

indistinguishable from magic
CleanBlu®



GRS™ patented system
wastewater management
sustainable city integration
smart biofuel recovery
CleanBlu® technology



Phone +1 (949) 200-6226

Fax +1 (949) 200-6757

34281 Doheny Park Road #7675
Capistrano Beach, CA 92624

www.CleanBlu.com



smart city technology
 bioremediation
 sustainable
 biofuel extraction
 patent protected

Why Waste Your Wastewater?

Currently, wastewater from commercial kitchens is just that, wasted! Not only that but its expensive to remove, causes foul smelling odor, and adds billions of pounds of effluence to our overused landfills. **CleanBlu**® bioremediation technology reclaims your wastewater allowing 100% reuse of non-potable water.

The **CleanBlu**® smart system is easily installed into existing grease interceptors with the smart controller being located in a nearby housing. Super energy efficient components use less than 50 watts of power with an average cost of \$3.60 per month. Put that together with web based monitoring and custom microbe cultures for a smart solution to your wastewater managements needs.

BioFuel Extraction

Many resources have been consumed attempting to extract renewable fuels from the brown-grease waste accumulated in grease interceptors. Results have been largely unsuccessful due to the small amounts of fuel being produced, the production of hazardous byproducts, water wastage and the need for expensive chemicals and energy. **CleanBlu**® patented smart technology turns this obsolete science on its head pretreating the brown-grease at its inception, right inside the grease interceptor. Stabilization and reduction of sulfur occurs immediately the grease enters the GI vastly reducing the free fatty acid production and thus arresting hydrolysis. **CleanBlu**® treats all of the water content of brown-grease, eliminating pathogens and foul smelling odors. There are absolutely no hazardous byproducts, no water wastage, no chemicals and **CleanBlu**® can be powered by a single solar panel.



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Integrate **GRS**™ smart technology into your smart city and transform grease waste into usable water and biofuel

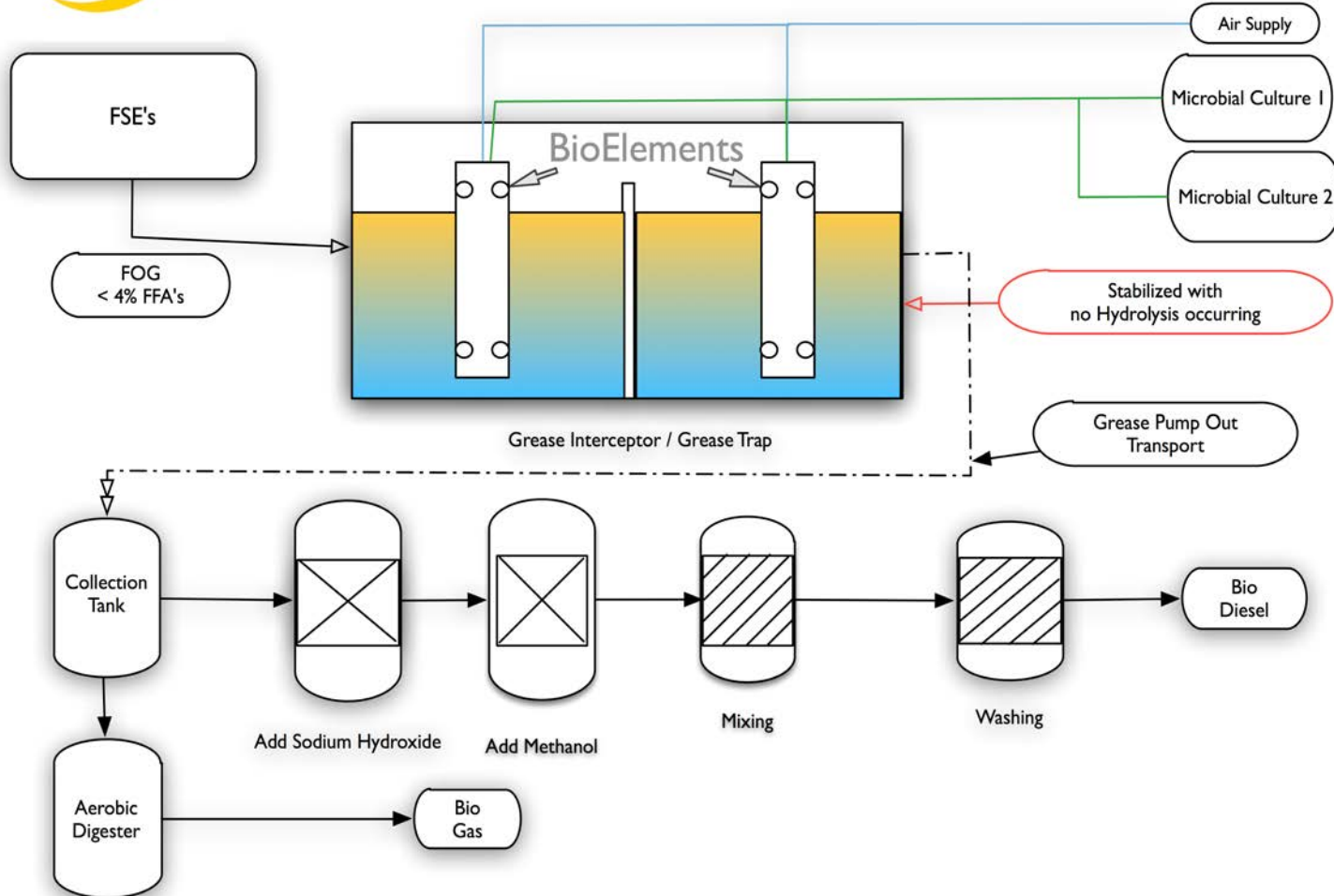
Smart Fuel

The US produces more than 4-billion pounds of brown-grease waste annually. **GRS™ smart technology integration provides an estimated annual 950-million gallon biofuel opportunity. Produce up to 40% biofuel from waste grease using **GRS**™ smart technology!**

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Brown Grease to Low Sulfur Biodiesel Conversion



Biofuel Production

- Stabilize Brown-Grease In-Situ
- Arrest Hydrolysis
- Maintain High BTU
- Significantly Reduce FFA Content
- Significantly Reduce Sulfur Content
- Transport Only Valuable Biofuel



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Stop Wasting Your Wastewater!

The National Renewable Energy Laboratory quotes that 526 million gallons of brown-grease waste (FOG) is produced annually, equating to \$158 million dollars spent by the restaurant industry for its disposal, based on an average of 0.30 cents/gal.

Process wastewater for as little as 0.1 cent per gallon!

Save money and be ecologically compliant - start using **GRSTM smart technology today!**

US Patents
7,615,156 - 8,471,725
12/344,189 - 13/750,993
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