

**MINUTES OF THE MEETING  
DERRY TOWNSHIP MUNICIPAL AUTHORITY  
670 CLEARWATER ROAD  
HERSHEY, PA 17033  
MONDAY, MARCH 27, 2023**

The Derry Township Municipal Authority Board held its regular monthly meeting on Monday, March 27, 2023, 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
<b>Board Members</b>		
Robert Cerminara	X	
Michael Corado	X	
Charles Duncan (arrived at 6:02 p.m.)		X
David Feidt	X	
Ronald Furlan	X	
Kelly Heffner-Means	X	
Carter Wyckoff		X
<b>Staff</b>		
William Rehkop (Executive Director)	X	
Kimberly Bloom (Deputy Director)	X	
Michael Postick (Staff Engineer)	X	
Dennis Beck (Comptroller)	X	
Michael Shambaugh (Network Systems Manager)	X	
<b>Consultants</b>		
Daryl Dethlefs (Dethlefs Pykosh)	X	
Colin O'Brien (Brown and Caldwell)	X	
Josh Fox (HRG)	X	
<b>Other Attendees</b>		
No other attendees		

**PUBLIC COMMENT**

There was no public comment at this time.

**APPROVAL OF PREVIOUS MINUTES**

R. Furlan made a motion to approve the Minutes of the January 23, 2023 Board meeting. K. Heffner-Means seconded. The motion passed unanimously by voice vote.

### **APPROVAL OF TREASURER'S REPORT AND BILLS FOR PAYMENT**

Staff presented the January and February Treasurer's Reports and Bills for Payment for approval. K. Heffner-Means made a motion to approve the reports, seconded by R. Furlan. The motion passed unanimously by voice vote.

### **STAFF UPDATES AND REPORTS**

#### **CONSTRUCTION CONTRACTS UPDATE**

M. Postick provided the following report for current contracts.

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

A progress meeting was held on February 28<sup>th</sup> with an upcoming meeting scheduled for March 28<sup>th</sup>. All three contractors continue to progress with construction. The Engineering team continues to be responsive to RFIs, contractor concerns, etc., and RPR activities are coordinated daily with the team. Mr. Postick reviewed work status and progression for each contractor. The current project schedule now notes final completion in August 2023.

Colin O'Brien, Brown and Caldwell, noted the new equipment that had been put into place and is now operational. He also noted that the retainage held on construction payments for Eastern Environmental has been reduced from 10% to 5% per contract documents.

Mr. Rehkop noted that Divert has resumed bringing in high strength organic waste (HSOW) for treatment. Staff is also in talks with other entities for receiving more HSOW. The Hershey Company has also expressed an interest for DTMA to return to processing their sludge.

#### **Raw Sewage Pumps Replacement [Contract 2020-03]**

Heisey Mechanical (Heisey) is currently working on the replacement of Raw Sewage Pump No. 3, with assistance as needed by Manada Electric (Manada). Pump 4 installation is essentially complete. Staff have also been working with RKK, Heisey and Manada with respect to coordinating SCADA communications, start-up and control for the new pumps.

#### **Spring Creek Interceptor Upgrade Project [Contract 2022-01]**

HRG and DTMA Staff continue to manage the daily construction items, RFIs, change order proposals, etc. Job conferences were held on February 7<sup>th</sup> and March 7<sup>th</sup>; an upcoming conference has been scheduled for April 7<sup>th</sup>.

The Contractor, Ankiewicz Enterprises, Inc. (Ankiewicz), has completed the installation and testing of the new sewers behind Tanger Outlets, including to the upstream endpoint near Hersheypark Drive. Work will soon progress to the downstream areas near the Hershey Silos. Ankiewicz, HRG and DTMA Staff have coordinated regularly with respect to management of existing utility locations and conflicts, in particular recently regarding a conflict with a Hershey Company process water supply line, and necessary related sewer location field modifications.

Josh Fox of HRG noted that the contractor completed the asbestos testing on the above-ground utilities behind the silos. There was only one area that tested positive so the abatement was performed within the contract allowance for this work.

### ENGINEERING STATUS REPORT

#### Southwest WWTP Upgrade and Expansion Project (Phase 1)

In early March, Hazen and Sawyer submitted the contract documents to US EDA for their review per the federal requirements of the grant. Staff is currently addressing comments received by US EDA to date.

