Project Location

INDIAN EXPLOSIVES Pvt.Ltd. - ORICA
Gomia, Jharkhand, India
https://www.orica.com/

Explosive Manufacturing Solid Waste dumpsites and Leachate Pond Slope Stabilization & in-situ leachate Treatment by Vetiver plantation & Bio-engineering

Explosive waste dump site and highly contaminated (Nitrates / Phosphates, Lead, Other heavy metals / TNT) leachate pond remediation by Bioengineering solutions
Phase – 2 – Slope preparation & Jute Geotextiles application

Biomass application & Initialization of Vetiver plantation
Explosive Manufacturing Solid Waste dumpsites and Leachate Pond Slope Stabilization & in-situ leachate Treatment by Vetiver plantation & Bio-engineering components

Biomass application & Vetiver plantation
Explosive Manufacturing Solid Waste dumpsites and Leachate Pond Slope Stabilization & in-situ leachate Treatment by Vetiver plantation & Bio-engineering components

Vetiver plantation growth in 30 days
Explosive Manufacturing Solid Waste dumpsites and Leachate Pond Slope Stabilization & in-situ leachate Treatment by Vetiver plantation & Bio-engineering components

Vetiver plantation growth in 60 days
Explosive Manufacturing Solid Waste dumpsites and Leachate Pond Slope Stabilization & in-situ leachate Treatment by Vetiver plantation & Bio-engineering components

Vetiver plantation growth in 2 months
Explosive Manufacturing Solid Waste dumpsites and Leachate Pond
Slope Stabilization & in-situ leachate Treatment by Vetiver plantation & Bio-engineering components

Rapid Vetiver plant growth & Slope stabilization in 4 months
Explosive Manufacturing Solid Waste dumpsites and Leachate Pond Slope Stabilization & in-situ leachate Treatment by Vetiver plantation & Bio-engineering components

Vetiver Plant growth in 4 Months

**Plant Growth & Biomass parameters**

- Leave Height in 4 months - 1.5 mt.
- Biomass harvest in 4 months (wet) - 8 Tons / 1000 Sq.m
- Root length observed in 4 months - 1.0 mt.

**Project Installation by**

Biostarts Ventures
Atri Green View, 5E
Kamalgazi, Kolkata
West Bengal, India
M: +91 9903323469
E: prabio@gmail.com