

## **WESTCHESTER JOINT WATER WORKS**

### **Board of Trustees Meeting Tuesday, April 12, 2016 at 4:00 p.m.**

The meeting was called to order at 4:00 p.m. with the following members present:

#### **Present:**

- Trustees Ron Belmont, Norman Rosenblum and Nancy Seligson
- Paul Noto, Esq., Counsel
- David Birdsall, Business Manager

#### **Absent:**

- Anthony Conetta, Manager

#### **Approval of Minutes**

Trustee Seligson made a motion to accept the minutes for the March 22, 2016 Board meeting. Trustee Rosenblum seconded the motion, all in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"

#### **Financial Reports and Approvals**

The Business Director reviewed with the Board the current bank balances and claims to be approved. After review, Trustee Rosenblum made a motion to approve the 125 claims & 113 checks in the amount of \$1,031,502. Trustee Belmont seconded the motion, all in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"

The Business Director discussed the status of the operating budget, capital projects and general administration with the Board.

The Business Director presented the following items to the Board members for approval:

- New chlorinators at Rye Lake (A-1321) – need to increase the total capital project cost from \$600,000 to \$650,000 due to additional scope of work that is needed. Trustee Rosenblum made a motion to increase this authorization to \$650,000. Trustee Seligson seconded the motion, all in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"
- Rye Lake boom turbidity curtain removal and replacement (A-1320) - need to increase the total project cost from \$700,000 to \$900,000 due to updated scope of work. Trustee Rosenblum made a motion to increase this authorization to \$900,000. Trustee Belmont seconded the motion, all in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"

- 2015 Capital Fund disbursements to the three member municipalities. Trustee Seligson made a motion to approve the Capital Fund disbursements for the Village of Mamaroneck-\$9,113; Town of Mamaroneck-\$6,003 and Town of Harrison-\$12,742. Trustee Belmont seconded the motion, all in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"

The Business Director reviewed the status of overdue customer accounts that are currently more than 60 days past due.

### **Operations Status Reports**

The Business Director reported on the following WJWW operational items:

- a. The year-to-date water production through the end of February 2016 was 0.63 billion gallons compared to 0.62 billion gallons through the end of February 2015 indicating a year-to-date increase water use of 0.01 billion gallons or 1.6% more than 2015.
  - Rye Lake water consumption **decreased** by 3% compared to the same period in 2015.
  - As a point of reference, on a full year basis, 2015 Rye Lake water consumption **decreased** by 5% versus 2014.

#### **b. Water Main Repairs and Facilities Improvements:**

- VOM & Greenhaven
  - Work was delayed on Pirates Cove and Greacen Point asbestos water main replacement due to issues with the easement.
  - Replaced service connection at 619 First St.
  - Local Capital project for the replacement of 250 feet of asbestos water main, install control valves and restore the roadway on Orchard St – estimated cost of \$125,000. Trustee Rosenblum made a motion to approve the local Capital project for the Village of Mamaroneck. Trustee Seligson seconded the motion. All in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"

- Awaiting WCDOH approval to proceed with project.
- SITES Remediation submitted a proposal for engineering design and associated construction services for the replacement of 250 feet of asbestos water main on Orchard St. Trustee Rosenblum made a motion to approve the proposal for a not-to-exceed fee of \$13,675. Trustee Belmont seconded the motion, all in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"

TOM

- Replacement valves and replacement of an existing fire hydrant in preparation for service connection replacements at the following locations (Prior to the TOM Paving project):

- ◆ 36 Howell Ave.
- ◆ 44 Howell Ave.
- ◆ 65 Howell Ave.
- ◆ 66 Howell Ave.
- ◆ 12 Hawthorn Rd.
- ◆ 4 Carleon Ave.
- ◆ 32 Carleon Ave.
- ◆ 49 Carleon Ave.
- ◆ 56 Carleon Ave.
- ◆ 69 Carleon Ave.
- ◆ 100 Carleon Ave.
- ◆ 116 Carleon Ave.

- TOH

- Repaired curb box at 40 Park Dr. N.
- Repaired curb box at 254 Columbus Ave.
- Repaired 4" water main break at 68 Park Ave.
- Repaired curb box at Brae Burn Dr.
- Replaced service connection at 361 Columbus Ave.
- Removed Pepsi's old service line on Lincoln Ave.
- Installed Fire Hydrant on Westchester Ave at Congregation Emanuel.

c. Storage Tank Rehabilitation/Repairs:

- Woodside Tank:

- The containment around the tank was replaced due to damage from high winds earlier in April. Sandblasting is expected to begin in mid-April. It should take approximately 10 days to sandblast and paint the exterior of the tank (weather permitting). Contractor is awaiting air quality results.

