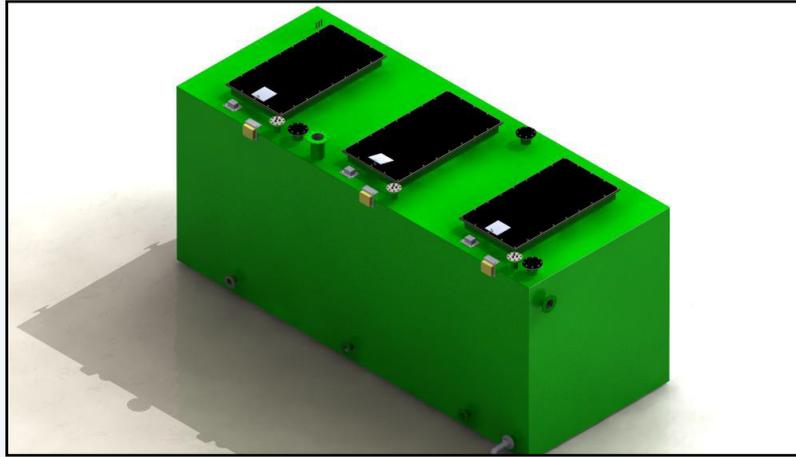


Viridian Biotechnologies



Contaminated Surface Water Treatment

Surface water is collected on landfill sites typically in large lagoons and carefully monitored for pollution prior to release into a stream. However it is often accidentally contaminated by leachate which creates a large volume of polluted liquid resulting in extremely expensive tankering and off-site treatment costs.

Surface water contaminated with leachate contains two major pollutants:

- Ammonia - even very low concentrations will kill fish
- Dissolved organic compounds, measured as Chemical Oxygen Demand (COD) - they reduce dissolved oxygen levels in streams and rivers destroying all aquatic organisms.

Other pollutants commonly found in leachate include:

- Pesticides
- Metals
- Suspended solids
- Dissolved methane

Fully Mobile Treatment Capability!

Viridian can now offer on-site mobile treatment plants capable of producing an effluent that can be safely discharged from site offering a considerable cost saving!

We can deliver, install, commission and operate the plant on a site specific basis.

The features of the plant include

- **Full Telemetry Package**
 - Continuous Ammonia Metering
 - System Status
 - Flows
 - Pump Status
 - Temperature
- **Containerised Control Room**



Contact us now on 0151 639 8666

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