

Olszewski, Rosemarie (DEQ)

From: Thelen, Mary Beth (DEQ)
Sent: Sunday, September 13, 2015 10:38 AM
To: Thelen, Mary Beth (DEQ)
Subject: FW: Flint Leak Detection
Attachments: hppscan185.pdf

From: Andy Dillon [<mailto:adillon@conwaymackenzie.com>]
Sent: Tuesday, March 03, 2015 4:38 PM
To: Wyant, Dan (DEQ)
Cc: Thelen, Mary Beth (DEQ)
Subject: Fwd: Flint Leak Detection

Dan,

I hope this finds you well.

Email below is an FYI. You may recall Tucker Young assisted me in evaluating the KWA oppty. They asked me to advise you they are familiar (obviously) w/ Flint and would like to help w/ leak detection/correction.

Actually, I have another matter I am working on I think you will find very interesting. I am off this week but will follow up when I return to Michigan as its a cutting edge, technology play that I believe the DEQ will find of interest. I introduced it to Tony Earley and he expressed great interest. Will advise in greater detail when I return from vacation (ugh, yes working while on vacation).

Best,

Andy Dillon

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----- Forwarded message -----

From: George Karmo <GKarmo@tyjt.com>
Date: Fri, Feb 27, 2015 at 1:28 PM
Subject: Flint Leak Detedtion
To: "adillon@conwaymackenzie.com" <adillon@conwaymackenzie.com>
Cc: David Guastella <DGuastel@tyjt.com>

Andy,

It was good talking to you this morning.

I'm referencing the Crain article attached related to City of Flint Water issues.

As you are aware when TYJT completed its report for the State of Michigan Treasury (assessment of Flint continuing with DWSD or partnering with Karegnondi Water Authority), we had recommended that Flint implement a program for leak detection of its water system. It was believed that the system experienced up to 50% leakage! We had indicated that the effort was necessary so that Flint could dramatically reduce the amount of water it needed to purchase from the Karegnondi Water Authority prior to designing and constructing the new pipe line.

As you are aware, TYJT is knowledgeable of the Flint area water system and well experienced in conducting leak detections and water audits. We therefore ask, based on the fact that the State of Michigan maybe granting Flint some funds to do the leak detection (see attached article) that TYJT use its existing DTMB as-needed contract with the State to accomplish this task.

Please let me know if you need additional information. We will be available to immediately meet with representatives of the State and City of Flint to discuss this leak detection program.

Regards,

George Karmo, P.E., BCEE

President

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MICHIGAN BRIEFS

Survey: More small firms leave it to markets to buy health coverage

Only 29 percent of small-business owners who offer employee health coverage indicated they intend to continue these benefits into 2016, according to a Grand Valley State University survey that asked how they were reacting to the Affordable Care Act. That move stems in part from the option available for individuals to buy coverage through public health exchanges created under ObamaCare, AGS reported.

The results confirm much of what insurance carriers have seen and heard from small employers, said Scott Norman, vice president of sales and client services at Priority Health, which sponsored the GVSU survey. The results also point to the expected rise of the individual market.

How can you save a mall? Some developers turn to 'de-malling'

Despite numerous headlines bemoaning the death of the American shopping mall, West Michigan developers have avoided an untimely demise. One key has been a push to effectively "demall" the sprawling shopping complexes, where stores are connected via interior corridors. Instead, they're reconfiguring the traditional shopping malls so that the stores are only accessible from outside entrances.

State turns on money spigot to end Flint water torture

The provisions for the Flint water system crisis were finally set in stone. Last week, the Governor's Emergency School District said it had stopped using city water and was diverting water to about 1,200 preschoolers.

Also last week, Gov. Rick Snyder and the state stepped in, pledging \$1 million in grants. The money will pay for a contractor to perform a leak detection survey of city water lines and shut down the Water Pollution Control Facility, replacing it with facilities allowing for waste disposal in landfills. The Associated Press reported.

Flint's emergency manager, Jerry Ambrose, said the financial relief also will free money to accelerate the replacement of water pipelines, which he said will increase water circulation and improve quality.

In January, Flint's system was in violation of the Safe Drinking Water Act because of high levels of a

disinfectant byproduct. Flint, formerly a major customer of the Detroit Water and Sewerage Department, covered those fees last year to build a pipe into Lake Huron, essentially to save money.

Until the pipe is ready in 18 months, Flint gets water from the Flint River, which residents say has the smelly taste and appearance of something that looks like water and more like acid.

Last year, a General Motors Co. engine plant stopped using water from the Flint River after the automaker said it caused ailments in its engine parts.

The decision is expected to cost the city about \$400,000 a year in lost revenue.

"The water today is within all acceptable guidelines," and that's an improvement over where it was a couple months ago, Ambrose said. "I can't say the water is safe. I can't say the quality is acceptable and that's not a sustainable fix."

ping channels or other repairs, replacement or construction.

■ A subsidiary of Grand Rapids-based Universal Forest Products Inc. acquired assets of Rapid Wood Mfg. LLC of Gilbert, Idaho. UFP reported in January. Universal acquired a majority stake in Australia's Integra Packaging Precipitator Ltd.

■ Carson Health in Montcalm County was acquired by Sparrow Health of Lansing. Sparrow said in a statement. Carson, with 61 beds, had been an affiliate of the Sparrow system since 1997.

■ The Daily News in New York City reports that Dow Chemical Co. Chairman and CEO Andrew Liveris bought a condominium in Manhattan's Chelsea neighborhood for \$10.5 million. The 2,500-square-foot abode on the 11th floor has three bedrooms, sweeping views of Midtown and 12-foot ceilings. It is said that his neighbors include actresses Cameron Diaz.

Flint business news from around the state at craindetroit.com/crainmichiganbusiness.

Sign up for the Crain's Michigan Morning newsletter at craindetroit.com/morning.

The de-malling strategy effectively breathed new life into Grand Rapids' Centerpoint Mall, now about 80 percent occupied, according to Cullen International. The de-malling of Centerpoint has inspired developers to do a similar project at another mall that has fallen on hard times in recent years: Holland's Westshore Mall on U.S. 31.

will not cut back on its expansion plans or workforces despite an 8 percent decline in sales last year. Amway attributed the decline to a strong U.S. dollar and lower sales in China, the Ada-based company's largest market.

■ The latest quarterly survey of office furniture executives by Michael A. Dunlop & Associates found the industry "very steady" heading in the new year. "We are confident that the industry is still on course to achieve at least year-to-year growth," said Michael Dunlop, head of the Holland consultancy.

■ The U.S. Army Corps of Engineers will spend an additional \$12 million this year on improvements to the Great Lakes navigational system. The Associated Press reported. The additional money allocated to the Detroit district will pay for eight projects involving dredging of ship-

Correction

■ The cost of Eastern University's Executive MBA health care leader ship emphasis is \$24,500. An incorrect price was published in a list of selected area undergraduate programs in the Feb. 2 edition.

Non-Bellarens

■ Amway Corp. President Doug DeVos told *The Grand Rapids Press* that the direct sales giant