

HILMAR COUNTY WATER DISTRICT  
BOARD OF DIRECTORS MEETING  
November 17, 2020

Members present – Jim Jones, Jim Gerdes, David Anderson, Frank Hilliard and Joe Sequeira.

Members absent – None.

Public in Attendance – Mr. David Alvares, Jeff Larson – District Employee, Jonathon Sousa – District Employee and Mr. Stuart Spencer (via Zoom).

**Meeting – 11/17/20**  
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The meeting was called to order at 5:07 p.m. by President Jim Jones.

**Public Forum – None.**

**District Manager’s Report –** Curtis presented Jeff Larson, as our new operator and Jonathon Sousa, our lead sewer operator, who were in attendance.

**Directors Reports – None**

**Discussion Items –**

- a. **Master Plan Presentations -** Curtis stated this special meeting is being held to present the master plans. Black Water Consulting will be presenting the Wastewater Master Plan and QK Engineering will be presenting the Water and Storm Drain Master Plans.
  - i. Aja Verburg, Project Manager and Alison Furuya, Senior Engineer presented the Wastewater Master Plan from Black Water Consulting. They provided the scope of the Wastewater Master Plan. They reviewed the historical data, and evaluated the collection system and wastewater treatment facility. A hydraulic model was developed of the collection system and the results from the model projected capacity issues at various locations. They also looked at future expansion of the collection system. The wastewater treatment facility evaluation focused on permit compliance, safety, operation and maintenance, and required capacity for build-out flows. They provided a list of Capital Improvement Program projects for 2021-2025 for the Collection System and the Wastewater Treatment Facility.
  - ii. Sean Pinkston of QK Engineering, under the direction of Spencer Supinger, presented the Water Master Plan. He provided a breakdown of immediate, short term and long term development areas. A summary of the existing system reflects 2 working wells, providing a total capacity of 3,850 gallons per minute. He also provided a breakdown of well capacity vs water demand and based on this breakdown, the short and long term projections put our water capacity in a deficit. They also analyzed the water quality in particular arsenic and treatment.

- An arsenic treatment cost comparison breakdown was provided along with an immediate, short term, and long term list of Capital Improvement Projects.
- iii. Ramiro Marquez of QK Engineering, under the direction of Spencer Supinger, presented the Storm Drain Master Plan. He provided a summary of existing system improvements of the East and West side storm drain system. He also provided a model of future drainage system design. He provided a breakdown reflecting replacing aging infrastructure in two phases. A Capital Improvement Projects list was provided reflecting immediate, short term and long term future needs for the drainage system.

Curtis Jorritsma thanked Black Water Consulting and QK Engineering staff for the great presentations. He requested, if anyone had any comments/questions to contact him within the next week. The Master Plans will be on the December agenda as an action item.

There being no further business the meeting was adjourned at 6:30 p.m.

Respectfully Submitted,

*Tina Borgs*

Approved by:

*Jim Jones*

Board Member

*12-1-20*

Date