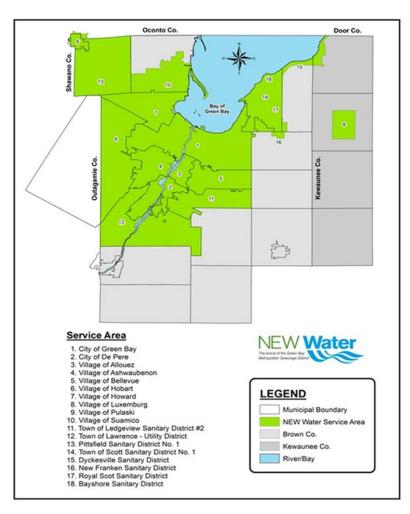




- Provides collection and treatment for 18 municipalities in Northeast Wisconsin
- Formed in 1931. Owns and operates:
 - GBF, designed to treat 49.2 mgd through secondary treatment
 - DPF, designed to treat 14.3 mgd through tertiary treatment
- Serves a population of 230,000



De Pere and Green Bay Water Resource Recovery Facilities



De Pere Facility

Green Bay Facility







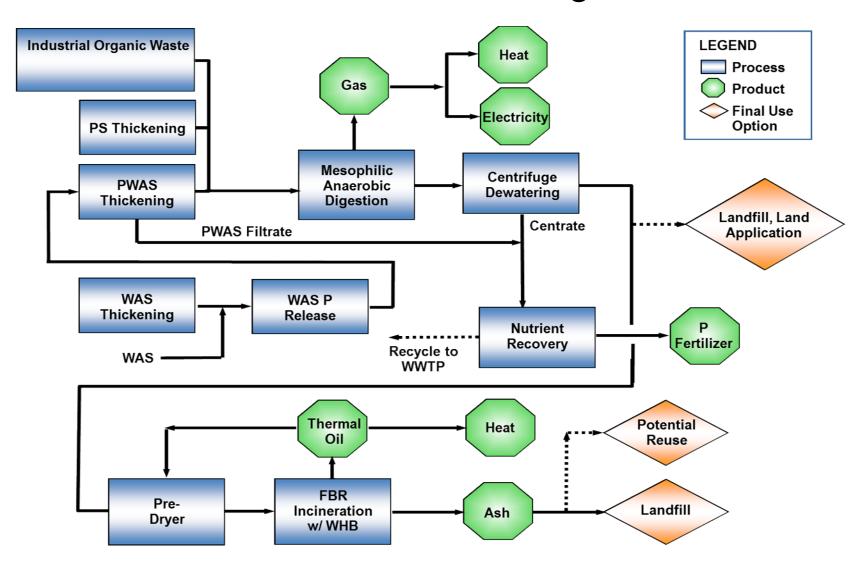




- 2005 2008 NEW Water and ch2m developed the Solids Management Facility Plan
 - Planning to 2035
 - 73 solids unit processes considered
 - Resource recovery and operations emphasized in evaluation



