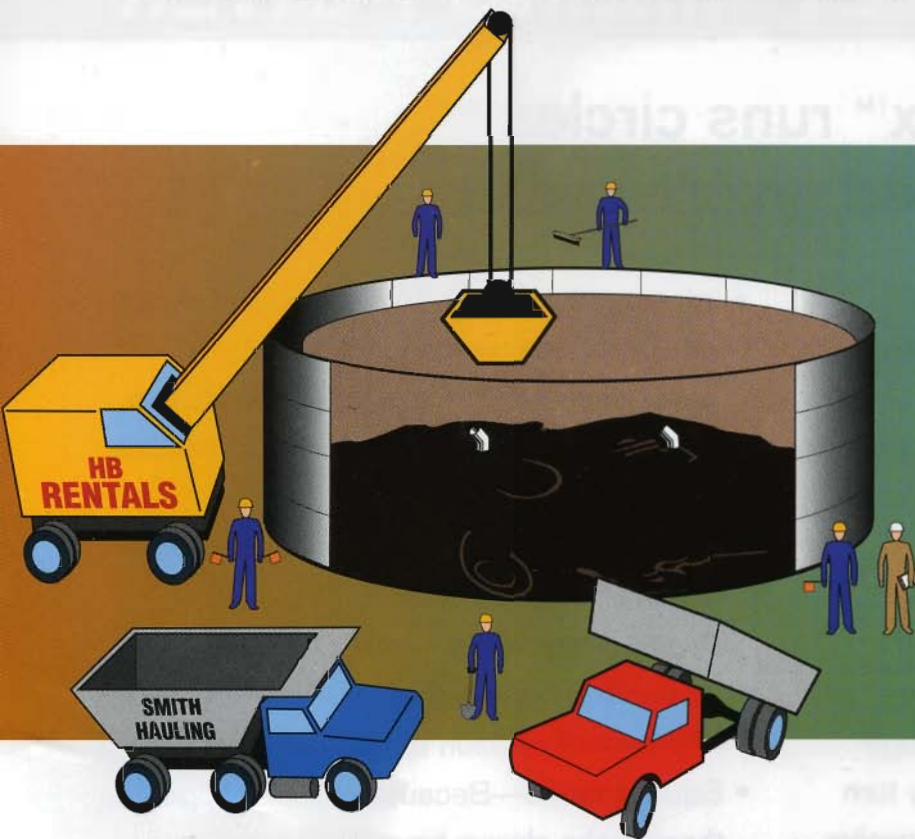


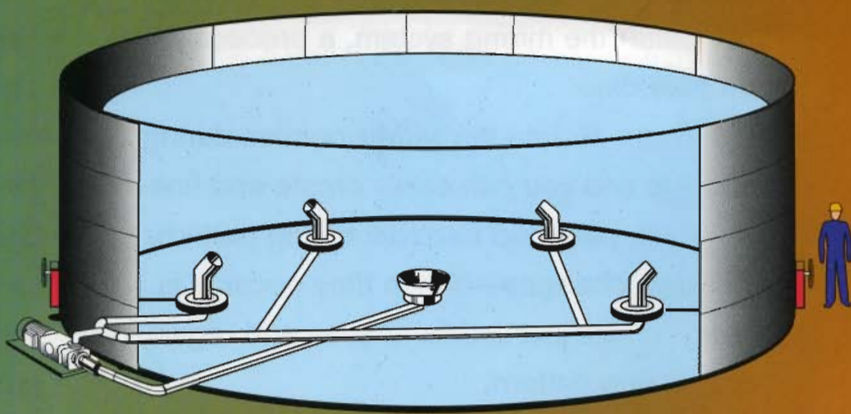
STORAGE TANK CLEANING DOESN'T HAVE TO BE DRAINING.



Fixed
nozzle systems
can require
costly tank
cleanings

- Costly cleaning expenses.
- Tank out of operation.
- Plus, the cost of disposal.

With JetMix's
rotatable nozzles,
there is
no need to
drain the tank.



- Added cost for rotatable nozzles is less than 10% of a single tank cleaning.
- No man hours or equipment to keep the tank clean.
- No disposal costs.

Liquid Dynamics Corp.
630/513-8366
Fax 630/513-6447
www.jetmix.com

JetMixTM
The Vortex Mixing System

The right mix.

360 DEGREES OF MIXING POWER

JetMix™ runs circles around fixed nozzle systems.

It is possible to perform tank mixing of liquids/sludge with a system that has fixed nozzles. It would require factors such as operation, concentration, density, and viscosity to remain 100% constant. Those are rather long odds under true field conditions.

A much safer bet is to install the world's most efficient tank mixing technology, the JetMix Vortex System. When processing interrupts occur or the conditions change unexpectedly, an operator can quickly turn the completely rotatable nozzles and resolve the problem. When the unexpected occurs with a fixed nozzle system, operators will have to drain and manually clean the tank, refill, and restart the mixing system, a process that can take days.

- **Startup**—Rotate the JetMix nozzles during startup and you can easily create and fine-tune our patented torroidal mixing pattern.
- **Sludge changes**—When they occur, it is easy to readjust JetMix nozzles and regain the mixing pattern.
- **Pocket removal**—Pocket buildups can occur for many reasons that mixing cannot control. Rotatable nozzles can be easily redirected to address the problem.

- **Infrequent mixing**—To reduce total sludge volume in long term storage, JetMix is ideal because it can resuspend solids into a homogenous mass after long idle periods. This allows the operator to decant supernatant on a regular basis and reduce the volume to be hauled to disposal.
 - **Position indicating**—JetMix includes rotatable indicators that give true verification of the exact position of the mixing nozzles.
 - **Square tanks**—Because of their shape, these tanks always have dead areas. Periodic aiming of JetMix's nozzles toward the corners removes buildup and helps eliminate short circuiting of flow through the tank.
 - **Tank cleaning**—Using plant utility water, JetMix can even provide tank bottom cleaning, a huge savings over other tank cleaning methods.
 - **Stabilization**—If too much lime gets added to the tank during a non-mixing period, JetMix nozzles can be repositioned to facilitate acceleration of the settled piles.
- Improved mixing, trouble-free operation, simplified maintenance—close all those loops by installing JetMix in your tanks.

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