

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
May 9, 2016**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, May 9, 2016 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Jack Yahraes, Ed McAssey, and Phil Mayer. Also in attendance were: Rick Smith (Township Manager), Mike Ellis (Pennoni), and Jessica Wiesak (Attorney).

COMMON ACRONYMS:

BFES – Big Fish Environmental Services

BOS – Board of Supervisors

CB – Conservancy Board

DEP – Department of Environmental Protection

EPA – Environmental protection Agency

HC – Historical Commission

I&I – Inflow & Infiltration

LCSTP – Lockwood Chase Sewer Treatment Plant

MA- Municipal Authority

NPDES – National Pollutant Discharge Elimination System

PC – Planning Commission

PM – Prevention Maintenance

PR – Park & Recreation Board

RCSTP – Ridley Creek Sewer Treatment Plant

SBR – Sequencing Batch Reactor

SSO – Sanitary System Overflow

WAS – Waste Activated Sludge

Call to Order & Pledge of Allegiance

Dana called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember the troops and all veterans. Dana asked if anyone would be recording the meeting. There was no response.

CHAIRMAN’S/MEMBERS REPORTS

1. Jack attended the West Goshen Sewer Authority meeting. They need to rebuild a station near the reservoir, there are 3 eagle’s nests near the generators, and out of the 3 pumps at the Westtown pump station only 1 is working.

Sewer Reports

1. Director of Public Works, Mark Miller provided the following report for April:

Monthly Flows: The average daily flow to West Goshen was 895,493 gallons per day.

Meters: The meters were read on a daily basis. We had a problem at the Wilson Drive meter when the modem failed.

Chester Creek Pump: The pumping stations were visited on a routine basis with no problems to report.

Hunt Country Pump: It was visited on a daily basis.

C.C. Collection: The pumping stations were visited on a daily basis with no problems to report. We did make several sewer lateral repairs (10) ranging from missing caps to actual lateral repairs.

While doing a paving inspection at Summit House I found that all of their sewer vents had open grate caps throughout the complex. All of the vent pipes were excavated, mushroom caps were installed and a cast iron valve box was placed over the vent pipe, 26 were repaired.

R.C. Collection – Pump Station was visited on a daily basis. We are still cleaning the wet well due to extensive grease. The new rail system has arrived as well as the new flutes for the grinder pumps. Once the materials arrive we will have MGK start the work.

R.C. Plant: We pulled the 3rd lift station pump for maintenance.

The pipeliner pump for the Centerfuge was pulled and sent out to Deckman for repairs. John Laidley installed the new level transducer on the #1 sludge tank. A.C.S. has to come in and set up the levels in the program.

Alarms: We responded to 16 alarms for April.

PA One Calls: We received 46 PA One calls for April.

2. Pennoni Engineer's Report

Mike Ellis provided the following report:

Invoices: Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP):

The NPDES Permit expires on February 28, 2017. The permit renewal application is due to PADEP by September 1, 2016. We have begun preparation of the application.

Reservoir Rd Pump Station:

We are still awaiting PADEP response for the Chester Creek Small Projects Joint Permit for the pump station site and Chester Creek utility crossing.

The PennDOT Highway Occupancy Permit application for force main construction along and across E. Strasburg Road and Rt. 352 was revised and resubmitted to address PennDOT's comments. PennDOT subsequently issued the permit on April 29, 2016.

We are in the process of revising the NPDES Permit application and plan to address comments from the Chester County Conservation District (CCCD). We expect to resubmit to the CCCD the week of May 16-20.

The Water Quality Management Permit application was submitted to PADEP on April 13, 2016. PADEP has 120 calendar days to perform their review.

A complete bid document will be provided once the 3 remaining permits are issued.

RCSTP and Pump Stations' O&M Plan

Limited activity since the last report.

White Chimneys Manhole Replacement

We attended a field meeting with Township staff on April 28 to evaluate alternatives for replacing vs. rehabilitating the Ashbridge Pump Station force main discharge manhole (MH C-226).

We performed an existing conditions and topographic field survey. We are currently preparing a plan of the proposed manhole replacement for use during construction by the PW Department.

Semi-Annual I&I Reports

We have begun analysis of data from four portable meters from March-April 2016. We intend to submit an analysis summary via email by May 13 and follow-up with a formal semi-annual report by June 30 pending receipt of additional meter data.

3. Big Fish Environmental Services – Scott's report showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during March 2016. Discharge to Applebrook was discontinued during March. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. The sludge grinder was removed and sent to Deckman Electric for replacement of the head and shear plate assembly. No mechanical or operational issues were observed regarding the centrifuge sludge dewatering equipment.

During April, there was one storm event resulting in a daily precipitation amount equal to or greater than 0.4 inches measured during a 24 hour period. A total of 2.98 inches of rainfall were measured during the month. This event occurred on April 7th, 0.48 inches. Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitation for Outfall 001.

