



Linear Restoration



Our amphibious equipment is multi-function: We have machines to get you in and out of remote areas, specialized equipment (and attachments) for the day-to-day work, and floating trucks and camps with the potential to change how work is done in Canada's north. We can plant trees, move dirt, build barriers and much more—with greater efficiency and at a lower cost than traditional methods.

The two main techniques used in restoration are screefing and mounding, while at the same time transplanting trees that are falling and leaning. This creates natural barriers for wildlife while optimizing conditions for regrowth.

Specialized Equipment

At Great Excavations, our linear restoration process starts with specialty equipment that is manufactured, designed and engineered for work on rough terrain in remote locations. Our amphibious machines can easily and efficiently be deployed to areas that are otherwise considered harsh and inaccessible, including uplands, lowlands and fens.

We Float

Our equipment is fully amphibious. We work on water, mud, muck, ice, muskeg and everything in between.



Key Benefits:

- Works well on rough terrain.
- Extremely low ground pressure.
- Maneuverable through tight corridors and cutlines.
- Adaptable for a variety of work.



Check out www.greatexcavations.ca for more information.



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Tailings Ponds

We provide a variety of services in tailings ponds; from deployment, recovery and maintenance of bird avert systems along with eliminating the plant growth which attracts birds for nesting. Our equipment is fully capable of loading and hauling material in or out, is easily adaptable, and can be equipped with geotechnical equipment for soil sampling and hard bottom logging. A remote controlled unit is also available to work in toxic environments.

Sewage Lagoons

The equipment can be used year-round to access sewage lagoons and to excavate and clean out around the pump infrastructure. Manned amphibious excavators or the unmanned remote control equipped excavator can be used to remove the "risk of life" element from the activity.



Dredging

We use long reach and standard configuration units to dig out the bottom of ponds. Particularly useful for hard bottom ponds such as storm ponds filled with large rocks, debris and in some cases even tires!... not a job for your typical dredge. Great Excavations also have dredge pumps, stirrers and other attachments that can be mounted to our excavators for dredging and other specialized tasks.

Remote Right of Ways

Our amphibious equipment has been crucial in providing maintenance services on right-of-ways. Examples include the excavation of a broken water main which entailed additional support functions while the crews performed the repairs. Our equipment is not limited to maintenance tasks, it can be invaluable in installation of pipelines, power lines and reclamation and remediation projects. We leave a small environmental foot print and do not require the use of ice roads or swamp mats and related processes.



Mine Expansion

(or Fish Salvage and Beaver Dam Removal)

The unique ability for this equipment to float and access remote locations without a lot of additional expense has many benefits. We have been invaluable in the removal of beaver dams as a more economic and environmental alternative to the highly regulated process of blasting. In addition, we have provided support and access to these remote areas for fish salvage, often a precursor to the beaver dam removal.



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The new frontier in amphibious equipment – save time and money by using the right equipment for the job.



About Us

Since its inception in 2010, Great Excavations Inc. has been delivering solutions to a variety of clients with its unique amphibious equipment. Since the introduction of the first amphibious excavator, the fleet has grown exponentially.

We offer different configurations of excavators to meet the needs of the project, from large capacity buckets to long reach booms and specialized attachments to meet almost any application.

In addition, we offer either a standard or telescopic undercarriage model of excavators to address transportation or site restrictions.

Great Excavation Inc. will be rolling out an unmanned version of the excavator and support vehicles for its excavation fleet this year. From supply and crew mobilization to high capacity amphibious trucks, Great Excavations is proving to be a leader in this technology in the market place.

Remember to contact Great Excavations Inc when you have a project that needs the flexibility and versatility that only our excavators can deliver.



Built to Work

The amphibious excavators can go into the most uninviting terrain without limitations of the situation. If needing to rehabilitate a seismic cut line or repairing and replacing aging pipelines, our amphibious excavation and support vehicles can get you where you want to go with a small environmental footprint.

With a variety of attachments and configurations our amphibious equipment is there to do the job. Attachments include dredges, pile drivers, tree cutters and many more. All of our equipment can be customized to suit the client's specific job requirement.

Our equipment has been used in a variety of sectors and applications. From oil field, municipal and environmental remediation projects Great Excavations delivers results.



Energy

If you are using costly swamp mats to move equipment in and out of a remote area, Great Excavations can get you there at a fraction of the cost. We care about being efficient and cost effective for our clients. We are focused on the environment, utilization of our equipment reduces environmental impact and the carbon footprint compared to traditional methods.



Environmental

Environmental Services have been an important part of what we do. Our equipment can be used to move in with less disturbance than conventional methods. From fish salvage, bird deterrent, debris removal and flood remediation we have helped our clients deliver on their environmental and regulatory goals.



Municipal

Challenged by aging lagoons or hard to reach municipal infrastructure? Great Excavations can operate in dry and wet locations. Great Excavations can help dredge your aging lagoon with its boom mounted dredge, or clear debris from storm ponds. Providing solutions for the hard to reach areas or unique situations is our speciality.



Asset Recovery

Our amphibious equipment can go where others can't. If you are retrieving and replacing aging infrastructure or retrieving assets from an unfortunate situation, Great Excavations can help get the job done.