
From: Wurfel, Brad (DEQ)
Sent: Monday, September 28, 2015 10:20 PM
To: Wurfel, Sara (GOV) (Wurfels@michigan.gov)
Subject: FW: KWA & Water Quality Chronology Timeline
Attachments: KWA & Water Quality Chronology Timeline.09-28-15.docx
Importance: High

From: Saxton, Thomas (Treasury)
Sent: Monday, September 28, 2015 5:57 PM
To: Muchmore, Dennis (GOV)
Cc: Khouri, Nick (TREASURY); Workman, Wayne (TREASURY); Stanton, Terry A. (Treasury); Wurfel, Brad (DEQ)
Subject: FW: KWA & Water Quality Chronology Timeline
Importance: High

Dennis – attached is a first draft of a timeline. We will refine it tomorrow. We rec'd some info from Brad that we might need to incorporate. And Terry & Wayne's staff are still coming up with dates/events. Please let us know if this is what you had in mind.

Terry found these links; including an article when City Council approved the move/switch. There are some noteworthy quotes.

http://blog.mlive.com/newsnow_impact/print.html?entry=/2013/03/flint_city_council_approves_re.html

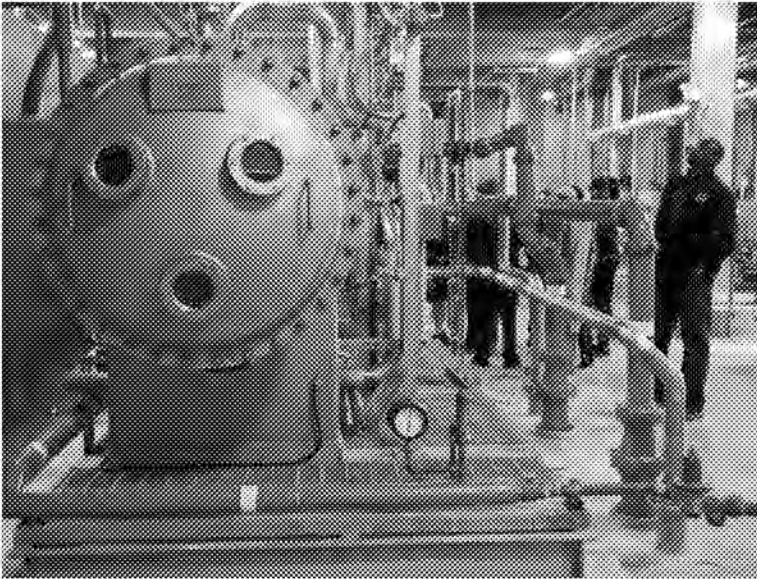
http://www.mlive.com/news/flint/index.ssf/2012/10/construction_permit_approved_5.html

Flint City Council approves resolution to buy water from Karegnondi, state approval still needed

Dominic Adams | dadams5@mlive.com By **Dominic Adams** | dadams5@mlive.com The Flint Journal

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on March 25, 2013 at 10:45 PM, updated March 26, 2013 at 1:28 AM



Guests get a look at an ozone generator at the Flint Water

Treatment Plant during a public tour in this file photo. MLive.com File Photo

FLINT, MI – Flint is one step closer to getting its water from Lake Huron as part of the Karegnondi Water Authority.

The vote, approved 7-1 at the Flint City Council meeting Monday, March 25, may have set in motion the end to Flint paying to get its water from Detroit.

Under the proposal, Flint would get 16 million gallons per day of raw water from Lake Huron, pipe it to Flint for treatment and then sell it to customers throughout the city. Another 2 million gallons per day would come from the Flint River and will be treated in Flint.

Mayor Dayne Walling said the Department of Environmental Quality must approve Flint's getting 2 million gallons per day from the Flint River.

Tuesday's meeting followed weeks of discussions and special meetings surrounding the resolution.

"We got here," Councilman Joshua Freeman said. "That's the important thing."

There were more than 50 people at Monday's meeting.

"Going with Karegnondi is the best decision. We have no opinion on the economics of the decision," said Rebecca Bedawa, Flint River Watershed Coalition executive director. "If we start drawing water out of the Flint River, we are at risk of having to start releasing water from our reservoirs."

Genesee County Drain Commissioner Jeff Wright said the decision must still be approved by a county water and waste advisory board. The KWA board will then be reconvened for final approval.

Wright said construction could start in May.

State treasury officials still must approve the city council's move because Flint has an emergency financial manager. All expenditures over \$50,000 must be approved.