Minor repairs and preventative maintenance were:

April 16, 2016: Removed sludge grinder for rebuild at Deckman Electric.

April 27-30, 2016: Initiated replacement of the quartz sleeves, UV lamps, lamp O-rings and wiper O-rings and quartz sleeve O-rings for bank #1.

Approval of Minutes

Jack moved to accept the minutes of April 11, 2016 as corrected. Phil seconded the motion. The motion passed unanimously.

Approval of Invoices

1. Ed moved to approve payment of the Gawthrop Invoice #144090 for \$540.00. Phil seconded the motion. The motion passed unanimously.

2. Phil moved to approve payment of the following Pennoni invoices:

- | | | |
|----|-----------------|-------------|
| a. | Pennoni #687506 | \$ 6,629.75 |
| b. | Pennoni #687507 | \$ 323.00 |
| c. | Pennoni #687508 | \$ 782.50 |
| d. | Pennoni #687509 | \$ 2,579.25 |
| e. | Pennoni #687510 | \$ 657.50 |

Ed seconded the motion. The motion passed unanimously.

Liaison Reports

Board of Supervisors – Carmen reported that Hibberd Lane will be closed to traffic until the East Boot Road bridge repair is done. On Wed. May 25, 2016 at 9:30 am the BOS will hold their Long Range Budget Planning meeting.

Financial Reports

Jon Altshul provided the following written report:

In April, the Municipal Authority recorded \$106 in revenues (interest) and \$20,055 in expenses, (including \$7,500 for auditing expenses, \$6,492 for general engineering services, and \$5,523 for Reservoir Road Pump Station engineering), for a negative variance of \$19,949. As of April 30th, the fund balance was \$1,429,231 of which \$1,388,525 is in the main construction account.

Goals

1. Goals for 2016 were discussed. Jack mentioned that the electronic file with the Municipal Authority's articles has been lost, so nothing was put in the latest newsletter. Mike gave Jack the information for an article which Jack will give to Jon Altshul.

2. The agreement with West Goshen Municipal Authority was discussed regarding improvements vs maintenance. Patrick and Jessica will check it.

New Business

1. Manhole Linings – Mike reported that Mark Miller, Matt and Steve went to Lancaster to inspect manholes with linings that were only 4 years old. The manholes were in very bad condition. Two weeks ago Abel Recon met to inspect the township's manholes. They have provided a proposal for 19 – 4' diameter manholes which equals 188 vertical feet. The cost is \$70,160.00 which equals \$373.20/VF. This is to line the entire structures. Bypass pumping will be needed for 2 manholes. They will also need access to get equipment down a few driveways. Abel Recon is the only contractor in the area approved by the manufacturer to install this. CoStars is a cooperative program run by the state. They will probably start mid to late June. Jessica feels it is a standard proposal. Jack moved to accept the proposal from Abel Recon based on the Township engineer's recommendation. Phil seconded the motion. The motion passed unanimously.
2. Ashbridge – Mike reported that a 6" force main runs through a manhole into the sewer. The manhole is in bad shape. They looked at alternatives and surveyed last week. They are proposing to demolish the existing manhole and piping, and install a new manhole downstream between 2 houses with larger pipes. They will have to shut down the Ashbridge pump station for a few hours. This will be within the Township easement. Public Works Department can do this work.
3. Project Budgets – Some projects are over budget and some are under budget. After discussion the following motions were made:
 - a. Ed moved to increase the budget for EGMA 1504 Reservoir Road Pump Station up to \$5,000.00. Jack seconded the motion. The motion passed unanimously.
 - b. Phil moved to increase the budget for EGMA 1604 White Chimneys & Cornwallis Dr. Manhole Lining up to \$5,000.00. Ed seconded the motion. The motion passed.
 - c. Ed moved to increase the budget for EGMA 1605 White Chimneys Manhole Replacement up to \$8,000.00. Jack seconded the motion. The motion passed.
 - d. Phil moved to increase the budget for EGMA 1606 RCSTP NPDES Permit Renewal Application up to \$4,500.00. Ed seconded the motion. The motion passed.

Capacity Requests

1. 1420 E. Strasburg Road – The developer is Jim Brandolini. They will keep the existing house and build 2 new houses. They are requesting a total of 3 EDUs which equals 634.5 gpd. Jack moved to approve the request from Commonwealth Engineers Inc. for 3 EDUs at 1402 E. Strasburg Road. Ed seconded the motion. The motion passed.

Any Other Matter

1. Lockwood Pump Station – Rick mentioned that the HOA has been contacted about the fence. A final walk will be done with the HOA.

Adjournment

There being no further business, Phil moved to adjourn the meeting. Ed seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:35 pm. The next meeting will be held on Monday, June 13, 2016 at 7:00 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary