

**MINUTES OF THE MEETING
DERRY TOWNSHIP MUNICIPAL AUTHORITY
670 CLEARWATER ROAD
HERSHEY, PA 17033
MONDAY, MAY 23, 2022**

The Derry Township Municipal Authority Board held its regular meeting on Monday, May 23, 2022, in the Conference Room of the Authority's Administration Building, 670 Clearwater Road, Hershey, Pennsylvania. The meeting was also available to Board members, Consultants and Advisors, and the general public virtually through GoToMeeting. Chairman Feidt called meeting to order at 6:00 p.m.

ROLL CALL

| Attendees | In-Person | Virtually |
|--|-----------|-----------|
| Board Members | | |
| John Canavan | | |
| Charles Duncan | | X |
| David Feidt | X | |
| Ronald Furlan | | X |
| Brian Link | | X |
| Carter Wyckoff | | X |
| Vacant Position | | |
| Staff | | |
| William Rehkop (Executive Director) | X | |
| Kimberly Bloom (Deputy Director) | X | |
| Michael Postick (Staff Engineer) | X | |
| Michael Shambaugh (Network Systems Manager) | X | |
| Dennis Beck (Comptroller) | X | |
| Sarah Ryan (Stormwater Program Manager) | | X |
| Consultants | | |
| Darrell Dethlefs (Dethlefs Pykosh) | X | |
| Colin O'Brien (Brown and Caldwell) | | |
| Ed Ellinger (HRG) | X | |
| Steve McGuire (Brown and Caldwell) | | X |
| Other Attendees | | |
| Kevin Fox (Resident) | X | |
| Dave Tshudy (Counsel for Rt. 230 Developers) | X | |
| | | |

PUBLIC COMMENT

There was no public comment at this time.

APPROVAL OF PREVIOUS MINUTES

C. Duncan made a motion to approve the Minutes of the April 25, 2022 Board meeting. R. Furlan seconded. The motion passed unanimously by voice vote.

APPROVAL OF TREASURER'S REPORT AND BILLS FOR PAYMENT

Staff presented the April Bills for Payment and Treasurer's Report for approval. C. Duncan made a motion to approve the reports, seconded by R. Furlan. The motion passed unanimously by voice vote.

STAFF UPDATES AND REPORTS

Londonderry Township S.R. 230 Corridor Sewer Extension Project

Dave Tshudy, counsel for the developers of this project, advised the Board that the developers are desirous of instituting a reimbursement fee as part of the tapping fee to help recover some of the approximately \$7 million they have invested for the installation of the sewer system along SR 230. The fee of \$10 per gallon per day of capacity would be collected from future development including residential and commercial properties that would connect to these facilities. A rate for single family homes and multi-family dwellings has also been established. Existing properties identified in the Township's Act 537 needs areas would be exempt from this fee, with the exception of the three existing mobile home parks. The Reimbursement Fee would be collected by DTMA as part of the tapping fee and would then be remitted to the developers. The Reimbursement Agreement is being prepared and will be presented for Board approval and acceptance upon completion and dedication of the project's facilities.

Resolution #2022-34 – Approval of amendment to DTMA's Rate Schedule to establish the tapping fee and reimbursement fee for the Londonderry SR 230 Sewer Extension Project: This resolution was approved on a motion by C. Duncan, seconded by B. Link. The motion passed unanimously by voice vote.

CONSTRUCTION CONTRACTS UPDATE

Clearwater Energy Enhancements Project [Contracts 2020-02G, 2020-02E, 2020-02H]

A construction progress meeting for this project is scheduled for May 24, 2022. All three Contractors continue to make progress on the remaining submittals as well as progress on construction components. Eastern's subcontractor, Empire Services, began contract work relating to the modifications to the Secondary Digester. Specifically, demolition of the existing digester cover is underway, and complete cover removal is planned for the week of May 23rd. Eastern submitted Contract 2020-02G Change Order No. 4, a five day, no-cost time extension change order to account for some extra time needed for the cleaning of the Secondary Digester.

Heisey Mechanical (Heisey) has submitted Contract 2020-02H Change Order No. 2 in the amount of \$139,216.36 for the demolition of carbon filter tanks and lime silos in the Filter Building and Sludge Building, respectively. This additional scope of work was added to the contract to enable Heisey to remain mobilized during the project delays between January and March of this year and to facilitate other future biosolids improvements.

