

## Facility Commissioning/ Decommissioning and Relocation

To successfully relocate operations from an existing facility or to construct a brand new one requires the integration of environmental factors as soon as the project begins.

From the decommissioning of an existing facility to the site selection for a new location, CAPACCIO has the expertise to deliver critical environmental services to your project design teams. Our qualified staff provides full-service assistance by preparing the necessary environmental permits, assisting with the environmental design, and providing start-up and training services for your team.

### BENEFITS

- Expedited permitting processes
- Risk minimization
- Cost avoidance
- Tight construction schedules
- Value Engineering

### SERVICES

#### Facility Decommissioning

- Environmental specifications for site and process equipment decontamination
- Review of applicable permits
- Facility retrofit for new occupancy
- Restoration of site to pre-release conditions
- Regulatory notification and permit transfer
- Verification of clean-up standards
- Waste verification of demolition wastes
- Health and safety monitoring
- Sub-surface investigation

#### Site Selection

- Review of development restrictions posed by state environmental regulation and local environment by-laws Identification and review of local permit requirements
- Evaluation of potential impacts on surrounding land uses

#### Due Diligence

- Property transaction screening
- ASTM Phase I and Phase II environmental assessments
- Soil and groundwater investigations
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#### Environmental Design and Permitting

- Treatability and feasibility studies

- Pilot testing
- Design and installation of air pollution control systems and process ventilation
- Design and installation of water treatment and wastewater treatment systems
- Design and installation of fuel burning equipment
- Design and construction of chemical storage areas
- Design and construction of above and underground storage tanks
- Design and installation of backflow prevention devices
- National Pollutant Discharge Elimination System (NPDES) stormwater construction permits
- Lowest Achievable Emission Rate (LAER), Best Available Control Technology (BACT), and Reasonably Available Control Technology (RACT) determinations
- Review and consultation of Total Maximum Daily Loads (TMDL)
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#### Construction Assistance

- Facility/process review and evaluation
- Construction drawings and specifications
- Contract document preparation
- Engineering estimates
- Bid assistance
- Contaminated soil and groundwater management
- Resident inspection and system start-up
- Environmental systems validation training
- Tier II reporting
- Emissions reports
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#### Environmental Compliance

As a facility/process is readied for start-up, regulatory agencies often require written plans, training and monitoring to ensure the facility will operate in a responsible manner. As follow-up to our design and permitting services, CAPACCIO also provides the following environmental compliance services:

- Development of environmental management tools (e.g., environmental compliance calendar)
- Wastewater treatment system grading reports
- Wastewater treatment system staffing plans

- Operation and maintenance manuals
- Compliance monitoring reports
- Stormwater pollution prevention planning and training
- Spill Prevention, Control, and Countermeasure (SPCC) planning and training
- Contingency and emergency response plans
- Wastewater treatment operator training
- Hazardous waste generator training

### QUALIFICATIONS

Our staff of environmental engineers, scientists, and regulatory specialists have experience with complex facility design in a variety of facility and manufacturing processes and are:

- Certified RABQSA ISO 14001 Auditors
- Certified Hazardous Materials Managers (CHMM)
- Certified Environmental, Health and Safety Trainers
- Certified Toxics Use Reduction Planners (TURP)
- Licensed Wastewater Treatment Operators
- Chemical, Civil, and Mechanical Engineers
- Registered Professional Engineers (PE)
- Licensed Site Professionals
- Licensed Soil Evaluators
- Licensed Septic System Inspectors
- Professional Geologists



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