**CITY OF TWO RIVERS CITY COUNCIL**

**PUBLIC UTILITIES COMMITTEE**

# Tuesday, May 5, 2017

**6:00 P.M.**

**City Hall, 3rd Floor, Committee Room**

**MINUTES**

**Call to Order**

**Roll Call**

**Committee members present:** John Casavant, Bonnie Shimulunas, Erin Gonnerman

**Staff Present**: James Mc Donald (City Engineer/ Public Works Director), Scott Ahl (Civil Engineer II), Ross Blaha (Water Utility Supt), Dave Casebeer (WWTP)

Greg Droessler, PE, Town & Country Engineering

**Review and Approval of Minutes –** Motion by Erin Gonnerman, seconded by John Casavant, to accept and file minutes as presented. Motion carried upon unanimous voice vote.

**Public Input**

**Waste Water Utility: Updates from Superintendent and Facilities Plan Status / Issues**

**Town and Country Facility Plan Summary Presentation, Discussion and Action**

-Waste water plant history: 1939 original plant; 1976 major update;

- Plan reviewed structures and equipment; evaluate condition and place priorities on needed equipment replacement; Plan also determine financing and rate structure impacts for the improvements.

-Higher priority items:

1. Headworks - $1.8 million - code compliant
2. Grit removal - $1.3 million – Excessive grit in existing influent has been noted to plugs tanks, wears on pump and equipment
3. Plant SCADA - $0.5 million (exclude lift station) – data control and networking, privides communication to lift stations (existing communication is unreliable via conventional phone lines.
4. Belt press/ digestors - $1.0 million – digest remaining nutrients, belt press is 27 years old, new technology may help improve efficiencies
5. Digestor membrane - $1.25 million – 10 years old, expect to last 10-15 years; recommend steel cover; better mixing, longer life expectancy.
6. Aeration basin - $0.75 million – bottle neck at interconnect between north and south basins; help with efficiencies

Total - $6.6 million – high priority items

Other - $5.8 million – lower priority items

Financing applied for intent to apply submitted October 2016; City qualifies for principal forgiveness, max $700,000/year (based on 30%); Projects separated into different phases for economics. Phase 1 would include improvements to headworks, grit removal, SCADA – 1st ≈ $3.6 million

Utility Rate Impacts = 4.0% rate increase per year for 9 years

- funds plant work and, also, provides for main replacement and maintenance

- plans for Phase 1 need to be submitted to DNR prior to September 30, 2017, in order to proceed with 2018 construction

- proposal would develop 30% plans for the first 6 high priority items, allow for further refinement of cost estimates; allow for readiness of projects if other funding becomes available

- 30% plans would be completed by July and advance first project to 70% plans prior to September 30th.

-Roofs, doors, tuck pointing have funds listed in report for maintenance of building, with funding via budgets or additional grant/loan applications

Motion was made by Erin Gonnerman, seconded by John Casavant, to recommend to City Council to advance contract with Town & County to develop 30% plans for high priority projects. Motion carried upon unanimous voice vote.

**Engineering Addendum Consideration, Discussion and Action**

**Superintendent updates**

**Water Utility: Updates from Director**

**New style membrane will be here the week of May 15th**

**Update on PLC upgrade**

**Getting 2 youth mentorship people for the summer to locate our curb stops into GIS system**

**Electric / Telecommunications Utilities: Updates from Director**

**Storm Water Utility: Updates and Action**

**EPA Grant – Constructed Wetland at Beach –** to help treat storm water from outfall at end of 22nd Street; need permits from U.S. Army Corps of Engineers and DNR for work near lake Michigan and threatened plant

**Storm Water Outlet Issues with WDNR**

**Projects Updates**

**Other**

**Other Utilities: Updates and Action**

**Landfill –** abandoned landfill (owned by private party), formerly used for municipal waste, projects include regrading top of landfill for water drainage

**Solid Waste / Recycling**

**Various Project Updates:**

**Wilson (23rd-24th) –** replace sanitary main, sanitary laterals (main to house), lead water services (curb box to house) and installation of storm sewer services

**Pilon –** replace all utilities, water deficient available fire flows

**Lincoln Avenue Utilities**

**Vets Park Paving (and storm sewer) –** project to reroute storm sewer from 19th and School St. to discharge at Vets Park and install conduit for future fiber optics for park operations, security cameras, and lighting; resurfacing a portion of parking lot

**Other**

**Set Date, Time and Agenda Items for next Committee Meeting**

Next meeting to be held Tuesday, May 16, 2017, at 4:00 pm for tours of Water and Wastewater plants. No additional business expected.

Next monthly meeting to be held Tuesday, June 6, 2017, 5:00 pm

**Adjournment**

A motion was made by Erin Gonnerman, seconded by John Casavant, to adjourn at 7:53 pm. Motion passed upon unanimous voice vote.

**Submitted:**

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**Scott Ahl**