



TETRA TECH, INC.

INTEROFFICE MEMORANDUM

TO: Howard Fink, Northfield Township Manager
FROM: Brian Rubel
DATE: January 20, 2016
SUBJECT: Potential Sewer Use Ordinance Revisions

On January 12, 2016, Tetra Tech participated in a conference call with the Township Manager, Township WWTP Superintendent and Township legal counsel. During this call, potential revisions to the Township's ordinances were discussed. Most of these items are relate to the Whitmore Lake Road Special Assessment District sewer project although two items (prohibited items and fats, oils and grease) were being discussed prior to the SAD establishment.

We agreed to present these items for further discussion to the Board of Trustees at the January 26, 2016 workshop meeting. Tetra Tech prepared this memo to summarize the content of the January 12 conference call.

POTENTIAL SEWER USE ORDINANCE REVISIONS

GRINDER PUMP STANDARDS

- Modify the ordinance to require a standardized grinder pump (to assist Township in stocking parts and maintenance)
- Modify the ordinance to require grinder pumps be installed by contractors prequalified by Northfield Township (so only contractors with proven workmanship complete work)

FUTURE CONNECTIONS

- Require a unique fee to the Whitmore Lake SAD for future connections made outside the SAD
- Fee likely would be \$3,000/REU in addition to the prevailing system development charge (i.e. the Township's existing connection fee)
- Collected funds would go to pay SAD debt and not deposited to the Township's sewer fund
- Connections would likely be restricted to gravity portion of system

CONNECTION TIMELINE

- The current ordinance requires connection to new systems within 90 days of notification by Township
- Consider modifying this to 1 year
 - Justifications for both a firm timeline and the 1-year duration:
 - 1 year is a standard timeline in other communities and projects
 - 1 year gives property owners more time than current ordinance
 - A timeline ensures users connect and more connections generates the revenue needed for the Township to operate and maintain the system. More connections also reduces the O&M.
 - A timeline provides justification that the sewer is needed to support the assessed funds

PROHIBITED ITEMS

- Modify the ordinance to more specifically prohibit disposing of wipes in sewer (this is a national problem, a Northfield Township problem and will be an even larger problem if not controlled in grinder pump customers)

FATS, OILS AND GREASE CONTROL

- Modify the ordinance to more specifically require grease traps at large food preparation facilities
- Require traps to be maintained, inspected and sampled (sampling performed to verify their effectiveness)