Raw Sewage Pumps Replacement [Contract 2020-03]

Progress on this project has been minimal during the reporting period, as both contractors await equipment deliveries and a replacement of the damaged emergency power ATS. According to Manada Electric, the replacement ATS is expected to be delivered in June.

ESD Cladding System [COSTARS]

Work on the ESD cladding system is essentially complete. A final inspection was conducted by BC on May 4th. Staff and BC will work towards confirmation that all punch list items are complete and await certification of inspection items from the Matrix engineer. This also includes the installation of an additional flashing along the bottom perimeter of the cladding.

Primary Sludge Pump Replacement Project [Contracts 2021-01G, 2021-01E]

On-site work by both the General and Electrical contractors, JP Environmental and Manada Electric respectfully, has begun and is progressing quickly. Staff and Herbert, Rowland & Grubic (HRG) continue to work with the contractors with respect to minor RFIs, coordination with operations, etc. Startup testing of the new pump and grinder is scheduled for May 26th. Project completion is expected in June. Once the Project is Substantially Complete a walkthrough will be scheduled with all parties to identify any punch list items.

2021 Sanitary Sewer and Storm Sewer Rehabilitation Project

Work continued under both Contracts. Farhat Excavating, LLC (Farhat) has completed all work within the scope of their original Contract. Farhat is currently working on completing a storm water repair adjacent to the sanitary sewer repair completed on East Glen Road by DTMA staff. In addition to this work, Farhat is still waiting on the delivery of a headwall trash rack that is to be added to an existing headwall, as requested by DTMA staff. When all work is completed Farhat and DTMA will be conducting a walkthrough with HRG to identify any punch list items.

SPS has also completed all work identified under their original Contract. HRG is waiting for all supporting documentation relating to the last storm water pipe in which CIPP liner was installed. When all information is received, HRG will conduct a walkthrough with SPS and DTMA to identify any remaining punchlist items.

Change Order No. 1 for Farhat for Contract No. 2021-03A is for work that was completed under Work Change Directive 1 relating to storm sewer modifications on Clark Road as a result of utility conflicts and work associated with fixing an existing pipe and stormwater inlet (Inlet I-2) to allow SPS to complete their CIPP lining work.

ENGINEERING STATUS REPORT

NPDES Permit Renewal

Staff is awaiting issuance of final permits for both facilities from PADEP.

Southwest WWTP Upgrade and Expansion Project (Phase 1)

Hazen and their subconsultant, Dawood Engineering, have completed the project's Stormwater Management Plan (SWMP) as confirmed and required for approval by Londonderry Township in lieu of a traditional land development plan submission. Staff is currently reviewing the SWMP, and its submission is planned for the week of May 23rd.

Contract award for the Southwest WWTP Upgrade and Expansion Project will require bidding and construction contract administration as well as full-time field inspection by a resident project representative. Hazen has prepared and submitted a proposal to offer bidding, construction administration and inspection services for the duration of the work performed. The services offered by Hazen are listed in detail in their proposal for a total estimated fee of \$1,172,545.00. Hazen also revealed to Staff this month that due to some unanticipated project design conditions as well as Staff's request to include additional project work items, there has been a need to expand the design scope of work and corresponding engineering services. As a result, additional costs outside of Hazen's contract were incurred. Hazen has, therefore, requested that their contract be amended to include additional compensation for the out-of-scope work. DTMA Staff discussed this issue at length and in detail during two meetings with Hazen and worked towards an agreed upon and reasonable fee increase. The resulting

agreed upon amendment of the additional services amounts to \$84,424.00 as noted in Resolution No. 2022-29.

Spring Creek Interceptor Upgrade Project

The signed Contract Agreements, Bonds, and Insurances were received from Ankiewicz Enterprises. Upon execution of the Agreements, a Notice of Award-Notice to Proceed will be issued to the Contractor. HRG has scheduled a pre-construction meeting with all parties on Thursday, May 26th at 1:00 PM. Legal agreements, with associated easement exhibits and legal descriptions, are currently being finalized by Staff, HRG and DTMA's Solicitor to accommodate the installation of the new sewer pipe on other properties (e.g. Hershey Trust).

