

From: "Wortley, Jay (Treasury)" <WortleyJ1@michigan.gov>
Date: January 12, 2016 at 4:02:11 PM EST
To: "Agen, Jarrod (GOV)" <AgenJ@michigan.gov>
Cc: "Tedder, Greg (TED)" <TedderG@michigan.gov>, "Bakkal, Steve (MEDC)" <bakkals@michigan.org>
Subject: Flint Water Crisis Economic Impact

Hi Jarrod,

I think the most significant immediate negative impact will be the economic effects of such things as decreased property values, lost business activity (new businesses will not move to Flint and existing businesses that rely on clean water like restaurants will be hurt), lost employment, population loss (renters will leave the city). Residents and businesses are also having to pay extra for bottled water, so the extra spending on water will take away from other spending. It is relatively easy for residents to move some of their economic/spending activity outside the city, so the Flint economy will be hurt. These impacts will create an economic downturn in Flint. In terms of personal income losses, a three to four percent loss in nominal personal income in the City of Flint seems reasonable, which would equal a negative impact of \$85 million to \$115 million per year in lost economic activity. Long-term there would be the cost of a new water system, which would have a significant cost. Direct health related costs would be on top of this estimate.

This is a very rough estimate. I would need a lot more time and a lot more information/data to develop a more thorough estimate.

Jay

Robert, Carla M. (Treasury)

From: Wisniewski, Wendy (GOV) <wisniewski@michigan.gov> on behalf of Agen, Jarrod (GOV) <AgenJ@michigan.gov>
Sent: Thursday, January 14, 2016 2:12 PM
To: Abednego, Jaime (DTMB); Allan, Jon (DEQ); Arbulu, Agustin (MDCR); Arwood, Steve (MEDC); Barnes, Jeff (DMVA); Behen, David (DTMB); Bowen, Scott (MSL); Brader, Valerie (LARA); Brown, Diane (MGCB); Burton, Diane (LARA); Carefoot, Karen (MDE); Clover Adams, Jamie (MDARD); Comai, Stephanie (TIA); Creagh, Keith (DEQ); Crockett, Tracy (MSHDA); Deloney, Andrew (LARA); Donnan, Chanda (DTMB); Doyle, Maureen (Treasury); Dungey, Cecilia (TIA); Elsenheimer, Kevin (MSHDA); Etue, Kriste (MSP); Evans, Amiee (MEDC); General Gregory J. Vadnais (gregory.j.vadnais.mil@mail.mil); Grijalva, Nancy (DHHS); Hill, Nancy (DIFS); Isaacs, Carol (AG); Kalm, Rick (MGCB); Khouri, Nick (TREASURY); King, Rebecca (MCSC); Klotz, Josephine (MSP); Lyon, Nick (DHHS); Mason, Dace (DMVA); McDermott, Cristina (MSL); McPharlin, Pat (DIFS); Minix, Connie (DTMB); Moritz, William (DNR); Quackenbush, John (LARA); Roberts, John (DTMB); Sanford, Shawn (MDCR); Sebenick, Pam (MDOT); Sederburg, Kari (DHHS); Senyko, Mike (MDOS); Simon, Sandy C. (MDOC); Smith, Brenda (MDARD); Steudle, Kirk (MDOT); Sworden, Julie (DMVA); Teszlewicz, Barbara (AG); Thelen, Mary Beth (DEQ); Tkaczyk, Judy (DNR); Vaughn, Kari (DEQ); Waalkes, Marie (DTMB); Washington, Heidi E. (MDOC); West, Samantha (LARA); Whiston, Brian (MDE); Winters, Jan (MCSC); Zimmer, Mike (LARA)
Cc: Agen, Jarrod (GOV); Holland, Meegan (GOV); Clement, Elizabeth (GOV)
Subject: RE: Daily Update

Here are Wednesday's key actions and issues in the Flint water situation:

- The Governor announced at a Detroit press conference that Genesee County has seasonal spikes in Legionella cases in 2014 & 2015. At this time, the increase cannot be directly related to the change in Flint water supply due to a lack of clinical Legionella isolates during the time period.

- Request for federal emergency declaration is being prepared.
- Our team from the Executive Office briefed Flint area state legislators on all that's being done in Flint.
- More Michigan National Guardsmen will arrive in Flint.
- Flint Mass Transportation Authority will include Fire Station water resource sites on their bus routes.
- Coordinating donations/support from donor vendors Comcast, Penske, and Google.

Coming up:

- Preparing to boost door-to-door teams up to 20.