

CITY COMMISSION MEETING

April 22, 2020 at 10:00 AM

CITY COMMISSION / MUNICIPAL COURT ROOM
518 MECHANIC, EMPORIA, KS

Agenda

Pre-Luncheon Items

- ▶ Financial Report
- ▶ Update on the KDHE Stormwater Runoff Requirements
- ▶ Lift Station Discussion
- ▶ City Manager's Financial Report

Post-Luncheon Items



**If you need accommodations due to a disability to participate in this event, meeting, or activity, or alternative format of written materials contact City of Emporia Jeff Lynch, ADA Coordinator at least 48 hours before the event at 620-343-4285 or jlynch@emporia-kansas.gov*

Memo

TO: City Commission

FROM: Jon Proehl, Supervisor Engineering Department

CC: Department Heads

DATE: April 17, 2020

SUBJECT: KS Stormwater Permit Review 2020

This past November the City of Emporia was issued its new Kansas Water Pollution Control Permit and Authorization to Discharge under the National Pollutant Discharge Elimination System. This permit gives the City authorization to discharge stormwater from the incorporated City limits into the designated waters of the United States from the Municipal Separate Storm Sewer System (MS4). The permit is in effect until its expiration date of October 31, 2024 as long as the City remains in accordance with the limitations, conditions and requirements set forth in said permit. This new permit significantly increases the requirements for implementation of BMPs (Best Management Practices) and surface water monitoring beyond what the previous permit imposed. In order to gauge the level of the municipalities program performance and compliance, KDHE has established a point-based system that shall be met in order to remain in compliance with the issued permit. Staff has reviewed the City's existing program and calculated the points of the BMPs that are currently being conducted to see where we stand with being compliant. The attached document is a quick synopsis of our current efforts. Out of the seven areas being evaluated three are compliant, two are noncompliant and two are compliant this year but will fall short when the point requirements increase in 2023. City staff shall continue to evaluate the permit requirements and develop a strategy on how best to proceed to bring the City's storm water program up to an acceptable level with the permit mandates.

Memo

TO: City Commission

FROM: Dean Grant, Director of Public Works

CC: Department Heads

DATE: April 16, 2020

SUBJECT: Lift Stations Replacement/Rehab of #1, #2, #3, #5, #7 and #15

BG Consultants will be at the April 22nd commission study session to discuss the replacement/rehab of lift stations #1, #2, #5 and #15.

Lift Station #1 (1836 Merchant St)

- Complete rebuild of the 1978 built facility (wetwell, pumps, electrical switchgear, odor control, etc)
 - Portable Generator with manual transfer switch
 - Tying piping together to have one inlet line
 - SCADA monitoring thru a fiber connection
 - Infrastructure for a future debris screen and space for a future 3rd pump
- Design ~\$122,750.00 (SRF)
- Construction ~\$1,325,000.00 (SRF)

Lift Station #2 (1304 East St.)

- Complete rehab of the 1978 facility (line concrete wetwell, pumps, electrical switchgear piping, odor control, etc)
 - Mounted generator with automatic transfer switch
 - Debris screen
 - SCADA monitoring thru a fiber connection
- Design ~\$135,500.00 (SRF)
- Construction ~\$1,630,000.00 (SRF)

Lift Station #3 (1042 Whilden St. behind 1060 Sunrise)

- Line concrete wetwell
 - Replace pumps
 - Rehab/replace interior piping
 - Upgrade electrical panel
 - SCADA monitoring thru a fiber connection
- Design ~\$12,500.00 (WW Fund CIP)
- Construction ~\$150,000.00 (SRF or WW Fund CIP)

Lift Station #5 (99 B Cherokee Ln. Lincoln Village East)

- Line concrete wetwell
- Replace pumps and electrical panel (1998)
- Rehab/replace interior piping
- SCADA monitoring thru a fiber connection
 - Design ~\$10,000.00 (WW Fund CIP)
 - Construction ~\$175,000.00 (SRF or WW Fund CIP)

Lift Station #7 (2042 Fanestil Dr.)

- Replace electrical panel
- Rehab/replace interior piping
- SCADA monitoring thru a fiber connection
 - Design ~\$10,000.00 (WW Fund CIP)
 - Construction ~\$150,000.00 (SRF or WW Fund CIP)

Lift station #15 (3200 W. 18th Ave EHS tennis courts)

\$100,000.00 was budgeted in the WW Fund CIP for 2020. After talking with Mike Dvorak and personnel in Underground Utilities, I was informed that the lift station has issues with overflows. The wetwell, which stores the raw sewage for the pumps to pump, is approximately 4 feet in diameter and approximately 6 feet deep and overflows to the creek when there is a problem with the pumps. A new lift station will allow for a larger wetwell, and help prevent overflows to the creek.

- Rebuild the 1993 facility (possibly on the south side on 18th Ave)
 - Deeper wetwell (for more capacity), new pumps, electrical, grease control equipment, etc
- SCADA monitoring thru a fiber connection
 - Design ~\$50,100.00 (WW Fund CIP)
 - Construction ~\$500,000.00 (SRF)