

**RECORD OF PROCEEDINGS  
OF THE UTILITY ADVISORY COMMISSION  
GARDNER, KANSAS  
Page No. 2024-13  
August 1, 2024**

The Utilities Advisory Commission of Gardner, Kansas, met in Regular Session on August 1, 2024, at City Hall. Present were Chairperson Barbara Coleman, Commissioner Nate Plahn, Commissioner Christopher Jackson, Commissioner Russell Wohler, Utilities Department Director Gonzalo Garcia, Utilities Specialist Erin Groh and three staff members from Burns and McDonnell. Vice Chairperson Bryce Augustine was not in attendance.

**CALL TO ORDER**

The meeting was called to order at 7:00 p.m. by Chairperson Barbara Coleman.

**CONSENT AGENDA**

1. **Standing approval of the minutes as written for the July 11, 2024, meeting of the Utility Advisory Commission.**

Motion by Commissioner Plahn, seconded by Commissioner Wohler, to approve the Consent Agenda.

Motion carried 4-0 Aye

**NEW BUSINESS**

1. **Consider a recommendation to the City Council to award a Progressive Design Build Contract for the Hillsdale Water Treatment Intake Structure Project, CIP Project No. WA2203.**

Director Garcia presented the staff report. On January 4, 2019, the Utilities Department advertised the Request for Qualifications for the Progressive Design-Build Services for the Hillsdale Water Treatment Plant Expansion Project. On February 8, 2019 Statements of Qualifications from three (3) Design Build Teams were received and reviewed. At this time the Selection Committee determined that all three entities would be interviewed on February 20, 2019. Upon completion of those interviews the Selection Committee unanimously choose the Joint Venture Group of Burns & McDonnell to move forward with contract discussions for the design and construction of the proposed 2 MGD expansion of the Hillsdale Water Treatment Plant. The project was successfully completed by the Joint Venture Group and been in operation since 2021.

The Hillsdale Water Treatment Plant Intake Structure project can be looked as another step in the expansion process of the Hillsdale Water Treatment Plant and the overall operation and distribution of the City of Gardner's water system. The Joint Venture Group provided proposal for the Intake Structure project and it was determined that the Joint Venture Group was best suited for this project with the expertise of the intake structure, raw water transmission main improvements and treatment improvements made in the Hillsdale Treatment Plant Expansion project. Through that project, the Joint Venture group navigated the permitting process and created relationships with the major stakeholder for this project, the U.S. Army Corp of Engineers (USACE), in which a lengthy permitting process will be required.

The Progressive Design project will consist of but not limited to the design, construction, permitting, electrical, controls, pumping evaluations/selections, installation of new connections to the raw water transmission mains, structures and other improvements at the Hillsdale Lake Intake site. The existing intake is limited to 5.9 MGD; these improvements will allow for the expansion of the treatment plant to meet future needs and a maximum build out of 12MGD of water to be treated at the Hillsdale Water Treatment Plant. Garcia felt that Burns and McDonnell has a long history of working with the U.S. Army Corps of Engineers and vast experience which is why they were chosen to take on this project.

Jake White, Burns and McDonnell engineer and client manager, discussed the need for the project and fielded questions. He discussed the need for reliability and redundancy. He said that the intake has a potential for failure and the possibility of failure needs to be minimized as much as possible. Driving down the capital cost initially is important and to have the flexibility for pumps to get the plant up to 12 mg/d are some of the goals. The plant has 5.9 mg/d being pumped right now but they are wanting to have the plant meet the city's long term needs as well. Chairperson Coleman asked what will happen to the current intake. White said that it most likely will be abandoned or demolished, but guessing it will be demolished. Coleman also asked what the timeframe is for the build-out. White said that the permitting may take 6-9 months and construction could take roughly 24-36 months but that the main driver is supply chain issues. Coleman asked if what we have will be sufficient in the time we are waiting for it to be built and Garcia said that he thinks we will be okay within the timeframe.

Motion by Commissioner Plahn, seconded by Commissioner Jackson, to approve a recommendation to the City Council to award a Progressive Design Build Contract for the Hillsdale Water Treatment Plant Intake Structure Project, CIP Project No. WA2203 to the Joint Venture group of Burns and McDonnell and CAS Constructors, LLC not to exceed the budgeted \$759,952.00.

Motion carried 4-0 Aye

**DISCUSSION ITEMS**

**1. Electric Indexes as of the end of July 2024.**

Director Garcia discussed the Electric Reliability Indexes for January to the end of July 2024.

APPA Reliability Indexes

	SAIDI (Minutes/Year)	CAIDI (Minutes/Year)	ASAI (% based on year)	MAIFI (Interruptions per year)	SAIFI (Interruptions per year)	Customers Affected	Interruptions Per Mile (150.8 Miles)
<b>Target</b>	< 90 minutes	< 100 minutes	≥ 99.98 %	<0.5	<0.7		
<b>2021</b>	107 minutes	230 minutes	99.98 %	0.0012	0.2889	8947	317.84
<b>2022</b>	41 minutes	97 minutes	99.99 %	0.0049	0.1658	9181	409.18
<b>2023</b>	21 minutes	39 minutes	99.99 %	6.391	0.5430	5004	30.51
<b>January 2024</b>	1 minute	91 minutes	99.99 %	0.0000	0.0110	104	0.68
<b>February 2024</b>	3 minutes	18 minutes	99.99 %	0.0113	0.1530	1461	9.28
<b>March 2024</b>	0 minutes	51 minutes	99.99 %	0.0011	0.0001	1	0.006
<b>April 2024</b>	0 minutes	75 minutes	99.99 %	0.0000	0.0010	10	0.066
<b>May 2024</b>	9 minutes	29 minutes	99.97 %	0.0000	0.3260	3105	20.59
<b>June 2024</b>	5 minutes	27 minutes	99.98 %	0.0000	0.1900	1805	0.013
<b>July 2024</b>	0 minutes	67 minutes	99.99 %	0.2133	0.0009	1	0.006
<b>YTD</b>	19 minutes	27 minutes	99.99 %	0.2252	0.7090	6487	43.07

**ADJOURNMENT**

Motion by Commissioner Wohler, seconded by Commissioner Plahn to adjourn the meeting at 7:18 p.m.

Motion carried 4-0 Aye

/s/ \_\_\_\_\_ Erin Groh

Utilities Specialist  
City of Gardner Utilities Department