

MONSTER INDUSTRIAL®



One of two HYDRO sewage grinders were placed in the basement of this healthcare facility to help reduce clogging.



Monster Solutions

Healthcare Facility Stops Sewer Clogging

By Cynthia Guardia - Cia Communications, Inc.

Michigan - Healthcare facilities across the country face the problem of proper disposal of fibrous materials like wipes, diapers, rags and other solids. While these materials are supposed to be put in the trash rather than flushed down the sewer, controlling this is not always feasible. When these solids end up in the sewer line, they frequently clog lines and pumps at lift stations, and can create challenges for municipal sewer agencies since they must manage the labor and costs associated with unclogging sewer pumps.

One such healthcare facility, a combination long-term care and rehabilitation center, faced this problem head on when they received a notice from the local sewer agency that the facility must cease discharging debris into the publicly owned sewer system. Both the agency and the facility spent several months discussing the issues and eventually decided to bring in a consultant to develop a collaborative solution.

Michael Jordan of Bailey First, an independent contractor based in Michigan who often solves environmental problems for his customers, was called in to consult on the problem and find a solution. He quickly remedied the situation by installing two Monster sewer grinders from JWC Environmental (JWCE).

"I'd been working with this healthcare provider for some time solving different environmental issues," explains Jordan. "When they came to me with this problem I researched it from both ends, involving both the healthcare facility and the municipality. The end result was installing two JWCE model 3-HYDRO-IX-1206 in-line grinders at the healthcare facility just before the sewer line. These grinders chop solids into tiny pieces, preventing any large materials from entering the sewer and clogging the lines."

The JWCE HYDRO Grinder has two rows of sharp, steel cutters that

PROBLEM: Flushable wipes & adult diapers clogging local city sewer system.

SOLUTION: 3-HYDRO-IX, sewage grinder

CONSULTANT: Bailey First

rotate slowly and at high-torque. The two shafts of the shredder rotate at different speeds. This allows the two intermeshing steel cutters to act like a pair of scissors, effectively cutting up any solid into tiny particles that flow smoothly into and through the main sewer line without clogging the equipment.

The JWCE Grinders have been installed for about eight months and have worked flawlessly. The city is extremely happy with the results because they're pumps and pipelines are not clogging anymore. City engineers have commented on the ease of the entire project. And the healthcare facility is happy because they were able to work with the city on a successful project that solved the challenges everyone was facing.



A Monster sewage grinder has two rows of sharp, steel cutters that rotate slowly and at high-torque.



“Companies just don’t have 100% control over what goes into the sanitary lines,” says Jordan. “When you consider the cost per incident when a lift pump fails, the grinder equipment quickly pays for itself. Every case is different – in some cases, like this one, the company was facing expensive legal fees and fines. In other situations where there are actual sewage backups into the healthcare facility, then you’re looking at clean-up costs, downtime, health inspections, management meetings etc.... A JWCE grinder is a cost-effective, pro-active solution that more than pays for itself.”

JWCE has installed over 100 Monster sewage grinders in hospitals, nursing homes and other health care facilities across North America. In the municipal wastewater sector JWCE has installed over 35,000 Muffin Monster grinders in pump stations and treatment plants all around the world.

To reach the independent contractor cited in this story contact:

Michael Jordan
Bailey First LLC
Tel: 248-974-4164
Email: mjordan@bailey-first.com

About JWC Environmental

Founded in 1973, JWCE is a global leader in high-efficiency, dual-shafted waste grinders. We’ve built and shipped over 35,000 Monster shredders, screens and compaction systems to customers around the world. We offer over 200 different shredder configurations. Our commitment to quality and reliability makes Monster grinders legendary in many industries.

Our line of HYDRO grinders are designed to reduce the size of solids in a liquid solution. Our SHRED series is built for reducing tough solids in wet or dry hopper fed systems. Our team will find, or custom build, the Monster Industrial shredder that’s right for your application. Don’t waste it – grind it with Monster Industrial. For further information contact JWC Environmental, 290 Paularino Ave., Costa Mesa, CA 92626, USA, Tel: 949-833-3888, Toll-free 800-331-2277, Fax: 949-833-8858, E-mail: jwce@jwce.com, Web: www.jwce.com/ind.

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Thanks to the second of two Monster sewage grinders, there are no more clogged pipelines or pumps wreaking havoc for city engineers.



Headquarters

290 Paularino Ave.
Costa Mesa, CA 92626 USA
Toll Free: (800) 331-2277
Phone: (949) 833-3888
Fax: (949) 833-8858
jwce@jwce.com

Western Factory

2600 S. Garnsey St.
Santa Ana, CA 92707, USA
Toll Free: (800) 331-2277
Phone: (949) 833-3888
Fax: (770) 925-9406
jwce@jwce.com

Eastern Factory

4485 Commerce Dr, Ste 109
Buford, GA 30518, USA
Toll Free: (800) 331-2277
Phone: (949) 833-3888
Fax: (770) 925-9406
jwce@jwce.com

