June 2023
WWTP Operations

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**Monthly Operations**

Plant performance for the month of June was satisfactory. We averaged a daily flow of 3,383 MGD in our treatment plant, which is a bit less than the average of 3,574 MGD we saw in May.

Over the course of the last month, we removed 821,093 gallons of solids at 4.61% solids content from the process and placed in our storage tanks. We enter July with roughly 1,350,000 gallons or 58.69% of storage capacity being utilized. We are currently scheduled to have our contractor haul and land apply our biosolids at the beginning of August.

**Monthly Compliance**

Compliance for the month of June met all requirements of our NPDES permit. Monthly results of our required chlorinated hydrocarbon testing were non-detect.

July begins our most restrictive limits for our ammonia discharge limit at 26 mg/l. Our system is not designed to remove ammonia and during the month of May we had been struggling to get below the 26 mg/l concentration level. At the end of June, we manipulated our treatment process to try and promote nitrification. If successful we will be able to convert some ammonia to nitrate before discharge, ultimately lowering our ammonia concentration to try and get under that limit. With this change, we proved that we can achieve some conversion of ammonia to nitrate but only with little impact. We are monitoring this daily and will be taking any and all opportunities to achieve compliance.
More Facility News

- **East End Basketball Fundraiser** – Still hovering around our 70% raised of our $30,000 goal. We are getting prepared to paint the court, as well as plan bench and brick paver install as we try and fundraise the remaining amount of money needed.

- **East End Party in the Park** – THURSDAY JULY 13, 4:30PM-7:30PM

- **SE Primary Clarifier** –
  - **UPDATE** – we received replacement parts from the manufacturer at NO CHARGE. We are confirming one last major component on whether or not it needs to be replaced before we rebuild the drive.

- **2023-2024 Projects** – We received competitive bids for three projects we advertised. D&K Engineered Construction, Inc. was the winning bid for two of our projects – the Control Building Tuck Pointing and Sealer for total amount of $69,800. The other project they were awarded was the Storage Building Improvement for total amount of $52,300. Both of those came in under anticipated costs. Our last project we advertised was the replacement of our asphalt service drive in the back of the plant’s property by our treatment process and that was awarded to Asphalt Paving Inc. for an amount of $124,800. All these projects are scheduled to finish up before the end of the 2023 calendar year.

- **Maintenance** –
  - South Thickener – replaced bearings in the exhaust fan and installed sealed bearings
  - UV Building – replaced bearings in exhaust fan and installed sealed bearings
  - UV Building & Odor Control Buildings – replaced the tensioner pulley and bearings, greased as needed.
  - GHPS & SLPS – safety improvements were made to both buildings which included new davits arms in our wet well – necessary for confined space entry
  - WWTP and side service drive received crack filling and a top coat sealer for maintenance to increase its useful life and avoid premature deterioration.
  - Gravity Thickeners – received crack repairs and control joint replacements. Will receive elastomeric coat when product is received.
July 11, 2023

Mr. Craig Bessinger
City Manager
Ferrysburg, Michigan

Dear Craig,

I have just this morning learned that the temporary speed bump which we all thought was there for the road construction crews safety while patching the road is actually a planned permanent traffic control device requested by some or one of our neighbors.

My understanding is that Earl Clements was one of or perhaps the one who requested it.

I note that the bump was placed just North of Mr. Clements residence, so he and the two or three houses to the South of his residence are not impacted by the bump.

I have noted that the vast majority of the speeders thru the neighborhood are primarily driving construction vehicles from homes under construction...a temporary condition that would be better handled by a sherrifs patrol while also raising funds from speeding tickets and providing real time data as to the extent of the perceived problem. In fact, I know of no resident that has ever been cited for speeding through the neighborhood.

Most all of our neighbors have a high regard for observing the posted speed limit and use extra caution when approaching a dog walker or bicyclist. After all, it is our neighborhood.

