

**MINUTES OF THE MEETING  
DERRY TOWNSHIP MUNICIPAL AUTHORITY  
670 CLEARWATER ROAD  
HERSHEY, PA 17033  
MONDAY, MAY 22, 2023**

The Derry Township Municipal Authority Board held its regular monthly meeting on Monday, May 22, 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 6:45 p.m.

**ROLL CALL**

Attendees	In-Person	Virtually
Board Members		
Robert Cerminara		
Michael Corado		
Charles Duncan		X
David Feidt	X	
Ronald Furlan (arrived at 6:45 p.m.)		X
Kelly Heffner-Means	X	
Carter Wyckoff (arrived at 6:45 p.m.)		X
Staff		
William Rehkop (Executive Director)	X	
Kimberly Bloom (Deputy Director)	X	
Michael Postick (Stormwater Program Manager)	X	
Dennis Beck (Comptroller)	X	
Michael Shambaugh (Network Systems Manager)	X	
Dylan Ellinger (Staff Engineer)		X
Consultants		
Mike Pykosh (Dethlefs Pykosh)	X	
Colin O'Brien (Brown and Caldwell)	X	
Bruce Hulshizer (HRG)	X	
Mike Hess (HRG)		X
Other Attendees		
Dave Tshudy – Troutman Pepper Hamilton Sanders		

***At 6 p.m. there was not a quorum of Board members present to conduct Authority business for this meeting. The Solicitor advised that Staff could, however, present informational reports to those members present. At 6:45 it was noted that two other Board members had joined the meeting virtually, so there was now a quorum of the Board present to conduct Authority business.***

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

### **STAFF UPDATES AND REPORTS**

#### **CONSTRUCTION CONTRACTS UPDATE**

The Executive Director provided the following report for current contracts.

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

Work activity continues to be focused on the scheduling and completion of start-up activities. Start-up of the Gas Conditioning Equipment supplied by GraniteFuel occurred during the first week of May with favorable performance results. Start-up and commissioning of the Cummins generators is scheduled to begin the week of May 22<sup>nd</sup> and will continue into the first week of June. Note that the successful start-up of the Gas Conditioning Equipment has allowed DTMA to once again utilize the existing cogeneration engine and the hot water boiler for heating the egg-shaped digester.

Brown and Caldwell (BC), HRG, RKK and DTMA Staff are continuing to itemize a punchlist of all outstanding contract items that remain for completion by the contractors. It is anticipated that Substantial Completion will be achieved in June.

Heisey Mechanical submitted Change Order #04 for an increase in the contract price of \$113,532.00 for the additional materials and labor to install the hot water supply and return piping aboveground between the existing digester boiler building and the new gas conditioning system, in-lieu-of underground per the contract documents, due to conflicts with existing underground infrastructure as determined in the field by ground penetrating radar. The work includes the additional pipe & fittings, heat tracing, pipe insulation and aluminum cladding, and stainless steel wall supports. A credit was provided for the underground piping installation, excavation, and backfill costs. Mr. Rehkop noted that DTMA would be providing a tour of the DTMA Clearwater Road WWTP to PennTec Conference attendees this year which is held in Hershey from June 18-23.

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

All four (4) Flygt Raw Sewage Pumps have now been installed, with only electrical work remaining for Pump No. 1. Staff continues to work with RK&K, Heisey and Manada with respect to coordinating SCADA communications, start-up and control for the new pumps. Testing of Pump Nos. 1 and 2, along with the dry well dewatering pump, is scheduled for May 24<sup>th</sup>.

On May 20<sup>th</sup> and 21<sup>st</sup>, Motor Control Center MCC-1 will be replaced with a new MCC-C in the Administration Building Electrical Room. This will not involve any significant power shutdowns or the need for additional temporary power.

The Contract also calls for the existing wiring from the emergency generator to a new Motor Control Center (MCC-PC1) to be replaced with new wiring. After further consideration it was determined that this

would be very difficult and could result in damaging the new wiring during installation. Manada offered a credit of \$32,084.24 to leave the existing generator wiring in place. Staff has determined that the existing generator wiring is in good condition and therefore the existing wire is not in need of replacement at this time. RK&K will review the credit offered by Manada and will prepare an appropriate credit change order.

