

MINUTES OF MEETING OF THE
NORTH HARRIS COUNTY REGIONAL WATER AUTHORITY

September 9, 2019

The Board of Directors (the "Board") of the North Harris County Regional Water Authority (the "Authority") met in regular session, open to the public, at 6:00 p.m. on Monday, the 9th day of September, 2019, at the Authority's office located at 3648 Cypress Creek Parkway, Suite 110, Houston, Texas, a public meeting place within the boundaries of the Authority; whereupon, the roll was called of the duly constituted officers and members of the Board, to-wit:

Alan J. Rendl	President
Kelly P. Fessler	Vice President
Lenox A. Sigler	Secretary
Ron Graham	Assistant Secretary
Jim Pulliam	Treasurer/Investment Officer

All members of the Board were present, thus constituting a quorum. Also attending the meeting were: Mr. Jun Chang, P. E., D.WRE, Deputy General Manager for the Authority; Mr. Mark Evans, Director of Planning and Governmental Affairs for the Authority; Ms. Cynthia Plunkett, Financial Assistant for the Authority; Ms. Barbara Payne of Payne Communications, Communications Coordinator for the Authority; Messrs. Stephen Berckenhoff, P.E. and Doug Haude, P.E., of AECOM Technical Services, Inc., Program Managers for the Authority; Mr. Brian Cunningham of Project Surveillance, Inc., a subcontractor to AECOM and project representative on several Authority projects; Mr. Buddy Barnes, P.E., FASME, of ARCADIS US, Inc., on-call engineers for the Authority; Mr. Rafael Ortega, P.E., of Aurora Technical Services, LLC, on-call engineers for the Authority; Mr. John Lacy, P.E., of Costello, Inc., on-call engineers for the Authority; Ms. Katherine Mears, P.E., and Mr. David Huang of RPS Klotz Associates, on-call engineers for the Authority; Mr. Mike Reedy, P.E., of Freese and Nichols, Inc., on-call engineers for the Authority; Mr. David Warner, P.E., of Jones|Carter, Inc., on-call engineers for the Authority; Mr. Charles Shumate, P.E., of Lockwood Andrews and Newnam, Inc.; Mr. Marcel Khouw, P.E., of IDS Engineering Group, on-call engineers for the Authority; Mr. Lance McLeod, P.E., of Kimley-Horn and Associates Inc., on-call engineers for the Authority; Ms. Aimee Edwards, P.E., of Binkley & Barfield, on-call engineers for the Authority; Mr. Carlton McDevitt of Inframark, LLC ("Inframark"), operator for the Authority; Mr. Mark Breeding, attorney, of Hunton Andrews Kurth, LLP, right-of-way attorneys for the Authority; Mr. Jonathan D. Polley, attorney, and Ms. Marissa E. Paltz, legal secretary, of Radcliffe Bobbitt Adams Polley PLLC ("Radcliffe Bobbitt"), general counsel and co-bond counsel for the Authority. Numerous members of the public and other consultants to the Authority were also present at the meeting. Copies of the sign-in sheets for those in attendance at the meeting are attached hereto.

WHEREUPON, the meeting was called to order and evidence was presented that public notice of the meeting had been given in compliance with the law. The posted notices of the meeting are attached hereto.

PRESIDENT'S MESSAGE

Director Rendl first greeted the meeting attendees and then recognized Director Pulliam, who shared an article which had been published in the September 8, 2019 issue of "Healing Health Newsletter" regarding the four (4) different forms of water, a copy of which is attached.

PUBLIC COMMENTS

Director Rendl next stated that no public comment cards had been received.

REPORTS

STATUS OF ACTIVITIES BY COMMUNICATIONS / PUBLIC INFORMATION COORDINATOR

A copy of Ms. Payne's PowerPoint presentation is attached as an exhibit to these minutes.

Ms. Payne first reported that scheduling has begun for the Authority's elementary school assembly program for the 2019-2020 school year. Ms. Payne stated that the programs will help students prepare for the State of Texas Assessments of Academic Readiness ("STAAR") test. Ms. Payne noted that, in every case, the schools that scheduled the assembly program had a higher percentage (90%) of students pass the STAAR test.

GENERAL MANAGER'S REPORT

Mr. Chang then called upon Mr. Berckenhoff to present the Program Manager's Report to the Board, a copy of which is included behind Tab 3 of the meeting packet and attached hereto.

