
From: Drullinger, Dave (DEQ)
Sent: Monday, October 07, 2013 4:54 PM
To: Benzie, Richard (DEQ)
Subject: RE: Email Inquiry - WTPs and operators

Thanks again.

=== Dave

From: Benzie, Richard (DEQ)
Sent: Monday, October 07, 2013 4:47 PM
To: Drullinger, Dave (DEQ)
Subject: RE: Email Inquiry - WTPs and operators

The Lake Huron plant serves current DWSD customers located in Genesee County, which is the city of Flint (their treatment plant is currently a standby plant in case the pipeline fails) who in turn sells it to Genesee County. The County in turn serves about 20 municipalities, some retail and some wholesale. However, the majority of the water produced at the Lake Huron WTP is directed to customers in northern Oakland and Macomb Counties. I would guess that about 20% of the water from Lake Huron WTP is delivered to Flint and Genesee County, with the remainder heading south at a pump station near Imlay City. Also, note that there are a number of non-DWSD water systems in Genesee County, including Beecher, Fenton, Linden, Grand Blanc, etc., that have their own source and treatment systems.

By the way, Genesee County and Flint have jointly agreed to construct a separate pipeline from Lake Huron that should be completed in a few years that will allow the Flint Plant to be used continuously. Genesee County will be building another plant to serve their 20 customers. Unlike DWSD, they will transmit untreated water and construct treatment plants wherever someone wants drinking water.

From: Drullinger, Dave (DEQ)
Sent: Monday, October 07, 2013 4:21 PM
To: Benzie, Richard (DEQ)
Subject: RE: Email Inquiry - WTPs and operators

Thank Richard, very nice! Does the Lake Huron plant serve all of Genesee County, or do they also get water from the Detroit River/Lk St Clair?

=== Dave

From: Benzie, Richard (DEQ)
Sent: Monday, October 07, 2013 4:17 PM
To: Drullinger, Dave (DEQ)
Cc: Schmidt, Scott (DEQ)
Subject: RE: Email Inquiry - WTPs and operators

<< File: Operators List Wayne_Genessee.xlsx >>

Dave,

Here is a list from our operator training and certification database. It contains all of the operators holding a treatment license that listed their employer as a municipality that is classified as a community public water supply in Genesee or Wayne County. It does not include operators holding only a distribution system license or those working at a nonmunicipal public water system such as a manufactured housing complex, a nursing home, school, campground, etc.

Those operators holding a F license (F-1, F-2, F-3 or F-4) are typically working at a treatment plant that has a surface water source such as the Detroit River. Those operators holding a D license (D-1, D-2, D-3, D-4 or D-5) are typically working at a treatment plant that has a groundwater source. Treatment for groundwater may be as simple as chlorinator in a well house to a membrane filtration plant that removes arsenic and softens the water.

Many operators hold both a treatment and distribution license, but again, we did not include those operators that only hold a distribution license (S-1, S-2, S-3, S-4 or S-5). However, I noted that there are a few operators on this list that work for municipalities that do not employ treatment but apparently hold a treatment license. That may be due to their employment history that allowed them to qualify for and pass a treatment examination at some point in their careers. The examples I noted were operators working for Lincoln Park, Taylor, Flat Rock, Grosse Isle Township, Huron Township, and Van Buren Township. There may be others I did not catch.

This list also includes some Detroit employees (DWSD) that are actually located in St. Clair County at the Lake Huron water treatment plant north of Port Huron (Fort Gratiot address).

Hopefully this information will satisfy this inquiry. Let me know if you need anything further.

Richard Benzie, P.E.
Community Drinking Water
Office of Drinking Water and Municipal Assistance, MDEQ
517-284-6512 (as of August 12th)

From: Drullinger, Dave (DEQ)
Sent: Monday, October 07, 2013 11:32 AM
To: Benzie, Richard (DEQ)
Subject: FW: Email Inquiry - WTPs and operators

Hello Richard, can you provide the information on the water treatment plants and operators in Genesee and Wayne County that this student is looking for? I already provided the WWTP information for her.

Thanks.

==== Dave

Original Message:

Sent: Saturday, October 05, 2013 8:32 PM
To: deq-assist
Subject: Email Inquiry