



KOLINA®

Modern thinking in wastewater treatment

How effective is your current effluent treatment?

1

Are you discharging outside of consent?

Kolina's electrocoagulation technology reduces many contaminants within waste and produced waters, including COD, TSS & FOG therefore reducing mogden formula and discharge costs.

2

Do you want to reduce your operating costs?

Kolina's fully automated effluent treatment plant requires minimal operation intervention, less sludge, reduced off site tankering costs and average consumption of 0.4 kWh/m³.

3

Do you want to eliminate the use of expensive chemicals?

Kolina uses patented 'Electrocoagulation' technology which, is a completely chemical free solution to deliver a robust and efficient solution, enhancing the potential resale of a chemical free by-product.

4

Is your site limited for space?

Housed in a modified 40' stackable container, Kolina's small footprint plant reduces the physical impact of standard treatment plant / solutions.

5

Would you like to join our growing band of happy customers?



What results can you expect?

Up to
480m³/day

Up to
85%
Heavy metals
reduction

Up to
90%
FOG
reduction

Up to
85%
COD
reduction

Up to
99%
Sulphates
reduction

Up to
90%
TSS
reduction

Up to
99%
Hydrocarbon
reduction



How do we achieve this?

Our unique containerised systems integrate proven solids separation technologies and incorporates patented electrocoagulation (EC) know-how to provide a highly robust, efficient and chemical-free solution to your wastewater treatment needs.

By combining processes within a single container, we can create a carefully balanced and compact environment capable of achieving industry-leading fats, oils and greases (FOG), chemical oxygen demand (COD) & total suspended solids (TSS) reductions, as well as phosphates and heavy metal reductions across a wide variety of wastewater applications.

From forward-thinking standalone companies to global blue-chip groups, Kolina's team can deliver a comprehensive service including full project management, installation, commissioning, training and maintenance,



Ready to go and modular, our solution allows for rapid delivery, installation and commissioning. A small footprint, enables greater utilisation of valuable operational space.



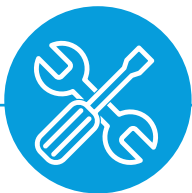
Reduction of contaminants at discharge reduces Mogden discharge costs. No chemical or maintenance costs.



Full automation and remote monitoring improves operational efficiency. Requires less energy and resource to manage the plant (versus other technologies).

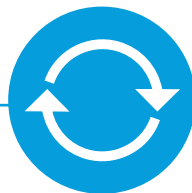


A chemical free solution that is environmentally considerate versus alternative treatment methods. Zero noise and odour pollution.



Install & Commission

Nominated project manager
Formal sign-off and handover of plant
Certificate of conformity
Training of your operational team
Daily progress report



Full Deployment & Support

Dedicated Sector Relationship Manager
Planned & preventative maintenance
24 hr call out
Performance monitoring
Remote system access
Monthly planning & review meeting

	Our Responsibility	Your Responsibility	Our Responsibility	Your Responsibility
Infrastructure/Civil Works		✓		
Power		✓		✓
Fresh Water		✓		✓
Installation	✓			
Commissioning	✓			
Training	✓		✓	
WiFi Connection	✓			✓
Change Plates	✓			✓
Sampling	✓			✓
Sludge Disposal		✓		✓
Material changes*				✓

*Material changes in volume, process and ingredients to be advised by the client at the earliest opportunity.

How quickly can we install?

Our EC unit is manufactured to order with lead times normally being 6-10 weeks. This can be reduced subject to pre-planning and early commitment from the client.



Installation [+1-2 weeks]

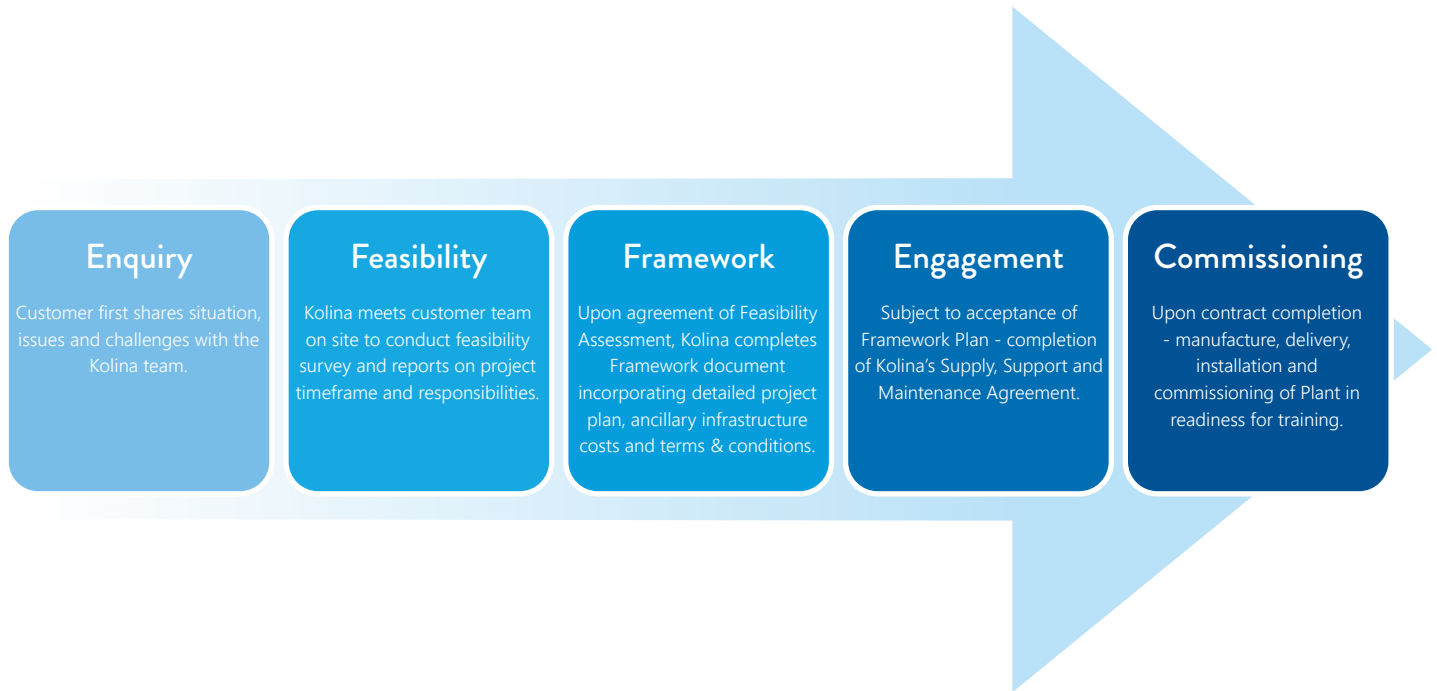
Delivery, siting and connection of services to Plant, subject to readiness of Client's site and infrastructure.

Commissioning [+1-2 weeks]

Testing of Plant and training of Client's nominated employees to handover to Evaluation phase.

Once commissioned the client enters an evaluation period which includes collaborative testing, lasting up to 12 weeks.

How do we go about it?



Contact Us



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The image is a promotional graphic for Kolina. It features a large, industrial electrocoagulation unit in the upper left, with a blue and white striped background. The unit has a white control box with the Kolina logo. Below this, a blue container with the Kolina logo and text is visible. In the foreground, a white pickup truck with the Kolina logo and text is parked. The right side of the image is a solid blue triangle containing text.

#gobluebegreen

The Solution to Water Pollution Smarter Electrocoagulation

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KOLINA®
Water treatment using electrocoagulation

"Playing our part
reducing the impact
on the worlds most
scarce resource"