Mr. Rehkop and Solicitor Dethlefs reported on additional items needed for the US EDA grant. As required in the Specific Award Conditions (SAC) of the US EDA grant, DTMA will need to execute a mortgage lien on the Southwest Plant property in order to protect the Federal Interest with the funds issued under this grant award. Solicitor Pykosh has also completed a legal review of this requirement. Resolution 2023-19 authorizes the Board to execute the Agreement and Mortgage and for the solicitor to record the documents in the Dauphin County Courthouse.

#### High Meadow Pump Station Upgrade

The project team met with Hershey Entertainment & Resorts (HE&R) team on January 24<sup>th</sup> to review the force main alignment and discuss the pump station design as it relates to potential future development in the vicinity that would contribute flow to the HMPS. HRG completed field mark-out of the proposed force main following approval of the alignment by HE&R. Additional coordination with HE&R and Hershey Company is forthcoming.

The PA Historical Museum Commission (PHMC) Phase 1 Archeological Study was completed by CHRS, Inc. and they noted no negative impacts. CHRS will work towards a final submission to PHMC.

Efforts also remain ongoing with respect to coordinating the pump station design in tandem with PADEP planning needed for the Hershey West End development project. HRG is continuing with the design and permit applications and awaits related planning efforts from Hershey Trust. They have also completed an updated construction cost estimate.

#### South Hanover Township (SHT) Force Main Upgrade Sewer System Capacity Study

DTMA Staff and HRG have continued to review the impacts of SHT's proposal to upgrade their Swatara Creek Pump Station and related force main. Staff's position is that the maximum SHT flow should be limited and that additional reserved capacity will need to be obtained by SHT still stand.

#### Maintenance Garage Expansion

DTMA Staff met with SGS Architects/Engineers, Inc. on March 9<sup>th</sup> to provide final comments on the final building floor plans and land development plan approach. Final design and advancement of the related land development plan are now underway. Staff are looking towards an anticipated schedule of land development plan submission for inclusion in the May Township meeting, with contract bidding in mid-summer 2023 after receipt of required permits and approvals.

#### Southwest WWTP Headworks Project

HRG submitted the WQM Part II Permit Application on December 30, 2022. No comments have been received from PADEP to date. HRG completed an evaluation of the existing HVAC system at the Headworks Building to include recommendations for improvement. This evaluation is currently being reviewed by DTMA Staff.

HRG is working with equipment manufacturers to finalize submittal packages. To that end, Thomas and Muller inspected the aerated grit chamber on March 21<sup>st</sup> to verify equipment sizing.



On March 15<sup>th</sup> a preliminary start-up and operation of the Lytle Farms Pump Station was conducted to observe any impacts to the Headworks influent channel. HRG and DTMA Staff are currently considering various operational sequences to prevent the Headworks influent channel from surcharging.

#### High Meadow Pump Station Drainage Basin Flow Monitoring Plan

In February, nine (9) wastewater flow meters were installed and are currently collecting data. HRG and DTMA Staff review the data on a regular basis through the remote monitoring site to ensure meter uptime and data accuracy.

#### High Strength Organic Waste (HSOW) Offloading Station Improvements

DTMA Staff and HRG held a project kick-off meeting on February 2<sup>nd</sup> and also met with representatives from Huber Technology on March 1<sup>st</sup> to review methods for screening the HSOW offloadings. HRG anticipates submitting an evaluation report on improvement alternatives in May.

#### Biosolids Drying and Gasification Project

Mr. O'Brien noted that DTMA Staff and Brown & Caldwell (BC) continue to move forward with planning and design efforts for the biosolids drying and gasification project. Over the last couple of months, several meetings were held with the project team in review of Kappe/Ecoremedy's submittal progress and schedule. He anticipates that this process should be completed within the next two months.

Mr. Rehkop noted that BC is preparing the necessary permit application for the PADEP Air Quality Permit with assistance provided by Ecoremedy. It is anticipated that the Air Quality permit application will be submitted to PADEP by the end of April 2023. Work is progressing on the PADEP Water Quality Management Part II Permit.

BC submitted a consulting services agreement for approval for this project. The BC project team is providing contract support for the Kappe/Ecoremedy portion of the project and is developing contract bid documents for the dewatered cake receiving and transport systems and the Filter Building modifications to include structural foundations to support the Ecoremedy equipment, electrical, gas and water utilities, and HVAC improvements.

