To stay focused on the primary objectives of production efficiency and increasing market share, manufacturers need a partner with expertise in a complete scope of engineering and environmental services to assist with challenges ranging from selecting or acquiring a new site for development to maintaining compliance in today’s regulatory environment.

CEC starts with a commitment to understanding the specific needs of manufacturers and then applies sound science and practical engineering to help clients successfully acquire, develop, operate, and manage their facility assets. Using a multidisciplinary approach, CEC has developed an extensive portfolio of industrial real estate and facility-related expertise.

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The CEC Advantage

What sets CEC apart is that we put ourselves in our client’s shoes and make recommendations from the perspective of what makes sense to them, not necessarily from the perspective of what makes sense for us.

Crude to Grown Services
With multiple disciplines in-house, CEC is able to work with companies in every stage of growth. From site selection to decommissioning, CEC provides comprehensive services—everything from environmental site assessments to regulatory permitting and compliance, as well as property acquisitions, as part of corporate acquisitions/liquidation, development, or financing applications.

Asset and Management Support
Strengthening real estate portfolios
CEC understands the connection between manufacturing industry and land-based development and its impact on local environments. Frequently, facility and asset managers and real estate portfolio managers rely on CEC to analyze geographic potential, regulatory criteria for the development and management of existing infrastructure, in addition to existing or greenfield sites.

Current Industry Experience
Having previously worked for the owner’s side, senior management teams bring real-world experience to the inside and can complement a facility’s existing staff.

Cost-Effective Solutions
CEC understands the manufacturing business from cradle-to-grave services. Our team of expert and leading industry consultants can lead CEC resources to best serve project and client needs.

CEC Top News
Shoes and make recommendations from their strategic perspective. The CEC advantage is that we put ourselves in our clients’ shoes and make recommendations from their perspective, not necessarily from the perspective of what makes sense for us.

COMPLIANCE AND OPERATIONS SUPPORT

Maintaining operations and compliance
CEC not only performs the complex, changing regulatory environment to support manufacturers in their record-keeping, report, and permit compliance and environmental standards. Upstream and downstream limits in your supply chain may require enforcement with ISO and other industry guidelines, while international policies and procedures are set. CEC can take on the governance, making bulks into focus on producing grade profitably and efficiently.

Developing infrastructure and BMPs prompt operators to implement innovative design and process, CEC solutions reduce risk, minimize compliance, and facilitate continued operations. CEC’s environment professionals provide tailored industrial environmental treatment and compliance services, and site delineation approaches technologies by conducting trends and plot out test in focus on site.

Enabling new or expanded operations
When forward thinkers that operations gear up and allow improvements in processes and technologies require new equipment and renovations. CEC is able to work with manufacturers at every stage of an operation’s lifecycle—creating an opportunity to build in-depth knowledge of the operation from site selection to decommissioning—creating an opportunity to build in-depth knowledge of the operation from site selection to decommissioning.

Operations Support
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Transitioning to closure
If the time comes to cease operations or demolish a facility, CEC will assess the nature and extent of contamination, prioritize the hazards at each site, and develop remediation actions that are the most affordable and yet effective. We use the latest technology and equipment to provide an efficient, cost-effective, and safe removal of waste and hazardous materials. CEC prepared E&S control plans and associated environmental permits for this seamless steel manufacturer in the Midwest for a major agricultural facilities across New York, North Carolina, and Washington for a site engineering services at facilities in Ohio, Pennsylvania, and Washington, as well as in various other US regions and internationally.

CEC maintains a thorough understanding of the environmental impact of steelmaking and downstream links in your supply chain may require enforcement with ISO or other industry guidelines, while international policies and procedures are set. CEC can take on the governance, making bulks into focus on producing grade profitably and efficiently.

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Rich Industry Experience

CEC understands the manufacturing business from the inside and can complement a facility’s existing staff. Whether it’s years of background in construction, and civil engineers evaluate options to achieve the highest and best use possible for assets, even those underperforming. CEC has developed an assessment framework that can be applied to any facility, regardless of whether it’s a new building or an existing facility.

CEC’s expertise in civil, structural, environmental, and mechanical engineering allows our team to support clients in achieving their goals. Whether you need assistance with environmental assessments for multiple facilities or site design and management of brownfield sites, in addition to corporate facility management services, CEC has performed hundreds of projects for corporations, municipalities, and asset managers and real estate portfolio managers in a range of industries. CEC continues to develop and refine its regulatory criteria for the development and management of brownfield properties, in addition to existing or greenfield sites.

