

GREEN BAY METROPOLITAN SEWERAGE DISTRICT
PROCEEDINGS OF THE COMMISSION

Regular meeting of the Commission held February 20, 2017.

PRESENT: Commissioners Hasselblad, Hoffmann; Mainz and Tumpach (via conference call)

EXCUSED: Commissioner Blumreich

ALSO PRESENT: T. Sigmund, P. Kaster, N. Qualls, B. Hafs, B. Butterfield, D. Aderholdt, T. Wanta, L. Sarau, B. Angoli, M. Diaz, E. Houghton, B. Bartel, T. Garrison, J. Czypinski, J. Smudde, T. Brown, B. Vander Loop, J. Van Sistine, J. Nicks–Legal Counsel; K. Steiner and J. Lawler–Wiss, Janney, Elstner Associates; J. Logan–Fox River Fiber

Commission President Hasselblad called the meeting to order at 8:30 a.m. She stated due to two Commissioners participating via conference call, agenda items requiring Commission action will be taken first.

1) Safety moment.

T. Sigmund distributed a handout on basic rules of kitchen safety.

Commissioner Hasselblad stated that she appreciated receiving the information on NEW Water's, the brand of the Green Bay Metropolitan Sewerage District, 2016 safety statistics. She stated there were 90 recognized hazards, 27 near misses, 22 incidents, and three recordable injuries. She values NEW Water's focus on safety and striving for zero recordable injuries.

3) Convene in closed session under State Statute 19.85 (1) (g) for the purpose of conferring with legal counsel for the Commission who is rendering oral or written advice concerning strategy to be adopted by the Commission with respect to litigation in which it is or is likely to become involved:

a) Litigation involving industrial and interplant forcemains

Motion #17-008

It was moved by Hoffmann, seconded by Mainz, and unanimously agreed to convene in closed session under State Statute 19.85 (1) (g) for the purpose of conferring with legal counsel for the Commission who is rendering oral or written advice concerning strategy to be adopted by the Commission with respect to litigation in which it is or is likely to become involved.

4) Reconvene in open session.

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Motion #17-009

It was moved by Hoffmann, seconded by Meinz, and unanimously agreed to reconvene in open session.

5) Approval of minutes of Commission meeting held January 25, 2017.

Motion #17-010

It was moved by Meinz, seconded by Hoffmann, and unanimously agreed to approve the January 25, 2017 minutes as distributed.

2) Introduce new employees:

a) Dalton Aderholdt, Maintenance Mechanic

B. Butterfield introduced Dalton Aderholdt, who has worked in various roles at NEW Water.

D. Aderholdt stated that he began working at NEW Water at the age of 16 as a Utility Helper, and most recently as a Treatment Intern. He is looking to grow in his new role as the Maintenance Mechanic Apprentice.

b) Todd Wanta, Electrical & Instrumentation Technician

B. Butterfield introduced Todd Wanta, who has worked in the electrical and instrumentation industry for years.

T. Wanta stated that he has over 16 years of experience as an Industrial/Commercial Electrician. He worked 5½ years at Expera Specialties Solutions in De Pere, WI, and also worked in the Stevens Point/Wisconsin Rapids area. He is excited to be here and to provide his expertise.

The Commission welcomed them.

7) Request Commission approval to award the Swan Road Interceptor Extension Contract No. 13-030-CO to Advance Construction, Inc.

L. Sarau reported the Swan Road Interceptor Extension contract consists of 2,260 linear feet of 12-inch interceptor sewer starting from the intersection of Swan Road and Viking Lane and ending near the intersection of County Highway PP and Rockland Road. She stated the purpose of this contract is to extend the sewer to accommodate future development and relieve the 8-inch Town of Ledgeview sanitary sewer that the City of De Pere currently discharges to.

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L. Sarau stated eight bids were received and opened on February 2, 2017. She stated the apparent low bidder, Kruczek Construction Inc., requested to withdraw its bid due to inaccurate backfill estimates and NEW Water staff concurred with the request. She stated the next three lowest bidders were required to respond to a safety questionnaire to help determine the qualifications of each bidder. NEW Water staff agrees with AECOM's recommendation to award the project to the next lowest bidder, Advance Construction, Inc. She stated AECOM will perform the construction related services for this project. NEW Water staff is working with its affected customers to establish capacity allocations and payment requirements. She stated some of the work has to be done by April 1, 2017. She requested Commission approval to award the contract to Advance Construction, Inc. in the amount of \$172,550.70 and a 10% contingency of \$17,255.00 under the authority of the Executive Director for a total amount of \$189,805.70.

Commissioner Hasselblad stated two of Advance Construction's costs seem to be reversed compared to the other bidders. She asked if staff was comfortable with that. L. Sarau replied yes.