Spring Creek Interceptor Upgrade Project [Contract 2022-01]

Ankiewicz Enterprises, Inc. (Ankiewicz) is currently proceeding with pavement restoration behind the Tanger Outlets and across Northeast Drive. Work behind the Hershey Co. Building 45 on Mansion Road and across Spring Creek is forthcoming. Some additional conflicts relating to additional underground utility piping discoveries, simultaneous PPL work in the area, and coordination with the Hershey Company were managed during the reporting period.

ENGINEERING STATUS REPORT

The Executive Director provided the following report for current contracts.

Southwest WWTP Upgrade and Expansion Project (Phase 1)

DTMA Staff continues to await US EDA's approval of the project plans and specifications. Once this process is approved, Hazen will proceed with the contract bid advertisement.

High Meadow Pump Station Upgrade

Coordination continues with Hershey Trust and their engineer with respect to coordinating the pump station design in tandem with PADEP planning needed for the Hershey West End development project. This planning will need to be finalized before the project's Water Quality Management Part II Permit application can be submitted.

Modifications to the design are underway to account for additional flows from Hershey Entertainment and to refine the structural and mechanical approach (e.g. elimination of the valve vault, use of a triplex pumping system). Staff will be submitting a formal letter to Hershey Trust regarding the capital cost contribution once HRG has a refined construction cost estimate. A PADEP General Permit 11 has also been recently received to accommodate the eventual construction work in the Swatara Creek floodway.

Southwest WWTP Headworks Project

Rettew is preparing, on behalf of South Hanover Township, an Act 537 Special Study for submission to PADEP for the force main pipe replacement and upsize. Staff provided a letter to South Hanover Township dated May 8<sup>th</sup> taking no exceptions to their modified approach and the near-term improvements currently proposed.

Maintenance Garage Expansion

A revised version of the project's land development plan has been submitted to Derry Township for inclusion in the June Township Planning Commission meeting. Additional changes were made to the plans per Township request and subsequent to a meeting with the Township on May 2<sup>nd</sup> to discuss the plan. Staff is internally reviewing the 25% complete architectural design plans in the interim while the land development plan is in process.

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

Flow data received for the nine (9) study area drainage basins continues to be collected and analyzed. Meters showing any low quality data continue to be recalibrated and their locations re-evaluated.

The data to date, however, preliminarily reveals that drainage Basins 4, 5 and 6 experience the greatest estimated inflow/infiltration and peak flows and therefore will likely become the priority areas where collection system improvements are made.

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

HRG continues with the evaluation of potential improvements for this facility. The evaluation has been expanded to investigate the potential for additional on-site HSOW storage in order to provide process consistency and greater hauling/unloading flexibility. HRG and DTMA Staff met again on May 17<sup>th</sup> to further discuss the conceptual design.

#### Biosolids Drying and Gasification Project

Staff and Brown & Caldwell (BC) continue to move forward with planning and design of the biosolids drying and gasification project. Efforts remain concentrated upon prioritizing and reviewing numerous equipment and process submittals from Ecoremedy.

BC and Staff also continue to evaluate the most feasible and cost effective options for cake receiving, conveyance, and storage equipment which are not included in the scope of supply from Ecoremedy. A team meeting was held on May 15<sup>th</sup> to discuss these facilities. An application for an Air Quality Permit was submitted to PADEP on May 18<sup>th</sup>.

#### Clearwater WWTF Headworks Upgrade Project

Design data and options for the screening equipment (Duperon) and grit removal equipment (Veolia) are currently being evaluated. The electrical infrastructure within the Headworks building is also being evaluated to see how the new equipment can be accommodated and if existing control panels can be used.

#### 2023 Sanitary Sewer Rehabilitation Contracts

DTMA Staff and HRG are currently reviewing the construction costs associated with each rehabilitation site in order to shortlist what will be included in the project. Once the scope of work is determined by Staff, the design documents will be finalized.

