

## ABOUT

Bowa environmental was established in 2007 in order to facilitate in the process of soil stabilization. Our main objective is to attain stabilization using the latest products available to offer the client several choices to meet their needs. Bowa has tried many products over the years and found innovative products that work well on our difficult soils in western Canada. These additives are mixed with concrete and water, typically stabilizing 30 cm of soil. It is a favourable alternative to hauling poor soils away and can be used for virtually any soil. It is resistant and durable to wear and frost conditions. The finished product shows a significant reduction of cracks and settlements. Its impermeable and leak-proof surfaces make it resistant to both acid and salt. Both stabilization and immobilization are possible in one procedure, allowing for a quicker more efficient completion of projects, which allows for the stabilized area to be used sooner, often within 24-48 hours.

Since the formation of the company in 2007, Bowa has grown in size and worth considerably. Bowa has completed projects across the province ranging from farm lots to oil and gas pads and roads. Our range of equipment has also grown significantly giving us the ability to complete larger projects in less time. Bowa Environmental Ltd. is at the forefront of technology, whatever your soil stabilization needs may be.



# STABLE SOIL NOW

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# AREAS OF USE

- Road and motorway construction
- Footpaths, cycle paths, forest paths and agricultural roads
- Access routes for the oil, gas and wood industries
- Construction of runways
- General foundations
- Parking, container, storage points, logistic centers
- Storage areas for wood or metal
- Biogas plants
- Landfill sites



# ADVANTAGES

## Money saving

by reducing the costs of:

- earth excavation and materials for base layer and anti frost layer.
- transport needed to landfill sites
- supplies of filling materials
- repair and maintenance expenditures and eliminating the need for:
- anti capillary layers
- Immobilization of hazardous materials without disposal and land fill charges

## Time saving

by reducing time spent on:

- expenditure for earth excavation
- transport needed to landfill sites
- delivery of materials for base layer and anti frost layer
- supplies of filling materials
- need for depth foundations (if foundation conditions are favorable after prior static inspection)
- lengthy settlement periods
- stabilization and immobilization as they can be combined into one procedure

# SEVEN DAY COMPRESSION STRENGTH COMPARISON

