment, electric transmission planning and policy assessment, demand forecasting and energy efficiency program evaluation, water resource planning, hydropower relicensing evaluation, natural gas resource planning and policy assessment and global climate change and air quality management policy assessment. In addition, the staff has experience testifying and providing regulatory support services in electric, gas, water, air quality, and greenhouse gas (GHG) assessment natural resource segments.



GIS/Database Management Systems

Many of our clients performing environmental assessment and permitting, including regulator agencies and developers of industrial projects, can make use of Geographic Information Systems (GIS) capabilities to enhance their projects. GIS increases project understanding, speeds up data collection and analysis, enables comparison and selection of alternatives, and improves presentation effectiveness. Project Managers can reduce budget expenditures using GIS. The industry trend is toward digital spatial knowledge replacing paper documents and lower tech solutions. Pinpointing exact locations in project analysis, project managers can increase productivity and can better respond to stakeholders inquiries; regulatory agencies can identify and map sensitive resources; and specialists can utilize geographic data for specific analysis.

Aspen's expanded GIS Services Department joins Aspen's internal project teams to provide value added service to all of our clients. In addition, GIS Services are available for independent projects, outsourcing, and consultation.

Our Goal

Every employee at Aspen takes pride in doing quality work, improving performance on each project, meeting schedules, and exercising discipline in adhering to project budgets. Our overarching goal is demonstrated in our responsiveness and the achievement of total client satisfaction.



Our Mission

Aspen Environmental Group is dedicated to continuous improvement in the understanding of the relationships between human activities and the environment. We are committed to providing practical solutions in support of a strong economy and industrial progress, based on the principles of sustainable use of Earth's resources and maintenance of a safe and healthy environment.

Locations

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For detailed information about Aspen
and our project experience,
please visit our website:

<http://www.AspenEG.com>

Or phone: 818.597.3407

Representative Clients

Federal

US Army Corps of Engineers
USDA Forest Service
US Bureau of Land Management
Western Area Power Administration

State

California Energy Commission
California Public Utilities Commission
California Department of Water Resources
California Air Resources Board
California State Lands Commission
California Coastal Conservancy
California Department of Conservation
California Department of Fish and Game

Local

Kern County
San Luis Obispo County, Planning and Building
Los Angeles Department of Water and Power
Ventura County Watershed Protection District
Palmdale Water District
Santa Barbara County, Energy Division
East Bay Municipal Utility District
Port of Los Angeles
Port of Long Beach
The Metropolitan Water District of Southern
California
City of Richmond

Private/Nonprofit

Environmental Defense Fund
Energy Foundation
RAND
WESTCARB