As a practical matter, if this speed bump was determined necessary to protect pedestrian traffic crossing from North Beach Park, it would:
1- seem the bump should be placed closer to the pedestrian cross walk, as it is easy to accelerate from its current location to full speed by any driver, including Mr. Clements,
2- seem the bump should be placed on the South side of the pedestrian crosswalk which is a blind, uphill approach to the crosswalk, and
3- seem that since North Shore Estates Road, North of the park, is a private road, no single or small group of residents should be allowed to speak for all of the residents or give permission for installation of a bump on our road.

If put to a vote of the residents, I suspect the need for a speed bump in that location would overwhelmingly fail.

Finally, while I am not certain as to the process that was followed to have the speed bump installed, I am quite certain that none of the taxpayers impacted by the bump was given any notice prior to the action taken.

I do not feel that the fact that the bump is already in place should place undue burden on any of the residents of North Shore Estates Road to have this action reversed and remedied.
Fortunately, the speed bump is only a temporary, plastic device and not permanent pavement, so this remediation should be a simple process.

I understand the agenda for this Mondays Council meeting may have already been sent out and there certainly is no time left to properly notice neighbors.

Nonetheless, The Council will likely be hearing more about this speed bump, perhaps as early as Monday night.

Please send me any data you may have supporting the need and placement of this speed bump, as well as the process that was followed to determine its need and placement.

I would urge the City to remove this seemingly improperly sanctioned device until such time as the neighbors have been properly noticed and the prescribed process, including public comment, can be followed with proper supporting data and determination of placement.

I would ask that you share this email with all Council members.

Thank you for your anticipated assistance in this matter.

Very truly yours,

Craig S. Adams
17621 North Shore Estates Road
Cell#: 616-481-3876
Email: adzfla@aol.com

Sent from my Verizon, Samsung Galaxy smartphone
Sealed bids for the 168th Avenue Street Project in accordance with the attached specifications, terms, and conditions will be received by the City of Ferrysburg, 17520 Ridge Avenue, P.O. Box 38, Ferrysburg, MI 49409-0038, until 10:00 a.m. local time on Wednesday, August 16, 2023, at which time all bids will opened and read. Bids must be submitted in sealed envelopes to the attention of Amber Schaner, City Clerk, marked as “Ferrysburg 168th Avenue Street Project.” The City of Ferrysburg reserves the right to reject any or all bids and to waive any irregularities in the bidding process.
Request for Proposal
2024 168th Avenue Street Reconstruction Project

The City of Ferrysburg requests a proposal for engineering and construction services for the 2024 168th Avenue Street Reconstruction project. The project has been approved for partial funding by MDOT during the 2024/25 fiscal year.

Project Limits:

168th Avenue from West Spring Lake Road to VanWagoner Road

Services Requested:

Design and construction engineering services which include complete project management and construction inspection services.

Project Schedule:

Design engineering and along with all required construction documents must be completed by and include any pre-construction requirements that are necessary for compliance with the state funding sources to allow for the project to be completed by November 15, 2024.

Project Scope:

1) The project shall include reconstruction of the road way.
2) No additional storm sewer infrastructure is anticipated, however, any storm sewer adjustments shall be included.
3) No water or waste water improvements are anticipated.
4) Drainage work desired at the intersection of Virginia Avenue and 168th Avenue.
5) Inspection and review of culvert north of Bridlepath Drive.

Preliminary design will include but not be limited to:

1. Survey work, including topographic survey and aerial mapping, to the extent necessary to provide full design plans. The aerial mapping should contain ground contours at 1-foot intervals with an accuracy of +/- 6 inches.
2. Soil borings and pavement cores shall be included to a depth that you judge necessary to provide the information necessary to design this project.
3. Utilities identified and clearly shown on the plans.
4. Property lines and road ROW shown on the drawings and any land purchase or easements necessary for construction.
5. Legal descriptions for above as necessary.
6. Develop traffic plans, staging plans, signage plans, road and utility work and special provisions.
7. Prepare required plans, typical cross-sections, details, specifications and cost estimates required for design and construction. The construction drawings should be at a scale of 1" = 40'.
8. Utilities in conflict clearly identified on the plans and necessary coordination addressed with the appropriate agency or company prior to grade inspection.
9. Apply for and obtain all permits as required from any applicable state or local agency (soil erosion), etc.
10. Meet with City staff on one (1) occasion on an as-needed basis in addition to the grade inspection.

