

WEST GOSHEN SEWER AUTHORITY
REGULAR MEETING
September 7, 2016

The regular meeting of the West Goshen Sewer Authority was held on Wednesday, September 7, 2016 at the West Goshen Township Administration Building. Those present were:

Authority

Dan Tierney
Phil Corvo
Theodore Murphy
Shaun Walsh

Administration
Casey Lalonde
Dave Woodward
Mike Moffa

Unruh, Turner
Amanda Sundquist

HRG
Josh Fox

The regular meeting of the Authority was called to order at 7:30 P.M. by Ted Murphy.

Phil Corvo motioned to approve the August 3, 2016 meeting minutes, seconded by Shaun Walsh. Approved 4-0.

Wastewater Superintendent Report was presented by Mike Moffa.

Solicitor's Report presented by Amanda Sundquist.

Treasurers Report was presented by Dan Tierney.

Josh Fox gave the Engineers report dated September 6, 2016: (See report for details)

1. Current Items

a) Goose Creek Stream Study/TMDL Permit Issues

The final report was submitted to EPA on Friday, October 30, 2015. EPA is to review the report as well as other documentation and reconsider the Goose Creek designation as "nutrient" impaired. The next semi-annual report is due to be submitted to EPA by July 6, 2016. The HRG plant model is to be used as part of the July semi-annual report to EPA. A draft status report prepared by HRG, Inc. was marked up by Steve Miano of Hangley Aronchick.

DEP is preparing to issue its 2016 integrated Water Quality Report which provides designations to various water bodies in PA every two years. In speaking with the DEP, HRG will be submitting the Part 2 Permit Application before the next Authority meeting.

b) 2016 Sanitary Sewer System Repair Project

Work is underway for Contract 16-1. All of the spot repairs have been completed to-date and the manhole replacement is scheduled to begin on September 6 on South Concord Road. Additionally, the sewer cleaning is scheduled to begin on September 6. Job conference No. 1 was held on August 31. Important items discussed at the job

conference were the performance of the excavation subcontractor, Eagle Contracting, and the additional work required for Spot Repair No. 2.

c) Clarifier No. 3

Work on the repairs to the structural clarifiers is underway and is approximately 60% complete. M2 Construction has submitted Application for Payment No. 1. We have reviewed the application for payment and are recommending payment be made to M2 Construction in the amount of \$128,756.16. The existing corbels did not have the required hook bars, nor were they large enough to add new hook bars and maintain the required concrete cover over the new bars. As a result, the existing corbels were demolished and new, larger corbels formed and poured to support the new effluent channel. Because the additional work was necessary to complete the scheduled repairs, we are recommending that the Authority approve Change order No. 2. Because of the timing related to the Holiday weekend, we have not received the final costs or time extension. We are recommending that the Authority approve Change Order No. 2 to increase the Contract Price by an amount not to exceed \$12,000 and to provide an extension to the contract Time not to exceed September 22, 2016.

d) Secondary Digester Cover

The HRG report suggested alternate means of digesting the sludge, most of which involved a switchover to the aerobic digestion process. This is still being evaluated in further detail with HRG, Inc. and the staff. Nothing new this month.

e) Sludge Dewatering Project

This is now not a high priority item and will be evaluated in more detail at a later date.

f) Emergency Generator Replacement & Storage Tanks at WWTP

Bids were opened on Friday, September 2, 2016 and five (5) bids were received. The apparent low bidder was F.W. Houser, Inc. from Malvern, PA with a total cost of \$388,868.00. Pending the Solicitor's review and pending receipt of the bidder's qualifications to complete the work, we are recommending that the Authority authorize HRG to issue the notice of intent to award.

i.) Downing Avenue (Woodcrest Area) Pumping Station #10

The appraisal for the potential land swap with Aqua is currently being completed by the Township.

j) Grit Removal System and Headworks Improvement

Work is continuing on the design of the headworks improvement project. We are currently in the process of finalizing the Water Quality Permit Application for submission to DEP. We are working diligently to have the application prepared and ready to be submitted by Monday September 12.

k) Process Model and Solids Study

A draft copy of the Wastewater Treatment Plant Total Phosphorus Reduction Evaluation Report was submitted to the Authority and Township Staff for review and comment. As requested, HRG worked with Evoqua to complete jar testing/bench scale testing of the Co-Mag System.

l) Tapping Fee Study

A proposal to complete the tapping fee study in accordance with PA Act 57 of 2003 has been provided for the Authority's consideration.

