

WEST GOSHEN SEWER AUTHORITY
REGULAR MEETING
April 6, 2016

The regular meeting of the West Goshen Sewer Authority was held on Wednesday, April 6, 2016 at the West Goshen Township Administration Building. Those present were:

Authority

Dave Johnson
Ron Rothrock
Dan Tierney
Phil Corvo
Theodore Murphy

Unruh, Turner

Ross Unruh

Administration

Casey LaLonde
Dave Woodward
Mike Moffa

Glance Associates, Inc.

Max Stoner

The regular meeting of the Authority was called to order at 7:36 P.M. by Chairman Dave Johnson.

Ed McAssey and Phil Mayer from East Goshen were in attendance. Josh Fox from HRG, Inc. was in attendance.

Dave Johnson, motioned to appoint Lisa Covatta as Recording Secretary, seconded by Ted Murphy, motion approved.

Phil Corvo motioned to approve the March 2, 2016 meeting minutes, seconded by Ted Murphy motion approved.

Mike Moffa gave the Wastewater Superintendent report.

Ross Unruh presented the Solicitor's Report for the month. The judge agreed to put the case in civil suspense and signed the order on 1/6/14. At this point all technical details for testing are being handled by Dan Smith, Max Stoner and Mike Moffa in conjunction with EPA and DEP. DEP conducted monitoring/testing the stream and collecting data in three locations from 11/13 until 11/14. The 3rd report was sent/filed to EPA and River Keepers on 7/6/15. Authorities submission to the EPA was sent on 10/30/15 for the TMDL. The update to the EPA was sent 1/6/16. There will be a conference call 3/4/16 with Dan Smith, Ross, Max and Mike Moffa. On 4/10/16 a meeting was held with the EPA, Ross Unruh, Mike Moffa, Dave Woodward, John Scott and Max Stoner were in attendance. Steve Miano prepared and sent out responses to questions EPA raised.

Max Stoner gave the Engineers report dated April 6, 2016: (See report for details)

1. Current Items

a) Goose Creek Stream Study/TMDL Permit Issues

The TMDL issues are continuing on. Sampling is being done by the plant staff. Conference call 3/18/15 with new EPA representative. Algae testing done 4/17/15. Received raw data from testing DEP conducted. GHD is conducting a stream walk and habitat survey.

b) Capital Expenditure Schedule

Have reviewed the report from HRG and a summary of initial review was done. Meeting was held on 4/6 at the plant with STP staff, Josh Fox and Max

c) Methane Gas Burner

GEM Mechanical installed the boiler. There is oil leaking from the new boiler, as well as the valve being propped up with 2x4's. Repairs have been made by GEM Mechanical.

d) Structural Review of STP Buildings & Tanks

Primary Clarifier #3, Max inspected this after the STP drained it. The interior walls are in good shape but will need to be recoated. There are two pieces of the mechanism that need to be replaced but will be separate from the concrete work. The steel bridge and steps will also be replaced.

e) Secondary Digester Cover – a budget proposal was received from the manufacturer's rep for the Dystor cover, it was \$500,000 for the supplier to install or \$300,000 for the material plus a contractor installation cost. HRG report suggested switchover to aerobic digestion process, this should be evaluated in further detail.

f) Operations Building Roof Replacement A manufacturer's rep from Firestone visited the site in mid-November to provide recommendations to replace the existing roof. Should be done regardless of the type of digestion process selected.

g) Sludge Dewatering Project Two budgetary prices were received in January. A manufacture rep for GEA Westphalia wants to run a "no cost" pilot demo for their centrifuge in mid-June, Mike Moffa is coordinating the details.

h) Emergency Generator & Storage Tanks at WWTP

A firm was called in to test the storage tanks on-site and to recommend what steps should be taken to upgrade the facilities to today's standards. The tank is not leaking and can either be abandoned or removed. The emergency generator was recently serviced and was placed in full load, found to be in good operating condition and parts are still available. HRG is working on designs for two 500kw generators.

