

GEMS is the Environmental Specialist for the Construction Industry.

Groundwater Environmental Management Services (GEMS) is the **ONE CALL Environmental Solutions Provider** who manages all the environmental components from site assessment to post construction monitoring. Whether planned or in the event of an emergency, GEMS oversees the environmental team of specialists required to meet ALL the project components. Providing the client with ONE POINT OF CONTACT, GEMS manages the team to ensure timelines, budgets & environmental legislation are met.

Specializing in Groundwater and Surface Water Related Services for Contractors:

Whether planned or in emergency situations, GEMS is set-up to respond quickly understanding the contractors' requirements, contract specifications, and permitting requirements and regulations.

GEMS understands what is within and beyond contractual obligations, and will advise/act accordingly.



Fish Removal and Relocation (De-fishing)

- Electrofishing Certified; Permit Attainment



Environmental Emergency Response

- Regulatory Liaison for Emergency Response & Permitting
- Erosion & Sediment Control Failure
- Sediment Release into Natural Environment
- Emergency Bypass Pumping
- Emergency Fish Rescue and Relocation
- Emergency Dewatering

Response Time is Key

In the event of an environmental emergency, GEMS:

- Is onsite immediately and can assume the role of Environmental Manager
- Performs assessment and determines course of action
- Becomes liaison with the regulatory agencies
- Obtains appropriate permits (many times under accelerated timeline)
- Implements mitigation and remediation measures
- Performs monitoring and inspection to ensure measures are effective

Environmental Permit Attainment

- Dewatering – Permit to Take Water (PTTW)
- Dewatering Plans – P.Geo. Stamped
- Discharge Authorization
- Fish Collection
- Endangered Species
- Interference with Wetlands and Watercourses
- Creek Bypass/Diversion Plans
- Restoration
- Spills, Clean-up and Remediation

Environmental Monitoring & Compliance:

- Erosion & Sediment Control (ESC) – CISEC Certified Inspectors
- Groundwater (monitoring wells, domestic wells, dewatering wells)
- Discharge Water Quality
- Discharge Filtration/Treatment Systems
- In Stream Works/Restoration Oversight



**GEMS ONE CALL
Environmental
Solutions Provider**
905-907-3077

Natural Heritage Evaluations (NHE) Environmental Impact Studies (EIS)

- Breeding Bird Surveys; Breeding Amphibian Surveys
- Ecological Land Classification (ELC)
- Vegetation Surveys



GEMS bridges the gap between construction and development, and the environmental agencies that govern them.

Contact GEMS:
331 Rodinea Road
Maple ON L6A 4P5
T: 905-907-3077