High Meadow Pump Station Replacement

HRG continues to progress with verifying topographic mapping and confirming the existing force main utility location.

Clearwater WWTF Phase 1 Facility Improvements

The Phase 1 Facility Planning Technical Memorandum will be finalized by Brown and Caldwell (BC) and delivered to the Authority over the next couple of weeks. Staff and BC are currently planning the next steps for the implementation of the Headworks Improvements and the Biosolids Management Projects.

South Hanover Township Line Upgrade

There have been no further developments on this topic since the previous Board meeting. Staff and HRG await confirmation of a meeting with South Hanover Township.

Standard Construction and Materials Specifications

HRG met with DTMA Staff on April 26th and May 12th to review draft construction details and receive Staff comments. HRG is in the process of finalizing the details and are working on draft technical specifications. The next review meeting is scheduled for May 26th.

Maintenance Garage Expansion

SGS Architects, Inc. (SGS) has provided a proposal to advance the development of construction documents and provide bidding services for the selected building expansion alternative.

Southwest WWTP Headworks Evaluation and Permitting

DTMA staff met with HRG on April 26th to discuss preliminary findings and to provide input on proceeding with the analysis of various alternatives. Based on this discussion, HRG is proceeding in developing detailed preliminary construction cost estimates for the alternatives, including Alternative 3B, which includes further analysis of the structural modifications to the Headworks facility necessary to potentially install a vortex style grit system rated at 4.0 MGD. HRG is also analyzing the grit removal efficiencies of the various alternatives. These results will be incorporated into a Headworks Evaluation Report for discussion with DTMA staff. Staff also met with HRG personnel at the facility on May 18th to investigate what structural modifications may be needed and to confirm the availability of adequate plant utility water to serve the needs of potential replacement equipment alternatives.

Biosolids Drying and Gasification Project

Staff continue to move forward with planning and design efforts for the biosolids drying and gasification project. HRG is completing a 3D scanning of the section of the Filter Building where the biosolids drying and gasification equipment will be constructed. A draft of the 3D model will likely be available by the end

of May. Evaluation of the type and extent of concrete or steel structure need to support the Ecoremedy system in the Filter Building continues. Investigation of the required PADEP permitting applications such as the Water Quality Management (WQM) Part II and the Air Quality Permit is also underway. Inspections of the Ecoremedy equipment by BC and an additional third party (LVR, Inc.) are underway. Material Matters provided the Board with a memorandum identifying and soliciting interest from municipal plants in our region for acceptance of dewatered biosolids. Several of the plants who were contacted expressed an interest in utilizing DTMA's facility as either a primary or secondary source of biosolids disposal.

STORMWATER PROGRAM MANAGER'S REPORT

Derry Township Parks Water Quality Improvements – Bullfrog Valley Stream Restoration

Project design is complete and all required permit and permit waiver applications have been approved. This project is estimated to provide approximately 200,000 lbs./yr. in sediment reduction, 77,803 lbs./yr. of which will be credited to Hummelstown Borough. HRG and Staff have been working to find source(s) for the required type of stone that will be used in the restoration and address DEP comments regarding the use of required stone. The minimum required quantity of rock has been located, although additional material will be acquired if identified during other construction projects. Once the first round of technical comments for Deer Run Stream Restoration is complete, project will be ready to bid. The estimated start of construction is fall 2022.

Deer Run Stream Restoration

Preliminary engineering and landscape design is complete and is estimated to provide over 480,000 lbs. of sediment reduction per year. Permit and permit waiver applications have been submitted and their receipt acknowledged by DEP and USACE. Technical comments from DEP have been submitted and are expected to be addressed by the end of May. To reduce costs, this project is planned to be bid with the Bullfrog Valley Stream Restoration. In order to ensure completion within the next 12 months, the projects will be put out to bid once the first round of technical comments for Deer Run are addressed (end of May).

2021 BMP Retrofits (Stoney Run Basins 1 and 2 and Brookside Park)

Final planting and stabilization for the Stoney Run Basins is underway. Staff is coordinating with Township Staff to ensure Shank Park is restored to the Parks and Recreation Department's standards. Construction on Brookside Park has paused while HRG is working on a design to address unexpected conditions encountered during construction.

