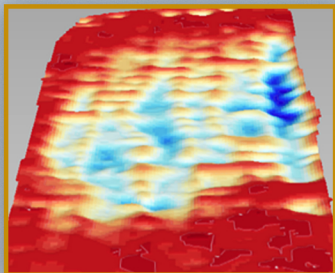


Lagoon Mapping

Map your lagoon to determine the best time to pump.



Inset map image to the left is a 3D rendering of the contour map shown below.

- Manage your lagoon's effectiveness by knowing what's below the surface.
- Project and plan in advance the solid depths in your lagoon.
- Forecast your solid build up and pumping needs.



Know before you Pump

Our Services Include:

- Lagoon Analysis and Estimates
- Lagoon Mapping of Solid Levels
- Pumping of Active Lagoons
- Dredging of Lagoon Sludge and Solids
- Continuous Flow Drag-Line System
- Field Injection of Effluent
- Effluent Application by Traveling Big Guns
- Remediation of Inactive Lagoons
- Wastewater Lines Flushed and Cleaned
- Latest in Agitation Technology Utilized
- Long Distance Semi-Tanker Hauling
- Lagoon Excavation and Hauling
- Nutrient Lab Analysis of Applied Product
- Nutrient Application Mapping
- Pumping Records by Day, Week & Field

All of our services are done with integrity, reliability and completed to your satisfaction.

Some of the Industries We Service Include:

- | | |
|-----------------------|----------------------------|
| • Dairies | • Beef Producers |
| • Pork Producers | • Poultry Producers |
| • Packing Plants | • Food Processing Plants |
| • Power Plants - Coal | • City Lagoons & Digesters |
| • Ethanol Plants | • Golf Course Ponds |

No Job too Big or too Small

Lagoon Pumping and Dredging, Inc.

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Randy Ross: (806) 930-8794

Lagoon Pumping and Dredging, Inc.



Turning your Waste Lagoons into Green Profits



Lagoon Pumping and Dredging ... the Difference Makers

Turning your waste lagoons into environmentally safe organic fertilizer

Professional and Experienced

- Dedicated lagoon pumping business established in 2003.
- Owner has over 21 years in the irrigation and pumping business.
- Multiple four to six man experienced work crews make for quick and efficient work on several job sites simultaneously.

Field Application

Lagoon slurry is injected into field as organic fertilizer. Injection is better than surface application to reduce odor and get nutrients deeper into soil where it is better utilized by crops.



Minimal Disruption

- Minimal disturbance to your operation
- Pumping and field injection runs 24 hours a day. This gets the job done faster and allows you back into your fields with less down time.
- Process leaves minimal soil compaction.



Plowed or harvested field after injection



Grass or alfalfa field after injection

Maximum Benefit

- Cost effective solution for lagoon sludge removal and effluent application.
- State-of-the-art agitation boats, traditional agitators and agitation pumps used to mix solids for a uniform product.
- We use the continuous flow drag-line hose system to minimize mechanical impact to the soil, while leaving valuable crop residue in place.
- GPS tractor guidance system used for precise and even field coverage.
- Lagoon solids are thoroughly mixed with agitators before and during the pumping operation for a more consistent product.
- Lagoon slurry is injected 4" to 8" into soil to allow for better crop nutrient utilization.
- Application rates determined by soil sampling, lagoon analysis and regulatory requirements.
- Crop nutrient applied at agronomic rates.
- Nutrient application maps and records provided.
- Specializing in helping you sell your excess nutrients to neighboring farmers.
- Six and eight inch supply hoses run through fences, ditches and culverts to fields many miles away. This allows continuous farm and vehicle traffic during the pumping process.



Supply hoses strategically placed

Turning your Waste Lagoons into Green Profits



Agitation and Pumping

The key to good and consistent results is thorough agitation of the lagoon before and during the pumping operation. This keeps the solids in suspension and better results in the field. Now using agitation boats as well as traditional agitators.

Dredging

When the size of the lagoon is too large or impractical to agitate, then a dredge is used to remove the sludge and solids from the bottom of the lagoon. The solids are mixed with water and pumped to farm fields.



Excavation

For inactive lagoons, lagoon remediation and pits without access to water the only method is to excavate the sludge and truck to a stockpile site or immediately spread onto the fields using semi-trucks and spreader trailers.



Tankers and Incorporation

When farm fields are too far away the effluent is trucked to the field in 6000 gallon tanker trucks. Once at the site a drag line hose is run from a holding tank or directly from tankers to the tractor injecting the product.



- Cost Effective
- Timely Service
- Environmentally Safe



Call us today for your Lagoon Analysis and Quote on your Pumping and Dredging needs