

WESTCHESTER JOINT WATER WORKS
Board of Trustees Meeting
Tuesday, December 17, 2019 at 4:00 p.m.
-As Amended-

The meeting was called to order at 4:12 p.m. with the following members present:

Present:

- Trustees: Nancy Seligson, Tom Murphy
- Paul Kutzy, Manager
- David Birdsall, Business Director
- Terrence O'Neill, General Superintendent
- Lori Lee Dickson, General Counsel

Approval of Minutes

Trustee Murphy made a motion to approve the minutes of the November 26, 2019 Board Meeting.
Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

Financial Reports and Approvals

The Business Director reviewed bank balances and presented claims to the Board highlighting significant items, among them: the fourth installment of WJWW's 2018 income distribution to its member municipalities; annual premium payment to PERMA (workers compensation insurance); progress payments for the Kenilworth tank project and Barrymore Lane transite water main replacement; repairs of distribution system infrastructure (control valves, service connections, etc).

Approval of Claims: Trustee Murphy made a motion to approve 192 claims totaling \$2,434,579.
Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

General Administration:

- Proposed Rye Lake Filtration Facility – The United States Environmental Protection Agency (USEPA) has required WJWW to construct a filtration plant at Rye Lake and representatives of Hazen and Sawyer Engineers addressed the Board with respect to the scope and associated costs of this project.

The presentation, given by Eileen Feldman, Associate Vice President and Rich Peters, Vice President and Northeast Regional Manager, focused on Dissolved Air Flotation Filtration (DAFF) process, site evaluation, conceptual footprint, cost breakdowns and the project schedule. DAFF is the preferred treatment option based on many factors including: compact footprint of required infrastructure for this type of treatment as well as lower operational and construction costs. This

technology is also a proven and effective process which offers additional benefits such as enhanced coagulation and the ability to reduce haloacetic acid levels in drinking water. The Westchester County Department of Health (WCDOH) approves of this methodology and it is a treatment option used throughout the Northeast as well as in several locations in Westchester County.

The site, on Westchester County property adjacent to the Westchester County Airport, has been preliminarily evaluated and appears to be the ideal site in regards to being able to accommodate the footprint of this proposed facility, proximity to existing WJWW infrastructure, and access to the facility from an existing airport accessory road which will help keep tree removal to a minimum. Phase 1 fieldwork done by Hazen and Sawyer, including all preliminary geotechnical, wetland and natural resource testing and historical and archaeological investigations have been favorable for this site. Permits and approvals from numerous agencies, both “Involved and Interested” parties, will be required as the project moves forward including, but not limited to, USEPA, NYS Dept of Environmental Conservation, WCDOH, Federal Aviation Administration and the Town of Harrison, to name a few.

The Hazen and Sawyer team estimates a total project cost of \$108 million dollars (inclusive of engineering, inspection and construction costs). Their experience with constructing a comparable 30 mgd DAFF plant in Stamford, Connecticut; a NYCDEP Croton Reservoir DAFF plant as well as other local projects helped to provide a baseline for component costs. Design through construction is anticipated to be 4½ years.

The Manager reported that a presentation to the Westchester County Board of Legislators Environment, Health and Energy Committee meeting on December 10th relating to the proposed Rye Lake Filtration Facility meeting went well. The Manager, Supervisor/Trustee Seligson and representatives of Hazen and Sawyer Engineers reviewed the USEPA directive to build a filtration plant and steps WJWW is taking to comply with this directive. The Legislators were engaged, interested and asked many questions. At the close of meeting they offered their support and assistance, within their capacity, as the process moves forward.

- The 2020 Base Budget and 5-Year Joint Capital Improvement Plan approvals have been deferred to the January 2020 meetings.
- 2020 Retail Water Rates – discussion deferred until January meetings.
- 2020 Wholesale Water Rates – discussion deferred until January meetings.

Manager's Report

No Manager's Report needed at this time.