Forest Avenue Basin and Swale Improvements

The permit application was updated to address the deficiencies and resubmitted in early April. Easements with Penn State Health and Penn State University, now two separate but collaborative entities, must be secured prior to construction. Bidding will occur upon permit receipt and will be bundled with the Oakmont Community Basin Retrofit. Estimated start of construction is in late summer 2022.

PRP Amendment

HRG has completed a draft of the amended PRP for Staff to review. Staff have been coordinating with Hummelstown Borough for the shared part of the Plan (Bullfrog Valley Stream Restoration). Once HRG addresses Staff comments, the amended PRP will be available online and at the Township building for public comment. A public meeting will be scheduled during the comment period.

Oakmont Community Basin Retrofits

Project design will be finalized upon approval of the easement with Hershey Trust. This project will be bundled with the Forest Avenue Basin and Swale Improvements project since both projects are similar types of projects and both require obtaining easements. This project will replace the failing culvert under Wood Road at Limerick Lane and will protect downstream sanitary sewer infrastructure. The estimated start of construction is late summer 2022.

The Meadows Outlet Structure Replacement

Construction activities have commenced and are near completion.

Stoverdale Road and Shopes Church Road

The final design is 90% complete. Staff is working on easement acquisition.

Clark Road and Stonecutter Circle

The design of both projects is essentially 90% complete. Easement exhibits are being prepared. The necessity of the Clark Road project is being reevaluated.

Ridge Road Drainage Improvements

The Dauphin County Infrastructure Bank (DCIB) General Program application has been submitted. Staff is coordinating with Hershey Entertainment and Resorts Company (HERCO) to identify constructible designs for the Ridge Road drainage outfall. HRG and Staff completed a field view of the potential outfall areas on property along Spring Creek and identified several potential options that are being assessed. HERCO is providing their most updated drawings to HRG and Staff to assist with design.

Spring Creek Watershed Implementation Plan (WIP)

Additional stakeholders have been identified. Data and report gathering is underway. The funding source for this project requires the planning to be done for non-urbanized areas.

ITEMS FOR ACTIONS

Resolution #2022-27 – Approval of Change Order #1 with Farhat Excavating LLC for Contract #2021-03A and Resolution #2022-28 – Approval of Change Order #2 with Heisey Mechanical for Contract #2020-02H: These resolutions were approved on a motion by C. Duncan, seconded by B. Link. The motion passed unanimously by voice vote.

Resolution #2022-29 – Approval of Hazen and Sawyer Amendment #1 to their Consulting Services Agreement for the Southwest WWTF Upgrade and Expansion Project: This resolution was approved on a motion by R. Furlan, seconded by C. Duncan. The motion passed unanimously by voice vote.

Resolution #2022-30 – Acceptance of Hazen and Sawyer proposal for bidding, construction administration, and inspection services for the Southwest WWTF Upgrade and Expansion Project: This resolution was approved on a motion by R. Furlan, seconded by C. Duncan. The motion passed unanimously by voice vote.

Resolution #2022-31 – Approval of SGS Design and Bidding Proposal for the Maintenance Building Expansion Project: This resolution was approved on a motion by B. Link, seconded by C. Duncan. The motion passed unanimously by voice vote.

Resolution #2022-32 – Bid award of the Groundskeeping Services Contract to Karen A. Showers/Showers Landscaping: This resolution was approved on a motion by B. Link, seconded by C. Duncan. The motion passed unanimously by voice vote.

Resolution #2022-33 – Ratification of project payments from the 2020 Capital Project Funds: Staff reviewed the payments from the 2020 Capital Project Fund requiring Board ratification. This resolution was then approved on a motion by C. Duncan, seconded by B. Link. The motion passed unanimously by voice vote.

NEW BUSINESS

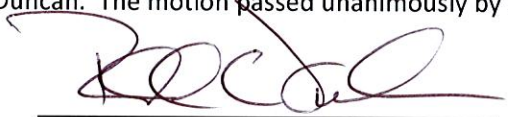
There was no New Business to present at this time.

PUBLIC COMMENT

There was no public comment at this time.

ADJOURNMENT

With no further business to come before the Board, R. Furlan made a motion to adjourn the May 23, 2022 public meeting at 6:39 p.m., seconded by C. Duncan. The motion passed unanimously by voice vote.



(Assistant) Secretary