#### Clearwater WWTF Headworks Upgrade Project

This project was recommended as part of the Clearwater WWTF Phase I Facility Improvements evaluation. The observed wear on process equipment and pumps at the Clearwater WWTF was determined to be caused by grit particles within the liquid and solids waste stream, which were not effectively being removed by the existing grit removal system located at the Headworks. The replacement of the existing grit removal system with an improved system will significantly enhance grit removal efficiency as well as particle size removal and protect the operation of the downstream equipment. The project has also been expanded to include the replacement of the two (2) existing cylindrical fine screens located at the Headworks due to recent maintenance concerns with the associated equipment which is approaching the end of its useful life. The total cost is anticipated to remain within the budgeted amount for this project. BC submitted a consulting services agreement to perform the design, permitting, bidding, and construction phase services for this project.

#### 2023 Sanitary Sewer and Storm Sewer Rehabilitation Contracts

As part of DTMA's preventative maintenance program, DTMA Staff identified various areas of the sanitary sewer collection and conveyance system that are in need of repair and/or replacement. HRG will prepare

two (2) separate bidding and contract documents to acquire the services of contractors to complete the 2023 Sewer Rehabilitation project. Two contracts (2023-01 and 2023-02) will be awarded to accommodate either traditional excavation or trenchless (i.e. lining) construction methods. HRG is working towards completing the documents for review the week of April 3<sup>rd</sup>.

Mr. Fox explained that Staff and HRG are looking to combine future Sanitary Sewer and Storm Sewer Rehabilitation Contracts and the Sanitary Sewer and Storm Sewer Emergency Repairs contracts into one IDIQ contract. As long as the repairs and maintenance do not change or improve the existing sanitary or stormwater systems, then Staff would be able to do the repairs or maintenance as needed instead of compiling a list of areas that need attention and then bidding for these repairs. Repair, rehabilitation, and maintenance contracts do not require the payment of prevailing wages, which can save up to 26% on the cost of the project. Any repairs to the system that would result in capital improvements, such as changing the slope of a pipe, adding a manhole, or enlarging the pipe size would still need to be bid and would require a separate contract.

#### Sanitary Sewer and Storm Sewer Emergency Repairs Contract

The current emergency repair contract will expire in May 2023. Staff have evaluated contract options to consider for future sanitary sewer and storm sewer replacement and repair projects. Staff, HRG and DTMA's Solicitor met on February 16<sup>th</sup> to review the Indefinite Delivery Indefinite Quantity (IDIQ) contract approach mentioned above from a programmatic and legal perspective. In review, Staff and the Solicitor determined that the IDIQ contract approach will be more efficient in completing future sanitary sewer and storm sewer repairs. HRG is completing the necessary contract documents for bidding by May 2023.

#### STORMWATER PROGRAM MANAGER'S REPORT

Mr. Postick provided the report for this month's meeting.

#### Forest Avenue Swale and Oakmont Community Basin Retrofit Projects

The contractor, Kinsley Construction, Inc. (Kinsley) began work on the Oakmont portion of this project in early February and has progressed considerably with swale regrading and realignment, forebay construction, erosion control facilities, etc. The majority of the project work should be completed by May 2023. Staff continues to work towards obtaining final temporary easements from Penn State Health, Penn State University, and the Hershey Trust to accommodate the Forest Avenue Swale portion of this project.

The additional work associated with the replacement of a stream culvert across the access road to Shank Park has been added to the project a Work Change Directive in the amount of \$102,471.00. The final price adjustment will be incorporated into the contract, via a change order, upon completion of the work.

#### Bullfrog Valley Stream Restoration

The Contractor, Aquatic Resource Restoration Company (ARRC), has essentially completed the primary construction work at the Bullfrog Valley site, with completion of landscaping, final path restoration, etc. to occur in the spring. This project area will be extended slightly to include additional restoration near the Bullfrog Valley Stream pedestrian bridge. Mr. Furlan suggested that DTMA should consider doing some public relations work promoting the work that it is doing in various areas throughout the township as part of the stormwater management program.

With Staff's addressing the need to close outstanding easement agreements, ARRC and their subcontractor, Kinsley, began full time work at the Deer Run Stream site in January and have completed tree clearing and most of the heavy excavation and stream regrading/realignment. Staff has worked



closely with site contractors and has been in regular communication with private property owners affected by the work.

#### Stormwater Ordinance

A fully revised version the Stormwater Ordinance, aligned with PADEP's Model Ordinance, was completed by DTMA Staff, Township Staff, and HRG on March 22<sup>nd</sup>. The revised Stormwater Ordinance is currently under review by the Township Solicitor.

