The stabilized muddy soil embankment method

– Background –

Old Fill-Dams have two related problems

- embankment soil ⇒ difficult to procure
- mud soil ⇒ difficult to remove

This method is capable of achieving the rehabilitation of embankment and the removal of muddy soil from the reservoir at the same time.

– Method –

Initial stabilization
Crushed soil
Crushed and compacted soil

Initial Stabilization
Crush
Crush and Compact

– Track record –

Number of dams : 12
Volume of Embankment : over 100,000m³
Patents : 2 (Japan)