

MANAGER'S REPORT
July 2022

I. 2022 EXTREME HEAT AND DROUGHT CONDITIONS:

1. Catastrophic Events in June & July 2022:

- a. Extremely turbid raw water in Oologah Lake, very difficult to treat
- b. Lake levels, water quality, temperature, fluctuating weekly
- c. Emergency drain and clean of East Foyil Water Tower on 06/10/22
- d. Major water line break at the Spillway on 06/11/22
- e. Second major water line break at the Spillway on 06/12/22
- f. Major water line break on Owalla Road, Foyil Area, on 06/15/22 (Contractor)
- g. Major water line break on 76th Street, Owasso Area, on 06/16/22 (Contractor)
- h. Control valve failure at 76th Street, Owasso Area, on 06/16/22 (Delayed replacement parts) (Control of Miller Towers and supply in Owasso Area extremely difficult)
- i. Two (2) VVEC transformer failures at Tulsa Pump on 06/18/22
- j. Major break on State Highway 20, Keetonville Area, on 06/29/22 (Contractor)
- k. Higher usage due to extreme heat and grow houses
- l. Equipment and replacement parts extremely hard to get with extremely long lead times
- m. Newer City-Type Developments trend to irrigate more than traditional rural customers

2. District Responses to Catastrophic Events:

- a. Since November 2021 District has spent or scheduled to spend ~\$550,000 (Generators, Repairs, Spare Parts, Pumps & Motors, AC units, and VFDs)
- b. 24-hour plant operations
- c. Issuance of water / rationing schedule
- d. Startup of the Keetonville Pump Station and additional pressure zone
- e. Manual 24-hour operation of the 76th St. control valve
- f. New procedure/policy moving from double layer of redundancy to triple layers of redundancy on critical equipment and materials.

3. Future Plant and Water System Improvements:

a. Tacora Water Treatment Plant Upgrade (Filters, Actiflo, Chemical, & Control Upgrades)	\$8,000,000
b. Tacora Water Tower (2.0 mgal)	\$8,000,000
c. Keetonville Water Tower (1.5 mgal)	\$6,700,000
d. Keetonville Hill 14" Water Line	\$660,000
e. Tacora Hills 18" Water Line	\$630,000
f. Clearbrook 12" Water Line	\$462,000
g. West Foyil 12" Supply Water Line	\$1,425,000
h. Lipe Pump Station 12" Supply Water Line	\$105,000
i. Contingency, R/w, Engr., Inspect, Enviro, legal	<u>\$4,192,000</u>
Total Estimated Cost:	<u>\$30,000,000</u>

4. Future Plant and Water System Improvements - Funding:

- a. \$30,000,000 OWRB, DWSRF Program, 30-year loan
- b. Request to be on OWRB's DWSRF priority list
- c. Anticipated interest rate ~5.0%
- d. Anticipated month rate increase of ~\$10 to \$15 per month per customer

II. DISTRICT PROJECTS:

1. Tulsa Pump Station:

- a. Generator purchase, equipment only from Clifford Power for \$75,553.00, scheduled to be delivered between anywhere between the end of May and the end of June.
- b. Installation of new VFDs (3) and 150 HP (1) complete