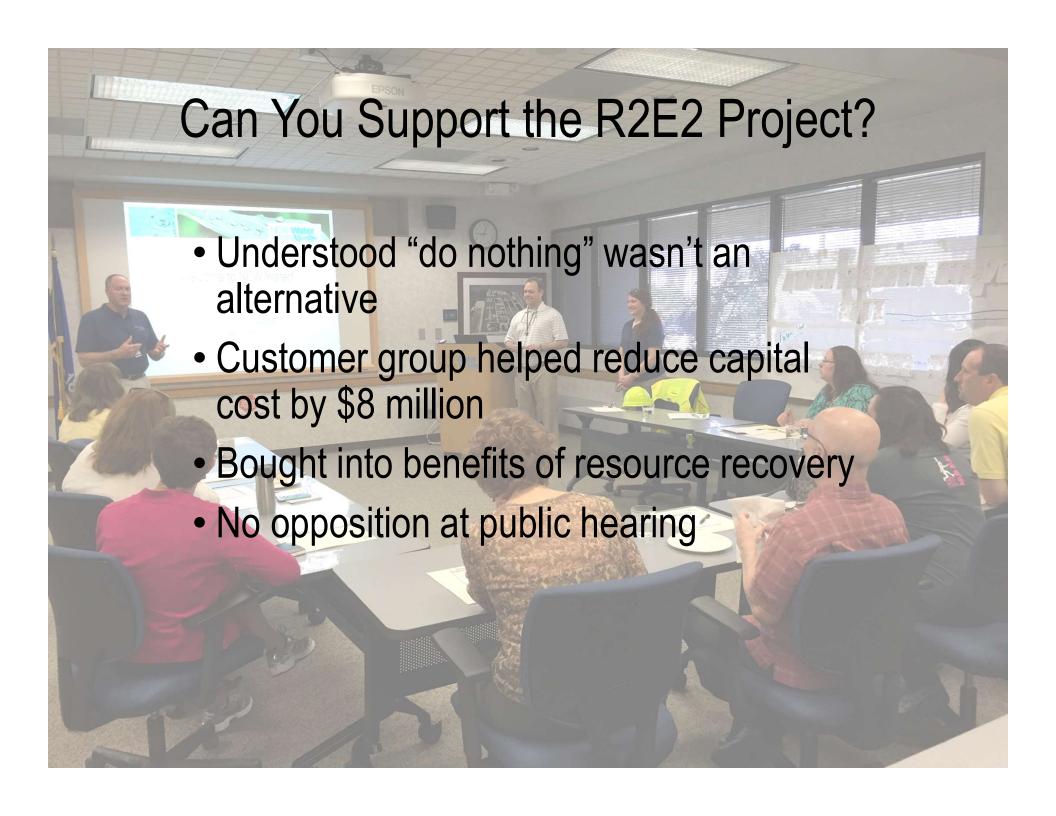
Selected Solids Processing Solution

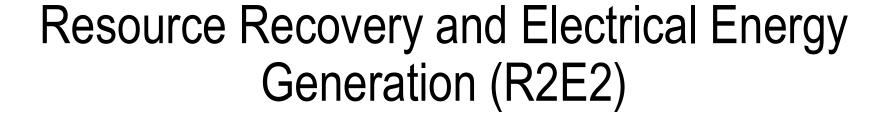




Customer Reaction

- Choices were all expensive
- Poor economy made it difficult to understand why this project was being attempted now
- Rate impact was main concern; drove customer frustration
- Formed a customer working group
- As a team, walked through entire project to explore alternatives in detail







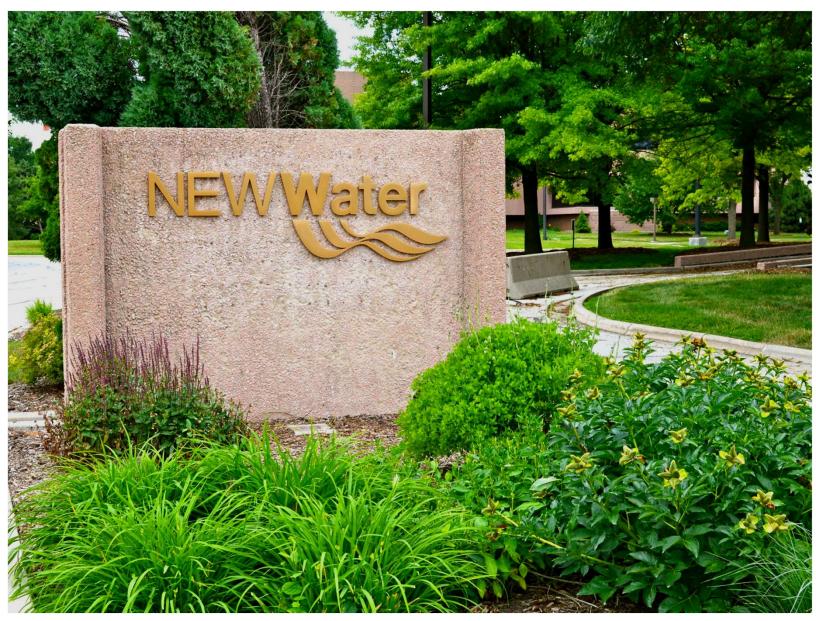
Reframe the Conversation through Branding















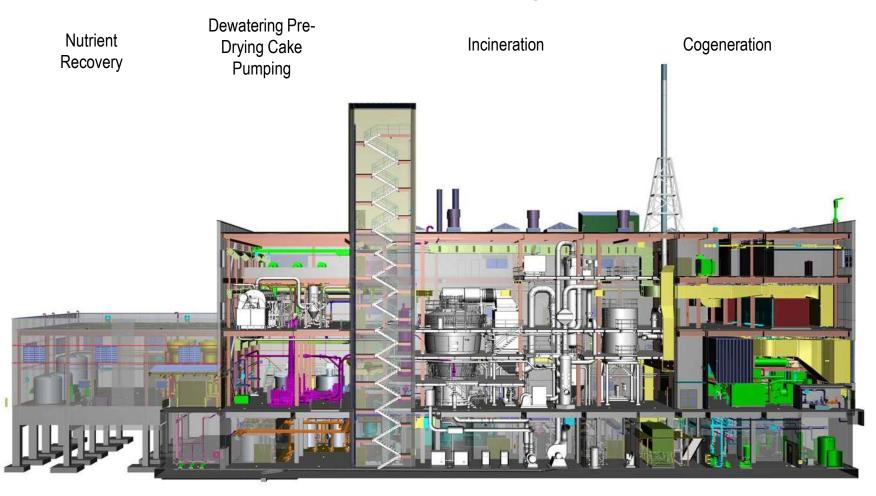
Resource Recovery: Struvite

- Nutrient recovery in the form of struvite
 - Converts into a fertilizer product
 - Creates a \$400,000 revenue stream
 - Reduces
 maintenance of
 equipment & piping





R2E2 Solids Building Overview







R2E2 Open Houses: November 10 and 11

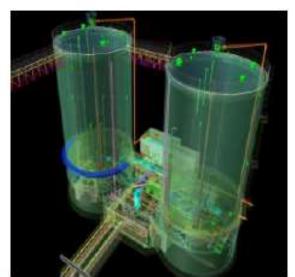
Sneak Peek at a New Chapter in Recovery of Our Community's Resources

NEW Water will hold two Open Houses for the public about its new solids handling facility, which has launched construction.