Motion #17-011

It was moved by Hoffmann, seconded by Tumpach, and unanimously agreed to award the Swan Road Interceptor Extension Contract No. 13-030-CO to Advance Construction, Inc. in the amount of \$172,550.70 and a 10% contingency of \$17,255.00 under the authority of the Executive Director for a total amount of \$189,805.70.

8) Sewer plan approvals:

a) City of Green Bay 2017 Capital Projects; GBMSD Request 2017-06

B. Angoli stated the City of Green Bay is seeking administrative approval of its anticipated 2017 sanitary sewer projects, and detailed plans would be submitted later in the year for NEW Water staff's technical review.

b) Village of Howard Project No. 17002; GBMSD Request 2017-02

B. Angoli stated the Village of Howard is requesting 1,049 ft. of 8-inch PVC sanitary sewer located on Red Oak Street, 723 ft. of 8-inch PVC sanitary sewer located on Steiner Lane, and 238 ft. of 8-inch PVC sanitary sewer located within easement for future use. He stated flow would be tributary to NEW Water's Bayview Interceptor.

c) Village of Howard Project No. 17003; GBMSD Request 2017-03

B. Angoli stated the Village of Howard is requesting 916 ft. of 8-inch PVC sanitary sewer located on Castle Hill Drive and 93 ft. of 8-inch PVC sanitary sewer located on Canterbury Castle. He stated flow would be tributary to NEW Water's Duck Creek Interceptor.

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d) Village of Bellevue Contract B-17; GBMSD Request 2017-04

B. Angoli stated the Village of Bellevue is requesting relining of 3,113 ft. of 15-inch sewer located on Town Hall Road and replacement of 75 ft. of 8-inch sewer located on Hazen Road. He stated flow would be tributary to NEW Water's East River Interceptor.

e) Town of Lawrence Project No. L0017-9-16-00968; GBMSD Request 2017-05

B. Angoli stated the Town of Lawrence is requesting 604 ft. of 10-inch PVC sanitary sewer located on Scheuring Road and 90 ft. of 8-inch sanitary sewer located on Applewood Drive off of Scheuring Road. He stated flow would be tributary to NEW Water's Ashwaubenon Creek Interceptor.

Motion #17-012

It was moved by Hoffmann, seconded by Tumpach, and unanimously agreed to approve the City of Green Bay capital projects with technical review and approval to be done later in the year by NEW Water staff, Village of Howard, Village of Bellevue, and Town of Lawrence sewer plans subject to favorable review by Brown County Planning and final approval by the Wisconsin Department of Natural Resources (WDNR).

6) Preliminary December financials.

M. Diaz stated the December financials are preliminary due to the 2016 financial audit scheduled in March 2017. She reported total operating revenues for the month of December were favorable to budget by 3%. Year to date total operating revenues were favorable to budget by 4%. Leading the favorable results were other revenues from septage and user fees from a wet spring and several rain events. She reported total operating expenses for the month of December were unfavorable to budget by 39%, and the leading expenses were contracted services, salaries and benefits of compensated absences year-end accrual, office related expenses, and maintenance plant. Year to date total operating expenses were favorable to budget by 3%. Leading the favorable results were contracted services relating to environmental projects and legal; natural gas and fuel oil due to warmer weather and no purchase of diesel fuel; solid waste, maintenance interceptor power, and chemical were due to less expenditures than budgeted. Net income for the month of December was \$363,000.

Commissioner Hasselblad asked what environmental projects have not been done. M. Diaz replied the Silver Creek Project received federal grant funding.

M. Diaz stated that she added a three-year trend to the financials.

T. Sigmund stated \$5.45M will go into the R2E2 Project rate stabilization reserve.

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9) Findings and recommendations to resolve corrosion issue at all fittings along the industrial and interplant forcemains.

L. Sarau stated in March 2015 a leak was discovered along the industrial forcemain near the intersection of 9th Street and Cedar Street. She stated when the leaking joint was uncovered, it was found that the t-head bolts that held the mechanical joint between the PVC pipe and DI fitting together had deteriorated to the point of failure. NEW Water retained Wiss, Janney, Elstner Associates, Inc. (WJE) to conduct a laboratory evaluation of the bolts from the leaking fitting. NEW Water investigated further to determine if the failure was an isolated incident or more widespread. The results of that investigation indicated similar corrosion in hardware located 450 ft. from the original leak. NEW Water determined the corrosion to be more widespread and retained WJE to provide a more detailed investigation into the condition of the hardware on the industrial forcemain.

L. Sarau stated NEW Water had concerns that similar corrosion issues may be present in the interplant forcemain since it was constructed at the same time, designed by the same engineering consultant, and the same hardware specifications were used. WJE was also retained to provide a more detailed investigation into the condition of the hardware on the interplant forcemains. Prior to the main investigation, a small investigation was conducted, which included two locations on Ashland Avenue. Multiple bot/nut pairs from that small investigation showed substantial levels of corrosion justifying the larger investigation of the interplant forcemain.

L. Sarau introduced Kimberly Steiner and John Lawler from WJE to present the investigation process and results for the industrial and interplant forcemains.

K. Steiner from WJE presented the following findings from the forcemain investigations:

- Forcemain Description
- Industrial Forcemain Leak
- WJE Investigation: Objectives
- Anticipated Factors Affecting Corrosion
- Excavations: Industrial Forcemain and Interplant Forcemain
- Documentation of Wrap Condition
- Ratings of Bolt Condition
- Influence of Wrap Condition on Bolt/Nut Condition
- Influence of Soil pH and Wrap Condition on Bolt/Nut Condition
- Conclusions

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L. Sarau stated from WJE's investigation and findings, there is no good way to determine the condition of the hardware by looking at existing drawings or from the surface. NEW Water staff is moving forward to address the corrosion issue at all fittings for the interplant and industrial forcemains. The Department of Transportation (DOT) is working on a small scale project along Ashland Avenue. NEW Water plans to replace the fitting hardware in that area before the DOT's project is complete and the new pavement is placed. A schedule has not been developed for the remaining areas. NEW Water will retain an engineering firm to make a recommendation on the best way to move forward.

Commissioner Hasselblad asked what the DOT's timeline is. L. Sarau replied the DOT is working on the bridge on Ashland Avenue and will be removing pavement as early as May 1, 2017.

10) 2016 Aquatic Monitoring Program updates.

E. Houghton gave an update on the 2016 Aquatic Monitoring Program, as follows:

- Great Lakes Surface Environmental Analysis
- NEW Water Sample Sites
- Aquatic Monitoring Program
- Trend Data for Mean Total Phosphorus and Total Suspended Solids (1986 – 2016)
- 2016 Entrance Light Bottom DO
- Interannual Variability
- 2016 River and Bay Summary
- Silver Creek Subwatershed Landcover – Lower Fox River Basin
- Silver Creek Median Total Phosphorus and Total Suspended Solids
- Current Collaborations
- 2017 Field Season Goals
- Questions

E. Houghton reported WET Testing was conducted at the Green Bay Facility last week, and this week at the De Pere Facility.

Commissioner Hasselblad thanked Erin Houghton on a great update.

11) Update of projects:

a) Contract 34 Digestion and Solids Facility

B. Angoli reported Contract 34 is moving along. He stated placement of electrical conduit, electrical cable tray, concrete block walls, duct work, and mechanical piping continues in the solids building, biogas building, and digester gallery. Work has started on the modifications to the existing piping in tunnels A and H. He stated there are no overall major issues with the construction progress.

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B. Angoli reported the contractor is working on the startup schedule for solids building, digester, biogas, and thickening building systems. NEW Water staff is working with the WDNR Construction Management Engineer on an outstanding issue on the American Iron and Steel requirements for the sample valves. Staff is looking into if there is any additional costs if the sample valves are made in the United States. He stated the digester tank scaffolding work will begin in March, and placing tanks panels will start in April.

12) Operation report:

a) Effluent quality for January

B. Bartel reported both facilities were in compliance with effluent limits for the month of January.

b) Air quality for January

B. Bartel reported the Green Bay Facility was in compliance with air quality limits for the month of January. He stated ammonia levels have been higher than normal due to the new configurations on the aeration basins associated with the R2E2 Project.

13) Executive Director's report:

a) March Commission meeting

The March Commission meeting will be held Wednesday, March 29, 2017, beginning at 8:30 a.m. A Commission workshop on employee compensation will be held on Tuesday, March 28, 2017.

b) Support Services Department name change

The Support Services Department's name changed to "Administrative Services," to better define the ever expanding roles and responsibilities of that department.

c) Strategic Plan update

A six-month Strategic Plan update was included in the Commission packet.

d) NEW Water receives a NACWA National Environmental Achievement Award

NEW Water received a NACWA National Environmental Achievement Award for Public Information & Education for its STEM Superheroes Camp. The award was presented at the NACWA winter meeting.

e) NACWA's 2017 Winter Conference

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NACWA held its 2017 Winter Conference from February 5 – 7, 2017. The theme of the conference was “Next Generation Compliance...Where Affordability & Innovation Intersect.” There was a lot of discussion on potential changes for the Environmental Protection Agency.

f) Einstein Science Expo event

NEW Water hosted a booth in conjunction with the Green Bay Water Utility at the Einstein Science Expo event on February 4, 2017.

g) World Water Day event

The fourth annual World Water Day event will be held on March 17, 2017, from 10:00 a.m. – 11:00 a.m. at the Jack Day Center.

h) Jon Strandberg promoted to Operator

Jon Strandberg was promoted from Operator-in-Training to Operator in January 2017.

There being no further business to come before the Commission, the meeting adjourned at 10:06 a.m.

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Secretary