c. Generator installed today 07/12/22

2. **Tacora Sludge Removal Project:**
 - a. Estimated Cost of \$150,000
 - b. One (1) Bid received on January 5, 2022 as follows:
 - i. Sandyland Environmental in the amount of \$155,000.00
 - c. Award Bid to Sandyland Environmental in the amount of \$155,000.00
 - d. [Anticipate completion by July 2022, waiting on ODEQ permit.](#)
3. **Water Tower Inspection:**
 - a. ROV inspection: Miller 1, Miller 2, Tacora, Keetonville, Woodcrest, East & West Foyil
 - b. Luckinbill quote \$7,400.00
 - c. [Currently 95% complete as of 06/10/22](#)
 - d. [Emergency repairs to: Keetonville Tower, Miller South Tower, and Bushyhead Tower complete](#)
4. **East Foyil and Bushyhead Water Line Project:**
 - a. Bushyhead: S. 4210 Rd., E. 394 Rd., & E. 395 Rd., total of ~6,570 lf, serving ~8 residences
 - b. Bushyhead: S. 4218 Rd., E. 390 Rd., total of ~3,930 lf, looping and removing 3 dead ends
 - c. East Foyil: S. 4240 Rd., total of 3,030 lf, pump station, serving ~15 residences
 - d. East Foyil: S. 4215 Rd., total of 4,104 lf, pump station, serving ~10 residences
 - e. Estimated total project cost of \$954,000
 - f. [Rogers County approved ARPA funds in the amount of \\$238,475.00](#)
 - g. [Application submitted for CDBG in the amount of \\$476,950.00](#)
 - h. District funding in amount of \$237,575 (Assuming ARP funds) \$476,050 (Assuming NO ARP funds)
5. **Tacora Water Treatment Plant:**
 - a. [Veolia quote for water plant replacement and spare parts for \\$136,452.66](#)

III. DEVELOPMENT PROJECTS AND WATER LINE EXTENSIONS:

1. McKnight Farms at Preston Lakes – Owasso Area – 127 Lots:
 - a. Water lines to be eight-inch and six-inch
 - b. Submitted to ODEQ for permitting
 - c. Anticipate construction Summer of 2022
2. The Coves at Stone Canyon – Phase I – 70 Lots:
 - a. All water lines to six-inch (6”) HDPE
 - b. Kellogg Engineering is the project engineer
 - c. Anticipate construction Summer of 2022
3. Hawthorne II at Stone Canyon – 78 Lots:
 - a. All water lines to six-inch (6”) HDPE
 - b. Kellogg Engineering is the project engineer
 - c. Preliminary Board approval pending execution of Std. District Policies & Procedures
 - d. Anticipate construction Fall of 2022
4. Summit East – 59 Lots:
 - a. Keetonville Hill Area along New State Highway 20
 - b. All water lines to eight-inch (8”) PVC and 12” PVC off-site water line
 - c. Kellogg Engineering is the project engineer
 - d. Preliminary Board approval pending execution of Std. District Policies & Procedures
 - e. Anticipate construction Fall of 2022

5. Summit West – 130 Lots:
 - a. Keetonville Hill Area along New State Highway 20
 - b. All water lines to eight-inch (8”) PVC and 12” PVC off-site water line
 - c. Kellogg Engineering is the project engineer
 - d. Preliminary Board approval pending execution of Std. District Policies & Procedures
 - e. Anticipate construction Fall of 2022

6. Woodlands at Elm Creek – 50 Lots:
 - a. Owasso area at N. 161ST E. Ave. approximately ¼ mile south E. 106Th St. N.
 - b. All water lines to eight-inch (8”) PVC and 8” PVC off-site water line
 - c. Preliminary Board approval pending execution of Std. District Policies & Procedures
 - d. Water Line Construction Plans currently under review

7. Pending / Stalled Developments:
 - a. Hawk’s Landing – [Under construction](#)
 - b. Key’s Landing II – [Under construction](#)

IV. WATER AUDIT AND WATER LOSS STUDY:

1. Currently working on Bushyhead and East Foyil Pressure Plain / Zones
2. Anticipate first round of water loss comparison in the Fall of 2020
3. Started engineering and planning to separate Tacora System into 4 additional zones
4. Anticipate the installation of 1-12” meter, 2-8” meters, and 2-6” meters
5. Total of 8 zones upon completion, 9 zones when Bushyhead Project is complete

V. MONTHLY OPERATIONAL REPORT:

1. [MOTION – Appoint John Rhoten for Board Member position of Secretary of R W D #3](#)
2. [MOTION – Acceptance of CDBG Administrative Services Contract between Grand Gateway Economic Development and Rural Water District #3 Rogers](#)
3. [MOTION – Acceptance of Interlocal Cooperation Agreement between the Rogers County Board of Commissioners and Rural Water District #3 Rogers](#)
4. [MOTION – Transfer of funds from RCB Revenue Account to First Bank of Owasso Money Market Account in the amount of \\$1,500,000.](#)