The CEC Advantage

THE CEC ADVANTAGE

What sets CEC apart is that we put ourselves in our clients’ shoes and make recommendations from their perspectives. Here are just a few examples:

Crucial to Good Service

With multiple disciplines in-house, CEC is able to work with customers at every stage of the project, from site identification to site remediation – creating an opportunity to provide a higher level of service at a lower cost to clients in order to gain their trust.

Asset and Information Management

As the manufacturer’s partner, CEC offers a streamlined, standardized method for collecting, organizing, maintaining, and reporting on large, even massive data sets. Information management systems are critical to a facility’s success.

Integrating web and mobile applications creates a centralized, streamlined method for collecting, organizing, maintaining, and reporting on large, even massive data sets. Information management systems are critical to a facility’s success.

Maintenance and operations support

Facility managers are often faced with a multitude of competing priorities. CEC’s commitment to the continuous improvement of our operations support and maintenance services is our way of saying thanks to our clients.

Streamlined Method

Streamlined method for collecting, organizing, maintaining, and reporting on large, even massive data sets. Information management systems are critical to a facility’s success.

Maintaining Operations and Compliance

CEC actively monitors the complex and changing regulatory environment and its impact on local economies. Corporate facility and asset managers need real estate portfolio managers rely on CEC’s ability to navigate zoning, geotechnical, and asset management services.

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Compliance and Operations Support

Maintaining operations and compliance

CEC actively monitors the complex and changing regulatory environment to support manufacturers in daily record-keeping, and maintain compliance and maintain compliance standards.

Upstream and downstream risks in your supply chain may require compliance with OSHA and other industry requirements while internal policies and procedure are set. CEC can take on the paperwork, enabling businesses to focus on producing goods profitably and efficiently.

Enabling regulations and BMPs prompt operators to implement optimization and control. CEC initiatives reduce risk, maintain compliance, and facilitate continued operations. CEC water resources professionals provide tailored industrial wastewater treatment and compliance services, and side-stream separation technologies by conducting audits and pilot-scale tests in-house or on site.

Evaluating new or expanded operations

What should facilities that operate current plants or new improvements in processes and technologies require new equipment and facility expansion? CEC conducts due diligence and feasibility studies to determine the best course of action.

Cost-Effective Solutions

Technology-related decisions often have long-term consequences at every step of an operation. With advice on achieving client interests, while also considering agency constraints, CEC has developed an investment framework to assist clients in identifying the best combination of equipment and services for their needs.

CEC analyzes incoming water quality and the performance characteristics of facility equipment to develop water treatment processes that ensure the precise water quality required for a range of processes and applications. An upstream investment into a treatment system that maximizes the efficient yield and outlet balance of the entire facility allows for reduced overall wastewater treatment and recycling operations.

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Crude to Green Services
With multiple disciplines in-house, CEC is able to work with organizations at every stage of development—from site due diligence to remediation—creating opportunities to add value to their properties without overspending or long-term commitments such as long-term rentals to clients.

Asset and Information Management
Because a successful project depends on the ability to integrate a variety of systems and share information, CEC has developed an innovative approach to corrective actions that not only considers agency objectives and environmental, health, and safety regulations but also saves clients millions of dollars.

Integrating web and mobile applications creates a centralized, single user interface, and updates occur universally and in real time.

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Evolving regulatory frameworks and business practices can complicate the regulatory landscape. CEC offers a wide range of regulatory services, ensuring that our clients are able to navigate the regulations that are essential to their success.

Enabling new or expanded operations
When demand dictates that operations must grow, or existing operations are constrained by regulatory limits, CEC can help clients navigate the complex regulatory landscape and implement modifications and controls.

CEC actively monitors the complex and changing regulatory environment, ensuring that clients are able to stay ahead of the curve and reduce risk, maintain compliance, and facilitate continued operations.

Assistance with permitting, and construction-related services. Geotechnical engineers evaluate the feasibility of supporting heavy equipment by investigating soil and bedrock characteristics. Civil engineers evaluate the feasibility of supporting heavy equipment by investigating soil and bedrock characteristics.

Significant experience has been gained over many years of experience in each phase of site rehabilitation and demolition and works with clients to remediate contaminated sites to commercial and industrial standards, reducing legacy liabilities. CEC has in-depth experience in each phase of site rehabilitation and demolition and works with clients to remediate contaminated sites to commercial and industrial standards, reducing legacy liabilities.

Strengthening real estate portfolios
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Facility and Asset Management Support

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