Josh Fox's request for motions (see above for details)

- a) Ted Murphy motioned to make Payment No. 1 for Primary Clarifier No. 3 to M2 Construction, seconded by Shaun Walsh. Approved 4-0.
- b) Shaun Walsh motioned to approve Change Order No. 2 for Primary Clarifier No. 3, seconded by Ted Murphy. Approved 4-0.
- c) Ted Murphy motioned to authorize HRG to issue the notice of intent to award for the Generator Replacement, seconded by Phil Corvo. Approved 4-0.
- d) Ted Murphy motioned to authorize Mike Moffa to sign on behalf of the Authority the Part 2 Permit Application for the DEP, Josh will sign and seal for HRG, seconded by Shaun Walsh. Approved 4-0.
- e) Ted Murphy motioned for Evoqua to prepare a proposal to complete a pilot test for the Solids Study in April 2017, seconded by Phil Corvo. Approved 4-0.
- f) Dan Tierney motioned to approve Act 57 Capital Charge (Tapping Fee) Study by HRG, seconded by Phil Corvo. Approved 4-0.
- g) Ted Murphy motioned for HRG to prepare the CFA Small Water and Sewer Grant Application, seconded by Phil Corvo. Approved 4-0.

2. Developments – See Engineers Report

- a) Shadeland Woods (29 & Boot)
- b) Woodlands at Graystone (Jerrehian Large Tract)
- c) Goshen Leisure Development (6 bldgs. N. Hagerty) – waiting on escrow money
- d) Lincoln Independence Park (831 Lincoln Ave)
- e) Arbours at West Goshen (Ward Ave)
- f) Arbours Square West Goshen
- g) Wexford Mews (Wexford/Kirkland)
- h) 825 Goshen Road (Zarelli)
- i) 415 Goshen Road (Gavin)
- j) Liberty Tools (Saunders Ln)
- k) Kirkland Woods (Kirkland/Ashbridge)
- l) Jerrehian (3 lot)
- m) Pica Restaurant (Rt3)
- n) Summit Realty (Rt3 & Five Pts)
- o) Traditions of West Goshen (Boot Rd)
- p) Laurel Ridge (Glen White 1320 Pottstown Pk)
- q) 702 Old Westtown Road
- r) West Chester University
- s) Ice Line/Howell (700 Lawrence)
- t) Goshen Leisure Driving Range
- u) Reserve at West Goshen (1210 West Chester Pike)
- v) Islamic Society
- w) Smoothie King (1101 West Chester Pike)
- x) Chester County Hospital Expansion (701 E. Marshall St.)

Dan Tierney motioned to approve requisitions and bills to be paid, seconded by Ted Murphy. Approved 4-0.

Ted Murphy motioned to approve HRG to design plans Sewer Plant Security at the plant entrance, seconded by Dan Tierney. Approved 4-0.

Dan Tierney motioned to approve changing the locks on all WGSA buildings and gates, seconded by Phil Corvo. Approved 4-0.

Phil Corvo motioned to approve a Memorandum of Understanding to have the Township Finance Department provide financial services for WGSA, seconded by Dan Tierney. Approved 4-0.

Ted Murphy motioned to adjust the Resolution Change Order, 2014-2017 for PennDOT project agreement, 1 manhole on RT 202, seconded by Dan Tierney. Approved 4-0.

Dan Tierney motioned to a new construction agreement for Reserve @ West Goshen, seconded by Shaun Walsh. Approved 4-0.

Dan Tierney motioned to make \$5,000 a standard deposit for any developer projects, seconded by Phil Corvo. Approved 4-0.

ADMINISTRATIVE EXPENSES:

PAYEE	PURPOSE	AMOUNT
Unruh	General Representation	\$ 2,2897.45
HRG	Engineers Report, Authority Meetings, PennDOT Resurfacing Project Assist. Westtown Way PS	1,641.36 361.00

ATTORNEY DEVELOPERS:

PAYEE	PURPOSE	AMOUNT
Unruh, Turner, Burke & Frees	The Abours at West Goshen Phase 2 – Plan Review. Zarelli Subdivision. Reserve @ West Goshen	\$ 1,220.00 900.00 680.00

TAPPING FEE FUND:

REQUISITION #	PAYEE	PURPOSE	AMOUNT
1727	Suburban Testing Labs	Analytical Testing for WWTP Solids Study	\$ 774.50
1730	Unruh, Turner, Burke & Frees	TMDL Collection System Generator	\$ 620.00 100.00 160.00

1728	L/B Water	Equipment for Sampling/WWTP Solids Study	\$ 1,560.11
1729	HRG	2016 Repairs to Sanitary Sewer System	\$ 1,624.50
		Replacement of WWTP Emergency Generator	26,169.00
		Primary Clarifier No. 3 Project	2,700.86
		WWTP Solids Study	1,279.44
		Headworks Improvement Project	5,095.00
		WWTP Process Model-TP Reduction Evaluation Report	15,060.50

Dan Tierney stated that a Contractor took a strip of his property while working on a main, when the project was complete his property was not repaired. Amanda stated that residents should submit complaints. Mike Moffa does have complaint forms for any issues.

There being no further business, on a motion by Dan Tierney seconded by Phil Corvo, the meeting was adjourned at 9:50 PM.

Respectfully submitted,

Lisa Covatta, Recording Secretary