



GRESHAM MUNICIPAL UTILITIES

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November 01, 2010

For Release to the Press,

Gresham Municipal Utilities (Gresham, WI) and Wastewater Compliance Systems (Salt Lake City, UT) have entered into a Pilot Project Agreement.

Gresham Municipal Utilities:

Gresham Municipal Utilities is operated under the Village of Gresham, WI. The utility has approx. 280 sewer and water customers with daily sewer flows of approx. 60,000 gallons per day. The present wastewater treatment lagoon system was put into operation in 1982. A Wastewater Facilities Plan was submitted to and approved by the Wisconsin DNR in April 2010. The Facilities Plan calls for an upgrade to the present system at a cost of approx. \$350,000. The plan addresses more stringent ammonia-nitrogen effluent discharge levels.

Wastewater Compliance Systems, Inc:

Wastewater Compliance Systems, Inc. (WCS) is a provider of custom engineered submerged bio-reactors used to enhance the biological activity of existing treatment systems in order to reduce ammonia concentrations. WCS addresses the needs of a community in complying with state and federal environmental regulations. Bio-Dome systems are capable of enhancing the efficiency and capacity of existing systems without dramatically increasing capital or operating costs

The agreement is to test the effectiveness of Bio-Dome (previously known as Poo-Gloos) Bio-Reactor Systems in the Village of Gresham wastewater treatment lagoons.

Wastewater Compliance Systems (WCS) with the cooperation of Marshall Bond Pumps, Inc. (Oswego, IL) has supplied Gresham Municipal Utilities (GMU) with a mobile pilot unit equipped with a Bio-dome system. The unit will be operated by GMU wastewater operators for a 6 month period. The purpose of the pilot is to document the performance of the system in cold weather states. Lagoon treatment sites will typically lose the ability to remove ammonia when water temperatures drop over the winter. The Bio-Dome system has the potential to continue reducing ammonia discharge levels from lagoon operated wastewater ponds over the cold weather months. The Wisconsin Dept. of Natural Resources has specified the testing requirements to document the systems performance. The Bio-Dome System has been previously tested at two locations in Utah with success at each plant. GMU is the first utility to test the technology in the Midwest. A successful test of the Bio-Dome system has the potential to save over \$100,000.00 from the Utility's current plant upgrade plan. GMU is very excited to partner with WCS

and Marshall Bonds in this joint effort. Many sewer lagoon operators will be watching our operations, hoping to find a cost effective means of meeting tighter effluent discharge requirements. The mobile pilot unit was put into service on October 7th, 2010 with initial weekly tests beginning October 27th. GMU will be working closely with Dr. Kraig Johnson and Taylor Reynolds of WCS, and Jason Metz of Marshall Bonds Pumps. The mobile pilot unit can be seen at: <http://www.wastewater-compliance-systems.com/pilot-tests.html> .

For additional comments or question contact.

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