- Winged Foot tank discharge altitude valve/lines have experienced some freezing due to the cold weather. A temporary heater is being used. The permanent heating enclosure has been delivered and will be installed shortly.
- Woodside Zone Old Lake St. PRV – controls are being fine-tuned.
- WJWW Outline of Requirements for Subdivisions & Public Water System Improvements – A Guide for Developers & Engineers. The Board members requested that the approval be deferred until the outline is reviewed by the member municipalities in-house engineering/building department staff. WJWW forwarded the requirements to the member municipalities. WJWW will follow-up with municipalities for review/comments.

d. Meter Reading and Billing Status:

- Meter reading for TOH (7,000 +/-) began, on a limited basis, during the first week in April. Reading was delayed due to hydrant flushing.
- Billing for TOH (7,000 +/-) is expected to be completed by late-April.
- Meter replacement plan Phase I in the Town of Mamaroneck has begun. Since February 23<sup>rd</sup>, 39 meters have been replaced in TOM, 44 in the VOM and 25 in the TOH.
- WJWW service workers are continuing to work on resolving problem reads/bills and the overall problems are being resolved.
- WJWW's Backflow Prevention Program:
  - Current estimated properties not in compliance is roughly 5,500 +/- of which 80% are residential irrigation and 20% are commercial/institutional.
  - Letters and questionnaires were mailed out to approximately 436 customers of commercial/institutional properties regarding backflow prevention status.
  - Prioritizing commercial/institutional properties based on their degree of hazard.
  - 140 commercial/institutional property responses have been received (32% response rate).
  - Letters were mailed to 1,200 +/- residential customers (TOM & VOM) that have water use indicative of having an irrigation system.
  - 679 residential property responses have been received (57% response rate) with 596 or 88% of the responses indicating an irrigation system.
  - WJWW is using a phased approach to backflow prevention follow-up. Letters will go out to approximately 1,300 residential customers in the TOH during the next month.

e. Improvements to Pump Stations:

- Emergency standby generators at Rye Lake Pump Station:
  - Building permit applications are in process of being filed. Ordering of equipment, site prep and installation work is pending.
  - Awaiting NYCDEP communication to NYSDOH.
  - Hazen & Sawyer submitted a proposal for engineering related construction services for the Rye Lake Pump Station chlorinator improvements. After review, Trustee Seligson made a motion to approve the proposal for a total fee of \$84,400. Trustee Rosenblum seconded the motion, all in favor:

Trustee Belmont	"aye"
Trustee Rosenblum	"aye"
Trustee Seligson	"aye"
  - WCDOH has returned their first round of comments and Hazen & Sawyer is currently revising and resubmitting the engineering plans for the new gas chlorinators for the Rye Lake Pump Station.
- Emergency Back Up Mobile Chlorinator:
  - Engineering work by D&B is nearing completion and soon will be submitted to WCDOH for review and approval.

- Park Lane Booster Pump Station:
  - Engineering is nearing completion, to be followed by discussions/meeting with the Town of North Castle.
  - Park Lane Booster Station Joint Capital Project: revised project total estimated cost is \$700,000
  - City of White Plains: Potential four (4) emergency interconnections with the City of White Plains have been identified and as a result of a meeting on March 2<sup>nd</sup> and the City interest in establishing one or more of 4 emergency interconnections with the existing system and potentially a 5<sup>th</sup> related to the future Shaft 20 project. Site visits are being planned and details will be worked out by both sides.
- Purchase Booster Station caustic bulk storage clean out was completed on March 1<sup>st</sup> and 2<sup>nd</sup>. WJWW is reviewing results of inspection.
  - D&B has submitted a proposal for chemical bulk storage and injection system modification. After review, Trustee Seligson made a motion to approve the proposal for a not-to-exceed cost of \$32,600. Trustee Belmont seconded the motion, all in favor:

Trustee Belmont	“aye”
Trustee Rosenblum	“aye”
Trustee Seligson	“aye”
- Upgrade of Park Lane Booster Pumps:
  - Plans and specifications permit package has been submitted to WCDOH.
  - A meeting was held on March 22<sup>nd</sup> between WJWW and Town of North Castle to discuss technical details. Town of North Castle has requested additional information to assess their participation in this project.
  - There are uncertainties related to BOCES and the number of homes in North Castle that would connect and the possible future development in that area.

f. WJWW's Seasonal Hydrant Flushing:

- Spring 2016 hydrant flushing was completed this morning, April 12<sup>th</sup>.