R2E2 Open Houses - free of charge, open to the public:

- Tuesday, Nov. 10, 5:00 7:00 p.m.
 Allouez Village Hall, 1900 Libal St., Green Bay
- Wednesday, Nov. 11, 9:00 11:00 a.m.
 NEW Water, 2231 North Quincy Street, Green Bay

NEW Water's Resource Recovery and Electrical Energy generation system known as the R2E2 Project will replace the existing solids handling facility. A new facility is needed to: meet stricter environmental regulations, address the needs for increased capacity, and to replace aging infrastructure. The project harnesses resource recovery of both nutrients and gas for cost savings and environmental benefit.



3D rendering of R2E2, NEW Water's new solids handling facility, which is under construction

*R2E2 represents an exciting new chapter for NEW

Water, as we move toward a more sustainable approach to valuing our resources," says Tom Sigmund, Executive Director of NEW Water.















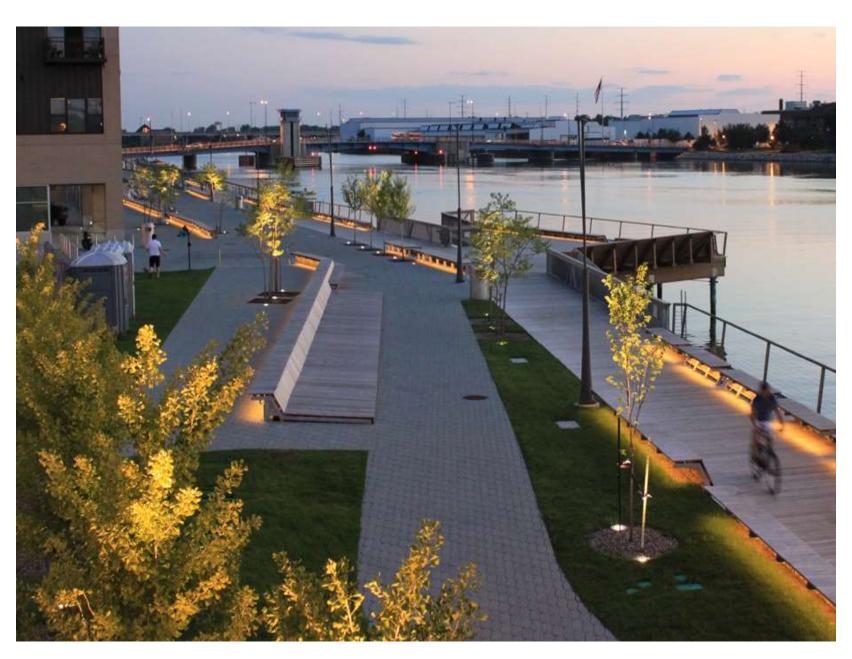






Photo credit: Steve Seilo / April 2011













Reid Ribble @RepRibble - Aug 26

Preparing to go out and test the waters of #GreenBay for toxic algae blooms with @NEWWater_WI & @USFWSMidwest





















USA TODAY ROAD RAGE HIR STAR WILL SMITH IS LATEST VICTIM | INSIDE

GREEN BAY

SEWACE

Sewage experts explain how products can clog system



EVAN SEGLEALSA TODAY NETWORK-WISCONSIN

Flushable wipes not so flushable

SHELBY DU LAC

If something is labeled "flushable" that means it can be flushed, right?

One would think so. As it turns out, though, it is not that simple. For a while, manufactur-

For a while, manufacturcrs everywhere were slapping the flushable label on their packaging — specifically on moistened personal hygiene wipes — in order to sell the products to consumers who are eager to use and quickly dispose of them.



A wipe, center, is put through a "slosh test" machine. After 15 hours in moving water, the wipe was still holding its shape.

There is a problem, however. Most of the wipes are not flushable, at least by sewage standards.

not flushable, at least by sewage standards.

Brian Vander Loop is field services manager at NEW Water Green Bay Metropolitan Sewerage District. The facility treats 38 million gallons of water per day from 219,000 residents over a 285square-mile area in North-

eastern Wisconsin.

Vander Loop said most wipes and feminine hygiene products, whether labeled

See WIPES, Page 2A











World Toilet Day more than potty humor











Halloween With No Pumpkins?

Imagine a Day Without Water

LEARN MORE