New Business

- Rye Lake Filtration Facility: A joint capital project (A-1364) to construct a 30-mgd Dissolved Air Flotation/Filtration (DAFF) Facility for WJWW Rye Lake Supply, as required by a directive from the USEPA, was discussed. A site on Westchester County owned property adjacent to Westchester County Airport is being considered for the treatment facility and is expected to be completed in 4 ½ years. Approval of a joint capital project (A-1364) to construct a 30-mgd Dissolved Air Flotation/Filtration (DAFF) Facility for WJWW Rye Lake Supply. Trustee Murphy made a motion to

approve the project in the estimated amount of \$108,000,000 (inclusive of all engineering, inspection and construction costs). Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

- A proposal was submitted by Hazen and Sawyer for approval to prepare a Basis of Design Report (BODR) and initiate the State Environmental Quality Review Act (SEQRA) procedures for a 30-mgd Dissolved Air Flotation/ Filtration (DAFF) Facility for WJWW Rye Lake Supply on Westchester County owned property adjacent to Westchester County Airport. A draft BODR from Hazen and Sawyer for engineering services to construct the filtration plant is expected in three months’ time. The commencement of the BODR initiates the required SEQR process and establishes lead agency status, a position that WJWW intends on declaring. Trustee Murphy made a motion to approve the Hazen and Sawyer proposal for the preparation of a BODR and the initiation of the SEQR process in a not-to-exceed amount of \$658,700. Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

- Approval for an amendment to the site investigation services rendered by Hazen and Sawyer related to the Rye Lake Filtration Facility is requested. Trustee Murphy made a motion to approve the amendment the amount of \$39,859.63. Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

- Distribution system modifications at the Rye Lake UV Facility in preparation for maintenance tasks scheduled for January, was discussed. Three large valves will be installed and a section of piping will be replaced during the planned temporary shutdown of the Rye Lake plant. The backup capabilities of the Kenilworth tank make this important maintenance possible. Municipalities were previously notified of this project as part of the 5-Year Joint Project Capital Improvement Plan. Trustee Murphy made a motion to approve the project in the amount of \$500,000. Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

- The Business Director presented to the Board a listing of delinquent customer accounts in the Town of Mamaroneck for review. Approval for the transfer of water arrears to the Town of Mamaroneck tax levy at a cost of \$43,538.52 is requested. Trustee Murphy made a motion to approve \$43,538.52 for the tax levy transfer. Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

- The Business Director reviewed 2020 Water Treatment Chemicals Bid results:

Bid Item: 3" Calcium Hypochlorite Tablets (Accutabs)

Rank	Bidder	Bid
1	Coyne Chemical	\$2.8331 per pound

Bid Item: Liquid Chlorine

Rank	Bidder	Bid
1	JCI Jones Chemical	\$1.00 per pound

Bid Item: 50% Caustic Solution (Sodium Hydroxide)

Rank	Bidder	Bid
1	JCI Jones Chemical	\$1.75 per gallon
2	Kuehne Chemical Co., Inc.	\$2.2364 per gallon

Bid Item: Blended Orthophosphate

Rank	Bidder	Bid
1	Carus Corp	\$1.27 per pound
2	Shannon Chemical	\$1.384 per pound
3	Coyne Chemical	\$1.4289 per pound

Trustee Murphy made a motion to approve the Water Treatment Chemical Bid results as presented, awarding the bid to the lowest bidder (Rank 1) for each bid item. Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	not present
Trustee Murphy	"aye"

- The Business Director reviewed 2020 Paving and Fill Materials Bid results:

Bid Item: Hot Mix Binder Blacktop

Rank	Bidder	Bid
	No Bids	

Bid Item: Concrete Mix

Rank	Bidder	Bid
	No Bids	

Bid Item: High Performance Cold Patch

Rank	Bidder	Bid
	No Bids	

Bid Item: Virgin Item 4 (Bluestone) – Delivered to WJWW

Rank	Bidder	Bid
1	Concrete Express	\$27.00 per ton
2	Dakota Supply	\$28.45 per ton