PROGRAM MANAGER'S REPORT

UPDATE ON STATUS OF SURFACE WATER CONVERSION

Mr. Berckenhoff first reported that the Spears Road Regional Pump Station delivered a daily average rate of approximately 34.9 million gallons per day ("MGD") of surface water during August. Mr. Berckenhoff added that the alternative water used in July was approximately 31.7%, as compared to approximately 30.6% in June. Mr. Berckenhoff further explained that during July, approximately 71.9% of the water used by the Public Water Systems (the "PWSs") in the Authority's 2010 service area was alternative water.

MAJOR ACTIVITIES

Mr. Berckenhoff went on to report that during the prior month, AECOM had performed other activities for the Authority as follows: 1) implemented and performed tasks regarding the Authority's aggregate water well permit (the "Permit"); 2) assisted the Authority in a variety of activities involving the City of Houston (the "City"); 3) continued oversight of engineering and acquisition related efforts; 4) provided oversight of Inframark's activities and its contract to operate the Authority's system; and 5) monitored, tabulated and analyzed amounts of water used by the PWSs covered by the Authority's Permit and, where necessary and practical, in consort

with Inframark and the respective PWS operators, took appropriate actions to optimize the use of surface water.

Mr. Berckenhoff further reported on the Authority's current construction-related activities as follows: 1) Project 28A is complete and awaiting a true-up and contract close-out with Harris County (the "County"); 2) Project 28B is at 100% final design and the project team is working on submittal and approvals from the Texas Water Development Board (the "TWDB") and other agencies, with approximately 16 parcels currently in the acquisition process; 3) Project 28C is in final design and working towards 100% plan submittal, with approximately 28 parcels currently in the acquisition process; 4) Project 28D is in final design and working towards 100% plan submittal, with approximately 23 parcels to be acquired; 5) Project 28E is in final design and working towards 100% plan submittal, with approximately 30 parcels to be acquired; 6) Project 28F is in final design and working towards 100% plan submittal, with approximately 20 parcels to be acquired; 7) Project 28G preliminary engineering is underway; 8) Project 24C engineering is underway; and 9) Project 25A through 25D final designs are underway, with approximately 13 parcels to be acquired and Project 25E has preliminary engineering underway.

LUCE BAYOU INTERBASIN TRANSFER PROJECT (THE "LUCE BAYOU PROJECT") UPDATE

Concerning the Luce Bayou Project, Mr. Berckenhoff reported the status of the following items: 1) the contractor completed 8 of 9 remaining pump station wall pours to the elevation of +45' and continued backfill and compaction at the Capers Ridge Pump Station, with continued installation of steel framing for the maintenance building and concrete masonry unit ("CMU") walls at the electrical building; 2) continued construction of the Air Vac Vaults and air relief valve manholes and offsite fabrication of fittings on the south 96-inch diameter pipeline, and the flow distribution basin concrete pours and grouting pipe joints have been completed; 3) completed west side of FM 2100 Siphon Pipe and completed construction of water level gate no. 1 concrete structure for Canal Segment No. 1; 4) contractor is working on punch list items for Canal Segment No. 2; 5) contractor is working on punch list items for Canal Segment No. 3; 6) continued backfill and final grading around siphon headwalls and completed construction of water level gates no. 5 and no. 6 for Canal Segment No. 4 and final inspection of such work was performed on August 27th; and 7) conducted final inspection of Canal Segment No. 5 on August 29th.

NORTHEAST WATER PURIFICATION PLANT (THE "NEWPP") EXPANSION PROJECT UPDATE

Mr. Berckenhoff next reminded the Board that the Houston Waterworks Team (the "HWT") and the Project Advisor/Technical Consultant (the "PATC") successfully negotiated the terms, conditions and price of the Balance of Plant ("BOP") Guaranteed Maximum Price ("GMP") contract amendment. Mr. Berckenhoff added that the item received City Council approval on July 10th and the City issued a Notice to Proceed to HWT for the BOP items. Mr. Berckenhoff went on to report that construction of Early Work Package ("EWP") 1 Site Development is nearing completion and includes grading, yard piping and other site work. Mr. Berckenhoff further reported that construction of EWP 2 Transfer Pump Station and West Filter Facility structures are proceeding ahead of schedule and all below-ground work is complete. Mr. Berckenhoff went on to report that construction of EWP 4 Dual 108-inch (108") Raw Water

Pipeline work continues, including raw water pipeline installation tunneling under W. Lake Houston Parkway. Mr. Berckenhoff further reported that construction of EWP 6 North Plant foundation and Intake Pump Station bridge and platform piling continues. Mr. Berckenhoff added that the HWT continues to progress on procurement of various BOP packages and that the PATC continues to provide construction oversight services on behalf of the City and the authorities.

NORTHEAST TRANSMISSION LINE (THE "NETL") PROJECT UPDATE

Mr. Berckenhoff next reported that in connection with the NETL project, the contractors have continued with construction on two (2) sections of the 108-inch (108") line and the 54-inch (54") interconnect line and that one (1) section of the 108-inch (108") line and 54-inch (54") interconnect line are in the hydrostatic testing and disinfection phase. Mr. Berckenhoff added that real estate acquisitions are proceeding on several additional sections of the NETL, and that design is progressing on the remaining six (6) sections of the NETL, including five (5) 108-inch (108") sections and the 66-inch (66") interconnect line.

ATTORNEY'S REPORT

Mr. Polley stated that he had nothing to report at this time.

REGULAR AGENDA

APPROVAL OF MINUTES

The Board next considered approval of the minutes of the August 5, 2019 regular meeting. Upon motion by Director Fessler, seconded by Director Graham, after full discussion and the question being put to the Board, the Board voted unanimously to approve the minutes of the August 5, 2019 regular meeting, as written.

FINANCIAL ASSISTANT'S REPORT, INCLUDING APPROVE PAYMENT OF BILLS, ISSUANCE OF CHECKS, REVIEW BUDGET COMPARISON, AND REPORT ON STATUS OF PAYMENTS OF QUARTERLY PUMPAGE FEES

Director Rendl then recognized Ms. Plunkett, who reviewed the Authority's Financial Report with the Board, including the monthly investment report, the checks being presented for payment, and the budget comparison for the month ended July 31, 2019, a copy of which is included behind Tab 5 of the meeting packet and is attached hereto.

Upon motion by Director Sigler, seconded by Director Graham, after full discussion and the question being put to the Board, the Board voted unanimously to approve the Financial Report, the monthly investment report, and the checks being presented for payment.

GENERAL MANAGER'S ACTION ITEM

ADOPT RESOLUTION DECLARING THE EXISTENCE OF A PUBLIC NECESSITY FOR THE ACQUISITION OF A RIGHT-OF-WAY FOR THE TRANSPORTATION, DISTRIBUTION, AND DELIVERY OF WATER, INCLUDING REASONABLE AND NECESSARY APPURTENANCES THERETO, AND AUTHORIZING THE ACQUISITION, BY DONATION, PURCHASE, OR EXERCISE OF THE POWER OF EMINENT DOMAN, OF PROPERTY AND PROPERTY INTERESTS NECESSARY FOR SUCH FACILITIES, IN CONNECTION WITH PROJECT 25D (THE "RESOLUTION")

Mr. Chang next recognized Mr. Breeding, who presented for the Board's approval and adoption the Resolution, a copy of which is attached hereto. Mr. Breeding then briefly reviewed the Resolution with the Board, explaining that the Resolution pertains to Project 25D as a part of the Authority's 2025 water distribution transmission system, which includes construction of an 84" water transmission line and acquisition of a meter station site.

Upon motion by Director Fessler, seconded by Director Pulliam, after full discussion and the question being put to the Board, the Board voted unanimously to approve and authorize execution of the Resolution.

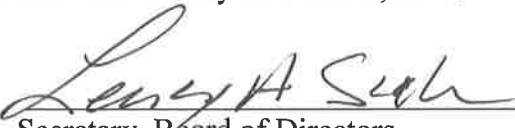
CONFIRM UPCOMING MEETING DATE

Director Rendl then informed the meeting attendees that the Authority's next regular meeting will be held on Monday, October 7, 2019, at 6:00 p.m. at the Authority's office.

There being no further business to come before the Board, the meeting was adjourned.

PASSED, APPROVED AND ADOPTED this 7th day of October, 2019.




Secretary, Board of Directors