**UV Alternative Status to Rye Lake Source**

a. Maximize Use of Shaft 22 UV Treated Water:

- Minimal use of Rye Lake continues to be down with the non-irrigation season use of Rye Lake water in the range of 25-30% of total water being used.
- Kenilworth Pump Station Upgrade:
  - TOH Building Dept. applications (Land Development and Building) are nearing completion.
  - WCDOH comments are being addressed by H2M so that final approval is received and bidding can begin so that operation is possible during Winter 2016-2017.
  - H2M is working on the structural modifications to the existing Kenilworth Booster Station.
  - Bidding for the pre-fab pump station is expected to begin early-to-mid May subject to WCDOH approval.
  - The piping replacement work began April 11<sup>th</sup>. Some customers might experience intermittent low pressure during the next 3 weeks. WJWW will be monitoring the pressure at various strategically selected hydrants while this work is being done.
  - The cost of this project will need to be modified.

- New 16" Water Transmission Line (Mamaroneck Ave. to Macy Rd):
    - Surveying done and drilling field work will begin in 1-2 weeks.
    - Preparing plans and profiles that reflect survey work also preparing first cut of traffic maintenance plan.
    - Current schedule for submittal permit/application package to NYSDOH is early-to-mid June 2016.
    - Current target to start construction is late 2016 and end late 2017.
    - Need to review project details as they relate to the Settlement Agreement with NYSDOH.
  - Weaver Street Pump Station Upgrade:
    - D&B is proceeding with detailed engineering analysis and design.
- b. Protection of Rye Lake Intake/Boom System:
- Interim system is in place and H&S engineering work related to long-term solution is underway.
- c. Village of Larchmont (VOL) Coordination:
- WJWW has not yet received a response to WJWW's request for a meeting to discuss future projects and Larchmont's share of the associated costs. Trustee Seligson will contact VOL and follow-up with the Board.
  - Village of Larchmont Water and % Share of WJWW's Total:
    - Will need to look into potential sites upstream in New Rochelle, Eastchester and Yonkers in case NYC decides to stop chlorination of Shaft 22 water.
    - WJWW has again expressed concern to NYCDEP that continued back feeding by WCWD#1 when irrigation begins may cause problems within the 30 inch transmission line if it becomes air bound and/or experiences low pressure possibly leading to violations in WJWW's system near the City of New Rochelle.
    - Upgrade work requires additional modeling in support of WCDOH's comments on Kenilworth application.
- d. Coordination with Town of Greenburgh and Suez/United Water:
- WJWW and Town met on March 9<sup>th</sup> to discuss the need for coordinating and exchanging information regarding potential site for a Shaft 20 pump station and possibilities relative to joint/shared facilities.
  - WJWW and Suez/United Water met on March 17<sup>th</sup>:
    - Discussed WJWW's Dec. '14 UV alternative plan projects involving Shaft 20 pump station, 7-mile pipeline and associated cost estimates.
    - Discussed whether or not a filter plant can be built in the existing building at Rye Lake.
    - Discussed 4 interim projects to maximize the use of Shaft 22 UV treated water.
    - Discussed the increased water use by Village of Larchmont.
    - Suez/United Water indicated they are developing a concept plan that would address the water needs and issues of a number of municipalities.

e. NYS DOH Interactions:

- Contact and discussion with the NYSDOH regarding WJWW have begun.
  - A draft Settlement Agreement/Stipulation has been received from NYSDOH and is currently under review.
  - More discussions/negotiations are expected.
- WJWW has raised concerns again on the possible adverse impacts on WJWW's system if WCWD#1 continues to back feed from Shaft 22 during the irrigation season.
  - A meeting with all parties is being scheduled by NYCDEP.
  - WJWW's consultant has prepared and NYCDEP, WCDOH, WCWD#1 and NYSDOH have all received the technical memo indicating the need for caution.

**Date of Next Meeting**

The next Board meeting is scheduled for Tuesday, April 26, 2016 at 4:00 p.m.

With no further business to discuss, Trustee Rosenblum made a motion to adjourn the meeting. Trustee Belmont seconded the motion, all in favor: "aye". The meeting adjourned at 5:00 p.m.