Bid Item: Trap Rock (Various Sizes) – Delivered

Rank	Bidder	Bid
1	Concrete Express	\$27.00 per ton (1 ½” Trap Rock)
2	Dakota Supply	\$33.25 per ton (1 ½” Trap Rock)
1	Concrete Express	\$27.00 per ton (1 ¼” Trap Rock)
2	Dakota Supply	\$33.25 per ton (1 ¼” Trap Rock)
1	Concrete Express	\$27.00 per ton (¾” Trap Rock)
2	Dakota Supply	\$33.25 per ton (¾” Trap Rock)
1	Concrete Express	\$27.00 per ton (¼” Trap Rock)
2	Dakota Supply	\$41.25 per ton (¼” Trap Rock)
1	Concrete Express	\$27.00 per ton of (⅜” Trap Rock)
2	Dakota Supply	\$41.25 per ton (⅜” Trap Rock)

Bid Item: Controlled Density Fill (K-Crete) 1/1 – 3/31 – 8:00am to 5:00pm

Rank	Bidder	Bid
1	Concrete Express	\$693.00 3 Cubic Yard Order
2	Dakota Supply Corp	\$855.00 3 Cubic Yard Order

Bid Item: Controlled Density Fill (K-Crete) 4/1 – 12/31 – 8:00am to 5:00pm

Rank	Bidder	Bid
1	Concrete Express	\$669.00 3 Cubic Yard Order
2	Dakota Supply Corp	\$837.00 3 Cubic Yard Order

Bid Item: Controlled Density Fill (K-Crete) 1/1 – 3/31 – 5:01pm to 7:59am

Rank	Bidder	Bid
1	Concrete Express	\$843.00 3 Cubic Yard Order
2	Dakota Supply Corp	\$3,855.00 3 Cubic Yard Order

Bid Item: Controlled Density Fill (K-Crete) 4/1 – 12/31 – 5:01pm to 7:59am

Rank	Bidder	Bid
1	Concrete Express	\$819.00 3 Cubic Yard Order
2	Dakota Supply Corp	\$3,837.00 3 Cubic Yard Order

Bid Item: Controlled Density Fill (K-Crete) 1/1 – 3/31 – 8:00am to 5:00pm

Rank	Bidder	Bid
1	Concrete Express	\$1,320.00 10 Cubic Yard Order
2	Dakota Supply Corp	\$1,397.00 10 Cubic Yard Order

Bid Item: Controlled Density Fill (K-Crete) 4/1 – 12/31 – 8:00am to 5:00pm

Rank	Bidder	Bid
1	Concrete Express	\$1,240.00 10 Cubic Yard Order
2	Dakota Supply Corp	\$1,337.00 10 Cubic Yard Order

Bid Item: Controlled Density Fill (K-Crete) 1/1 – 3/31 – 5:01pm to 7:59am

Rank	Bidder	Bid
1	Concrete Express	\$1,430.00 10 Cubic Yard Order
2	Dakota Supply Corp	\$4,397.00 10 Cubic Yard Order

Bid Item: Controlled Density Fill (K-Crete) 4/1 – 12/31 – 5:01pm to 7:59am

Rank	Bidder	Bid
1	Concrete Express	\$1,350.00 10 Cubic Yard Order
2	Dakota Supply Corp	\$4,337.00 10 Cubic Yard Order

Trustee Murphy made a motion to approve the Paving and Fill Materials Bid results as presented, awarding the bid to the lowest bidder (Rank 1) for each bid item. Trustee Seligson seconded the motion, all in favor:

Trustee Seligson

“aye”

Trustee Belmont

not present

Trustee Murphy

“aye”

- The Business Director reviewed 2020 Water Distribution System Materials Bid results:

2020 Westchester Joint Water Works Water Distribution System Materials Bid Bid Opening: Friday December 13, 2019 at 1:00 PM					
<u>Category</u>	Schmidt's Wholesale	Core & Main	Camel Winwater	EJ Prescott	Ferguson Water Works
Adapters	No Bid	\$5,120.80	\$5,232.00	No Bid	No Bid
Cast Couplings	\$1,742.70	No Bid	\$1,260.00	No Bid	No Bid
Hymax Couplings	\$24,669.80	\$24,513.40	\$25,876.60	No Bid	No Bid
Hymax Grip Couplings	\$6,886.20	\$6,834.40	\$7,203.40	No Bid	No Bid
Corporation Stops	\$20,635.76	\$21,635.58	\$18,818.00	No Bid	No Bid
Corporation Bends	No Bid	No Bid	\$3,958.90	No Bid	No Bid
Corporation Plugs & Bushings	\$545.25	\$545.45	\$487.00	No Bid	No Bid
Couplings & Tees	No Bid	\$3,670.18	\$4,913.50	No Bid	No Bid
Curb Boxes & Lids - Cast Iron	No Bid	\$3,889.50	\$3,775.00	No Bid	No Bid
Curb Stops	\$69,376.08	\$67,426.78	\$58,793.00	No Bid	No Bid
Ductile Iron Pipe	\$234,957.00	\$240,013.00	\$248,330.00	No Bid	No Bid
Flushing Hydrants (2")	\$3,249.00	\$2,721.60	\$2,490.00	No Bid	No Bid
Fire Hydrants	\$114,887.16	\$113,114.58	No Bid	\$104,103.00	No Bid

Hydrants with Storz	\$131,614.41	\$127,074.81	No Bid	\$119,340.00	No Bid
Hydrant Parts AD B62B	No Bid	No Bid	No Bid	\$21,897.38	No Bid
Hydrant Parts AD B50B	No Bid	No Bid	No Bid	\$4,355.11	No Bid
Hydrant Parts Mueller Centurion	\$21,706.28	\$22,654.45	No Bid	No Bid	No Bid
Mechanical Joint Bolt & Nut	\$862.00	\$872.00	\$873.25	No Bid	No Bid
Mechanical Joint Fittings	\$175,821.42	\$169,088.25	\$174,917.59	No Bid	No Bid
Meter Adapters	\$14,343.10	No Bid	\$11,565.50	No Bid	No Bid
Meter Yokes	No Bid	No Bid	No Bid	No Bid	\$54,335.60
Polyethylene Encasement Tubing	\$1,803.90	No Bid	\$3,594.20	No Bid	No Bid
Repair Clamps	\$27,927.86*	\$56,432.16**	\$58,474.60**	No Bid	No Bid
EZ Max Repair Clamps	\$18,241.96	\$18,387.18	\$19,409.60	No Bid	No Bid
Retaining Gland Kits	\$6,271.32	\$7,506.60	\$7,458.00	No Bid	No Bid
Service Saddles	\$4,144.54	No Bid	\$3,643.80	No Bid	No Bid
Service Tubing	\$11,114.00	\$18,254.00	\$10,545.00	No Bid	No Bid
Tapping Sleeves	\$36,220.42	\$32,727.70	\$30,973.30	No Bid	No Bid
Threaded Rods & Tie Bolts	No Bid	No Bid	\$2,002.50	No Bid	No Bid
Underground Clamps	\$4,637.28	\$4,052.16	\$3,729.00	No Bid	No Bid
Gate Valves Resilient Seat Wedge	\$259,340.65	\$271,488.27	\$290,249.00	\$250,350.00	No Bid
Gate Valves OS&Y	\$73,984.00	\$72,065.66	\$79,608.00	No Bid	No Bid
Butterfly Valves	\$37,640.55	\$41,044.25	\$55,884.00	No Bid	No Bid
Valve Boxes	\$8,250.00	\$7,960.40	\$8,675.00	No Bid	No Bid
Valve Box Risers	No Bid	No Bid	\$6,170.00	No Bid	No Bid

* Power Seal Brand ** Romac Brand

Trustee Murphy made a motion to approve the Water Distribution System Materials Bid results as presented, awarding the bid to the lowest bidder (highlighted in yellow) for each bid item. Trustee Seligson seconded the motion, all in favor:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

Executive Session

No Executive Session needed at this time.

Date of Next Meeting

The next Board of Trustees meeting is scheduled for January 14, 2020 at 4:00 p.m.

With no further business to discuss, Trustee Murphy made a motion to adjourn the meeting. Trustee Seligson seconded the motion:

Trustee Seligson	“aye”
Trustee Belmont	not present
Trustee Murphy	“aye”

The meeting adjourned at 5:48 p.m.