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

Sketch layout and budget pricing was prepared. Due to bald eagle nests in the area, there cannot be any construction from January 1 through July 31.

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)

Dave Johnson motioned to approve the final check to Gem Mechanical, seconded by Ted Murphy, motion approved.

Ron Rothrock motioned to advertise the bid for Clarifier #3, seconded by Ted Murphy, motion approved. Bid will be advertised in two weeks, bid opening in mid-May and bid winner will be announced at the June meeting.

The following invoices were moved for approval by Ron Rothrock, seconded by Dave Johnson and unanimously approved:

ADMINISTRATIVE EXPENSES:

| PAYEE | PURPOSE | AMOUNT |
|---|------------------------|---------------|
| Unruh | General Representation | \$ 5322.91 |
| Glance Assoc. | Quarterly Fee | \$ 250.00 |
| F. Frederick Breuninger & Son Insurance, Inc. | Treasurer Bond | \$ 268.75 |

DEVELOPER ACCOUNTS:

| PAYEE | DEVELOPER | AMOUNT |
|---------------------------------|-----------------------|---------------|
| Unruh, Turner, Burke & Frees | Arbors Square | \$ 100.00 |
| | Goshen Leisure | 40.00 |
| | Lincoln Park | 40.00 |
| | Reserve @ West Goshen | 100.00 |

On a motion by Ron Rothrock and seconded by Dave Johnson, the following requisitions were approved for payment.

TAPPING FEE FUND:

| REQUISITION # | PAYEE | PURPOSE | AMOUNT |
|----------------------|---------------------------------|---|---|
| 1707 | Glace & Associates | TMDL Upgrade Dewatering Facil. P.S. #10 - Woodcrest Coordinate w/ Township Upgrade Authority Drawings Structural Repairs of Tanks @ STP Replacement of Digester Burner | \$ 2,533.44 2,044.00 1,738.92 1,337.25 3,916.60 4,091.55 202.50 |
| 1708 | Unruh, Turner, Burke & Frees | TMDL | \$ 4,000.00 |
| 1706 | Hangley | TMDL | \$ 9,566.90 |
| 1705 | West Goshen Township | Reimbursement of Manhole Replacement | \$ 2,566.46 |

Ron Rothrock motioned for HRG to continue the design for two new generators @ 500 KW's each with automatic transfer switch and supervisory control panel, seconded by Ted Murphy, motion approved.

Ted Murphy motioned to continue having HRG and Max Stoner work on the preliminary design for the Grit System, seconded by Ron Rothrock, motion approved.

Ron Rothrock motioned that 11 manholes and 7 lining designs to be ready for bid before the next meeting, bid to be awarded in June, seconded by Ted Murphy, motion approved.

Josh Fox from HRG described the current grit system and proposed changes. A diagram was shown.

Ron Rothrock stated that the Township hired HRG to evaluate the Sewer Plant without the Authorities knowledge.

Ron Rothrock asked Mike Moffa how long it will take to complete the inspection of the collection system, Mike answered approximately five to seven years.

Tom Casey asked Josh Fox if the grit system could be repaired for \$50,000, Josh's response was no.

Questions that were posed to the Authority by the audience:

- Q) If the Grit System is not working efficiently how does it pass inspections?
- A) The Grit System does not affect the out flow.
- Q) Is the sewer bill going to be raised and if so who does the calculations?
- A) The question is for the Township, they are responsible for billing (no response on who does the calculations).
- Q) How was HRG chosen?
- A) They are working with the Township on the Storm Water Project.
- Q) If the Authority has the money why haven't repairs been made?
- A) The Authority has been waiting for the EPA and the implementation of the TMDL (Total Maximum Daily Load) to what the cost would be.

FULTON FINANCIAL BALANCES (as of February 29, 2016)
Total all accounts - \$ 6,287,678.61

There being no further business, on a motion by Dave Johnson seconded by Ron Rothrock, the meeting was adjourned at 9:45 p.m.

Respectfully submitted,

Lisa Covatta, Recording Secretary