#### Ridge Road Drainage Improvements

Staff is currently reviewing the draft Joint Permit Application and is working with HRG to coordinate geotechnical investigations on private properties near Ridge Road.

#### Brookside Park and Stoney Run Basin Retrofits

Minor punchlist items related to cleanup, seeding and revegetation remain outstanding for this project.

#### Stormwater Capital Improvement Plan and Stormwater Program Fee Rate Study

HRG continues to progress with the CIP and Study. With respect to the CIP, HRG conducted field inspections of stormwater facilities and met with Staff on March 10<sup>th</sup> to discuss future potential projects. Progress continues on GIS mapping of infrastructure and assets and development and future project costs and priorities. Mr. Rehkop noted that he had reached out to some Township Supervisors to let them know about this CIP and Study to make sure that DTMA captures any areas of concern that the Supervisors may be hearing from residents but which DTMA may not be aware. He also reported that DTMA's participation on the Township's Program Management Meetings has been very helpful with DTMA being able to be proactive in Township projects.

#### Water Resource Enhancement Program (WREP)

Meetings were held on February 22<sup>nd</sup> and March 22<sup>nd</sup> by the Advisory Committee, with Staff in attendance, to respectively kickoff the program and discuss the programs goals, water-related projects, potential collaborations, etc.

#### Spring Creek Watershed Improvement Program (WIP)

No update during this period.

### ITEMS FOR ACTIONS

#### **Resolution #2023-12 – Ratification of project payments from the 2021 and 2022A Capital Project Funds:**

Staff reviewed the payments from the 2021 and 2022A Capital Project Funds requiring Board ratification. This resolution was then approved on a motion by K. Heffner-Means, seconded by M. Corado. The motion passed unanimously by voice vote. Ms. Means asked if the amount being paid could be reported in the body resolution instead of just referring to the amounts on the Tables attached to the resolution.

#### **Resolution #2023-13 – Approval of Co-Managed IT Security Services Agreement and Statement of Work from Capital City Computers DBA IntermixIT:**

This resolution was approved on a motion by C. Duncan, seconded by R. Furlan. The motion passed unanimously by voice vote.

#### **Resolution #2023-14 – Approval of HRG Proposal for the 2023 Sanitary Sewer Rehabilitation Project:**

This resolution was approved on a motion by R. Furlan, seconded by M. Corado. The motion passed by voice vote. D. Feidt abstained from voting due to a professional business association with HRG.

**Resolution #2023-15 – Approval of Consulting Services Agreement with Brown and Caldwell for the Clearwater Road WWTF Biosolids Drying and Gasification Project Design, Permitting, and Bidding Services:** This resolution was approved on a motion by R. Furlan, seconded by K. Heffner-Means. The motion passed unanimously by voice vote.

**Resolution #2023-16 – Approval of Consulting Services Agreement with Brown and Caldwell for the Clearwater Road WWTF Headworks Upgrade Project for Design, Bidding, and Construction Administration Services:** This resolution was approved on a motion by M. Corado, seconded by R. Furlan. The motion passed unanimously by voice vote.

**Resolution #2023-17 – Authorization to Initiate Condemnation Proceedings to Establish Sanitary Sewer Easement over Lands of Unknown Owner and Resolution #2023-18 – Authorization to Contract with RSR Appraisers and Analysts:** Mr. Dethlefs reported that in the Londonderry Rt. 230 Extension Project there is a 792 foot portion of the project where a property owner is not evident. These resolutions permit DTMA to initiate condemnation proceedings for this property and reimburse the appraiser who has already performed the work to establish the area needed for condemnation. These resolutions were approved on a motion by R. Furlan, seconded by M. Corado. The motion passed unanimously by voice vote.

**Resolution #2023-19 – Authorization of Agreement and Mortgage with US Department of Commerce, Economic Development Administration for the SWTP Upgrade Project:** This resolution was approved on a motion by M. Corado, seconded by R. Cerminara. The motion passed unanimously by voice vote.

**Resolution #2023-20 – Approval of Proposal from Illuminated Integration for the Administration Building Soundproofing Project:** This resolution was approved on a motion by K. Heffner-Means, seconded by R. Furlan. The motion passed unanimously by voice vote.

#### 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 March 27, 2023 public meeting at 7:12 p.m., seconded by R. Cerminara. The motion passed unanimously by voice vote.

  
(Assistant) Secretary