

WATER/ENVIRONMENTAL COMMITTEE

February 11, 2016

MEMBERS PRESENT

Aldermen Dorchinecz
Alderman Walters
Alderman Budd
Alderman Vota

ALSO PRESENT

Mayor Brotherton
Alderman Moore
Alderman Heberling
Treasurer Nation
Bev Morrison

Superintendent Speagle
Jamie Headen
Brian Cannon
Owen Lasswell

Chairman Dorchinecz called the meeting to order 6:50 P.M.

MONTHLY STATUS REPORT

It was reported that 29% of Lake Taylorville Water was used compared to 71% of Well Water for the month of January. Superintendent Speagle noted there were 338 shutoff notices mailed resulting in 38 shutoffs.

NEW WATER TREATMENT PLANT UPDATE

Jamie Headen and Brian Cannon were present representing Benton and Associates. Jamie Headen presented a Project Schedule for Council Action & Approval, an aerial view of the plant, and a summary of Phase 2 & Phase 3 on the Agenda tonight.

The Project Schedule for the New Taylorville Water Plant is Attachment A.

Jamie stated the 3 existing buildings will be staying. The property will be fenced in with 7 foot black coated security fence and trees will be planted where possible. We must decide if we want asphalt or concrete. We are in the permit review stage now, as plans went to the EPA last Friday. Bids will be advertised April 4th; opened May 20, 2016 and bids will be good for 90 days while EPA decides on the loan application.

The new plant should be producing water in 18 months. Demolition of the current building is part of the project. The clarifier building is in good shape and could be modified for storage. The current lagoons will stay for the time being although they will not be in use.

Our first payment would be late 2018 or early 2019. New Water rates are set but revenue is not matching projections. Superintendent Speagle notes we will get the bids in then see where we stand; some things may have to be cut.

APPROVAL OF PHASE II GEOPHYSICAL SURVEY AND PHASE III MAXIMUM YIELD MODELING PROPOSAL FROM LAYNE CHRISTENSEN COMPANY FOR NEW WATER PLANT

Phase II

A geophysical survey of three proposed well locations near the Taylorville well field will be conducted in order to better characterize the aquifer and select the best locations for two new wells. A geophysical survey gives information about the depth to the bedrock and provides a generalized understanding of the extent of sand and gravel deposits in the surveyed area.

Phase III

A regional study of the potential yield of the Macon-Christian aquifer was conducted by the Illinois State Water Survey in 1997. That study did not specifically examine the potential yield for an expanded Taylorville well field. Layne will construct a regional groundwater flow model of the aquifer system and use that model to assess the potential long-term maximum yield of the well field.

Motion by Alderman Walters and seconded by Alderman Vota to recommend to the City Council to Approve Phase II Geophysical Survey in the amount of \$23,400.00 and Phase III Maximum Yield Modeling Proposal in the amount of \$16,280.00 from Layne Christenson Company and direct the Mayor to sign the necessary documents. Motion carried 4-0.

ASBESTOS & LEAD BASED PAINT INSPECTION OF EXISTING WATER PLANT

Three consulting companies attended the February 5, 2016 walk-through for a full asbestos and lead-based paint inspection of the existing water treatment plant including equipment and out-buildings, a limited inspection of the clarifier building and equipment, and a limited inspection of the lake pump station. Three proposals were received.

Motion by Alderman Vota and seconded by Alderman Walters to recommend to the City Council to accept the low quote of \$3,140.00 from Farmer Environmental Services, LLC for Asbestos and Lead Based Paint Testing of the Existing Water Plant. Motion carried 4-0.

APPROVAL OF DEBT AUTHORIZATION ORDINANCE FOR NEW WATER PLANT

Motion by Alderman Budd and seconded by Alderman Walters to recommend to the City Council to approve the Debt Authorization Ordinance for the New Water Plant in the amount not to exceed \$33,000,000.00. Motion carried 4-0.

WATER SUPERINTENDENT'S REPORT

The Biotta pilot is ongoing if anyone wants to stop by. We are extending the duration at no increased cost to enable a couple of extra tests.

ANY OTHER MATTERS

Treasurer Nation will get prices for a new printer for the Water Collection Department.

Treasurer Nation informed the Committee the Prison is seven months behind on their water bill which totals \$255,598.72. Mayor Brotherton stated usually a call is made to the State Comptroller when the prison get several months behind.

Motion by Alderman Vota and seconded by Alderman Walters to adjourn. Motion carried 4-0. Meeting adjourned at 8:25 P.M.

Ernie Dorchinecz, Chairman