



Civil & Environmental Consultants, Inc.

Services to the Healthcare Industry

CEC provides integrated design, engineering, environmental, and asset/information management services with a tailored approach that addresses the unique and diverse requirements of healthcare institutions and their related facilities.

SITE EVALUATION, DESIGN, AND ENGINEERING

CEC develops cost-effective site design, engineering, and regulatory solutions for healthcare-related projects ranging from building additions, phased upgrades, and site improvements, to new campus planning and development of comprehensive new facilities. CEC's civil engineering and site development services include:

- Due Diligence and Site Selection
- ALTA Surveys
- Property Condition Assessments and Rehabilitation
- ADA Compliance Audits
- Code Consulting
- Utility Design and Infrastructure Evaluations
- Geotechnical Evaluations
- Stormwater Management/Water Quality Design
- Landscape Architecture
- Parking Lot and Garage Assessment and Rehabilitation
- Traffic Engineering and Parking Studies
- Construction Project Management and Quality Assurance

ENVIRONMENTAL COMPLIANCE

CEC provides healthcare facilities with a diverse scope of environmental and engineering services directed toward maintaining and even improving healthcare compliance amidst a myriad of complex accreditation and regulatory requirements. These services include:

- Multimedia Environmental Compliance Audits and Evaluations
- Air Emission Sampling, Permitting, and Reporting
- Air Quality Monitoring/Stack Testing
- Indoor Air Quality Investigations
- Spill Prevention and Training
- Storage Tank Management
- Emergency Planning and Community Right-To-Know Reporting
- OSHA Compliance, Hazard Communications Plans, and Training
- Public Water Supply Permitting and Compliance
- Stormwater Sampling and Permits
- Wastewater Sampling and Pre-Treatment Studies
- Asbestos Management Programs and Training
- Hazardous and Medical Waste Permits, Management, and Reporting
- Contamination Investigations and Remediation

FACILITY OPERATIONS

CEC provides guidance to healthcare facility managers regarding the financial and environmental benefits that can be attained through improved energy efficiency, water conservation, waste minimization, and recycling. Services focus on identifying and implementing efficiency measures that will lead to a reduced environmental footprint and more sustainable operations. These services include:

- Energy Conservation Studies
- Water Conservation Studies
- Wastewater Evaluations
- Waste Minimization Evaluations
- Chemical and Pharmaceutical Audits
- Waste Recycling Programs



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ASSET/INFORMATION MANAGEMENT

Innovative and state-of-the-art terrestrial scanning technologies acquire intelligent data points and digital images that can be filtered to create accurate baseline documents for planning, design, renovations, and compliance.

CEC's custom web and mobile applications create a streamlined method for collecting, organizing, maintaining, and interacting with accurate facility data for the purposes of compliance reporting or to make informed decisions regarding planning, management, performance, or construction.

CEC's services include:

- LiDAR Scanning and 3D Imaging
- Floor Plan Surveys/Space Inventory Analysis
- Life Safety Management and Planning
- Asset Management and Inventory Control
- Regulatory and Accreditation Compliance