Genesee County Drain Commissioner Jeff Wright has said that Flint would pay roughly \$6.4 million annually for water service if it joined the pipeline – a nearly \$4 million savings on what it pays Detroit for water.

Walling previously said the city would save \$19 million over eight years by getting water from the KWA.

"It's a historic night in the City of Flint," Walling said. "The savings will be lost with the capacity level approved by city council because there will be increased treatment cost for the river water."

He said the DEQ told the city it needed to get 18 million gallons per day or there would have to be additional work done at Flint's water plant.

Flint's water plant and the Flint River is currently the backup for Flint and Genesee County, however, the plant only operates four times per year.

Councilman Bryant Holden was the lone dissenting vote.

"It was a protest vote," Holden said. "I know they had enough votes. I just feel like the Flint River is our best option."

Karegnondi is the regional water authority that includes Genesee, Lapeer and Sanilac counties and the cities of Flint and Lapeer.

Massive Karegnondi water project moving forward after state OKs pipeline tap into Lake Huron

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By Ron Fonger | rfonger1@mlive.com The Flint Journal
on October 01, 2012 at 7:00 AM, updated October 01, 2012 at 7:32 AM

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Jeff Wright

GENESEE COUNTY, MI -- The state has approved a critical permit that allows the Karegnondi Water Authority to tap into Lake Huron with a 1.5-mile underground intake.

But water authority officials are still waiting for Flint to decide if it will be part of it.

Construction on the intake -- estimated to cost \$27 million -- might mark the no-turning-back point for the massive project, and county Drain Commissioner Jeff Wright said other developments make it necessary Flint to make a final decision on its involvement in the next few months.

As control of Flint has shifted from mayors and city councils to emergency managers, the city has never committed to buying a minimum volume of water from the KWA.

"The only question at this point really is whether Flint is going to be a partner," said Wright, who has met with emergency financial manager Ed Kurtz and wants to resolve the question before Kurtz leaves his position -- something likely to happen soon after the November election.

"I'd say we have a couple of months here," Wright said of Flint's deadline. He described Kurtz as positive about the city's potential involvement but said, "There's still some questions Flint is working on with Detroit and Lansing."

Kurtz said he can't predict what will happen.

"We're looking at all our options," Kurtz said Friday.

County Commissioner Ted Henry, D-Clayton Twp., said regardless of the city's participation, the pipeline can be built by the remaining partners: Genesee, Sanilac and Lapeer counties and the city of Lapeer.

"The answer is yes," Henry said. "It will be a little different but it can go,"

The drain commissioner said construction of the pipeline intake, which has already been designed, is expected to start this year, after the job is put out for bids and borrowing is authorized by the county Board of Commissioners.

Building the intake will be specialized work, part of which must be done from a barge, and will require building tunnels below the sand bottom of the lake and laying an 84-inch pipe below the surface of the water.

In addition to the state Department of Environmental Quality permit to build the intake, the KWA also needs approval from the U.S. Army Corp of Engineers, Wright said.

A 45-day public comment period on the intake permit has passed and county officials said they expect the permit to be approved within two weeks.

Among other recent developments in the pipeline project:

- The Genesee County Water and Waste Advisory Committee, made up of elected and appointed city, township and village officials, has voted unanimously to set a date for accepting public bids to build the intake.
- The same committee has approved negotiating a contract with Wade Trim to act as program manager for the pipeline project once all necessary permits have been received.
- The county has revised its estimate on the cost of the intake portion of the pipeline from \$40 million to \$27 million.

Wright said his office is ready to negotiate a contract for Wade Trim to oversee the pipeline work, and said he expects six or seven engineering and surveying companies to assist in getting the job done.

County officials count those jobs among the 1,000 that they say will be created by building the pipeline.

"I want to use local (people) wherever possible and keep the money here," Wright said.

The drain commissioner said the selection of Wade Trim is important to the city of Flint because it signals the start of engineering, which includes decisions about the size of pumps, motors and pipes that will be used to build the pipeline.

Flint officials have options, including the use of Flint River water, or continuing to purchase water from the city of Detroit.

Wright said the only choice for the rest of the county is build the pipeline or sign a 30-year contract with Detroit.

A KWA study claims that continuing to buy water from Detroit will cost the region \$2.1 billion during the next 25 years. By building a pipeline, that cost would be \$1.9 billion over the same period, the KWA Web site says.

After the initial 25-year period, the cost of water would be less than 25 percent of the projected cost of water from Detroit, according to KWA.

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