**Final design** will include but not limited to:

1. The engineer shall advertise the project for bids and answer questions from prospective bidders during the advertisement period.
2. The engineer shall issue any necessary addendums to the construction bid documents.
3. The City does not plan to solicit bids from a prequalified list of contractors.
4. The engineer shall provide an appropriate number of copies of plans and specifications to prospective bidders in either electronic or paper format.
5. The engineer shall be present at the opening of bids, review and tabulate the bids and recommend award of the construction contract.
6. The engineer shall review bonds and insurance certificates and prepare contract documents for signature.
7. All necessary changes to estimates, drawings and special provisions as determined at the time of grade inspection or otherwise negotiated.
8. Appropriate material submitted to the City for bidding purposes.
9. Review and approval of all structural shop drawings, whether temporary or permanent as required.
10. Budget compliance: Any budget increases must be discussed, justified and approved by the City.

The final-design phase shall be completed and a bid package for construction bids be completed to allow for the contractor to complete the project by November 15, 2024.

**Construction Phase**

**Construction Engineering** shall include but not be limited to:

1. The engineer shall chair the preconstruction meeting, provide meeting agendas and prepare and distribute meeting minutes.
2. The engineer shall complete a preconstruction video of the project area.
3. Construction staking and layout as needed. The benchmark and elevations used for construction staking shall be under NAVD 1988 Datum to match the other newer utilities and street work in the City.
4. Day-to-day inspection. Inspection of underground construction, road construction and restoration shall be at a level that ensures that the project will be completed pursuant to the construction contract.
5. Onsite and offsite materials inspection. Density testing of backfill and aggregate shall be done pursuant to MDOT standards. The onsite and laboratory inspection of concrete shall be done pursuant to MDOT standards.
6. Shop drawing review and approvals.
7. Preparation of progress reports, change orders, recommendations, applications for payment and estimates. The written progress reports shall be provided to the City every two weeks and can be in the form of an e-mail.
8. The engineer shall keep daily inspection reports.
9. Final review of project records, punch lists and input in any contractor-claim proceedings.
10. Preparation of three (3) copies of as-built plans in hard copy and PDF formats.

Indicate the capability and willingness of your firm to provide design- and construction-engineering services for this project. At a minimum include:
1. References for similar size projects you have done during the last three years. Include professional fees and construction costs.
2. Names and qualifications of key individuals who would be assigned to the project and evidence of qualifications and experience.
3. Proposals should be complete but brief.

The criteria for selection will include but not be limited to:
1. Extent and quality of experience with similar projects.
2. Understanding of services needed.
3. Ability to complete project on time and on budget.
4. Availability and qualifications of your team.
5. Demonstrated experience working with Federal, State and Local agencies.
6. Location of your offices.
7. Cost of services.

Please submit your bid in a separate sealed envelope with a cost proposal in the following format:

Design Engineering: $_______________

Construction Engineering: $_______________

Total Engineering Costs: $_______________

Proposal Requirements:

The proposals shall include at the minimum:
1) A not to exceed itemized cost of services for the services requested.
2) A list of hourly personnel costs to be billed for services in the case that the project scope is widened.
3) A list and professional biographies of the entire project team that will be servicing the project.
4) A list of projects that are similar in nature to what the firm has completed within the last five years.
5) A list of sub-contractors that the firm would potentially employ for the proposed project.
6) A list of municipal references that the firm has worked with in the past five years.

The City of Ferrysburg reserves the right to select the firm they deem most qualified for the project, not merely based on the lowest proposal costs.

Proposals shall be submitted no later than 10 AM, August 16, 2023