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

The bidding period for the project is now underway. A prebid meeting was held on May 16<sup>th</sup>, and bid opening is scheduled for June 1<sup>st</sup>.

#### STORMWATER PROGRAM MANAGER'S REPORT

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

#### Forest Avenue Swale and Oakmont Community Basin Retrofits

Work by the project contractor, Kinsley Construction, Inc. (Kinsley) remains on hold at these two project locations until final temporary easements from Penn State Health, Penn State University, and the Hershey Trust to accommodate the Forest Avenue Swale and Wood Road portions of these projects are acquired. These private property owners have reviewed the draft easements with only minor comments. Staff is



working with them to finalize the easements. In coordination with Township Staff, it has also been decided that the Shank Park access road stream culvert replacement should be postponed until the fall of 2023 so that access to park activities is not interrupted.

#### Bullfrog Valley Stream Restoration

Site construction work as specified under the original contract at both project sites is essentially complete. Substantial Completion inspections at both sites are to occur in June, with subsequent punchlist items to be determined at that time (e.g. reseeding where needed, minor restorative grading, etc.). Upon further consideration, an additional area of stream bank restoration at the downstream end of the Bullfrog Valley Stream near the pedestrian bridge will not be added to the project. Concerns raised by PADEP with respect to the in-stream cross vane structure elevations and side stream erosion potentially caused by the project work in the Bullfrog Valley Stream have been satisfactorily addressed.

#### Ridge Road Drainage Improvements

Geotechnical investigations on the Hershey Company, Hershey Plaza and Hershey Trust properties have been completed. Results are forthcoming from the geotechnical consultant.

#### Brookside Park and Stoney Run Basin Retrofits

Only minor vegetation restoration remains on the punchlist for this project.

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

Mike Hess from HRG reported that work continues to progress with the CIP and Study. With respect to the Study, HRG and DTMA Staff met on April 6<sup>th</sup> to discuss stormwater bill procedures, impervious area calculations, credit procedures, etc. for use in the rate study analyses. Projects were discussed and will be prioritized for inclusion in the rate study. Coordination with PADOT on what projects they may have coming up is necessary in determining what costs would be for DTMA for projects that may be in similar areas as PADOT. Mr. Rehkop also noted that DTMA is now attending planning and coordination meetings at the Township of Derry to help better coordinate sanitary and stormwater work that may need to occur within the Township's Public Works projects.

#### Water Resource Enhancement Program (WREP)

An Advisory Committee meeting, with Staff in attendance, was held on May 4<sup>th</sup> at the DTMA Clearwater Road facility. The Committee discussed the presence of impaired streams within the participating municipalities; the types of joint projects or collaborative programs (e.g. training, BMP inspections) desired by the participating municipalities; options for public outreach describing WREP activities; and available funding sources.

### **ITEMS FOR ACTIONS**

**Resolution #2023-24 – Ratification of project payments from the 2020A, 2021C and 2022A Capital Project Funds:** Staff reviewed the payments from the Capital Project Funds requiring Board ratification. This resolution was then approved on a motion by K. Heffner-Means, seconded by R. Furlan. The motion passed unanimously by voice vote.

**Resolution #2023-25 – Approval of Change Order #4 with Heisey Mechanical for work associated with Contract #2020-02H:** This resolution was approved on a motion by K. Heffner-Means, seconded by C. Duncan. The motion passed unanimously by voice vote.

**Resolution #2023-26 – Approval of SR 230 Corridor Developers Reimbursement Agreement for the Londonderry Township Sewer Extension Project:** This resolution was approved on a motion by C. Duncan, seconded by R. Furlan. The motion passed unanimously by voice vote.

**Resolution #2023-27 – Approval of US EDA Covenant of Purpose, Use, and Ownership and the Notice of Federal Interest for the Southwest Plant Property:** This resolution was approved on a motion by K. Heffner-Means, seconded by R. Furlan. The motion passed unanimously by voice vote.

**OTHER BUSINESS**

No other business came before the Board 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 22, 2023 public meeting at 7:21 p.m., seconded by K. Heffner-Means. The motion passed unanimously by voice vote.

  
(Assistant) Secretary