

# WATER: 10-YEAR ACTION PLAN

Total Infrastructure Investment \$1,164,500



*EJ Water will ensure “Witt” remains on the water tower with our new partnership.*

## WATER UTILITY COMMITMENT

### Phase 1 (0-5 Years) = \$749,500

#### Investments are as follows:

\$300k | Complete Phase 1 (DCEO Project) | Bringing EJ Water to City of Witt while assuming that debt

- Assist in retiring old water plant. The City will own buildings and grounds thereafter.
- Cap wells to meet IEPA regulations and requirements.
- Flush out entire distribution system with new softened water.

\$192k | Assume debt from newly installed Zenner smart meters

\$20K | GPS water mains, hydrants, valves, and meters

\$50K | Bring all meters outside residents' homes (25 Estimated)

\$15K | Inspect water tower & pressure wash (Inside & Out)

\$15K | Valve/Hydrant Replacement Program

\$50K | Construct water mains to eliminate service lines in town

- Install meters in front of houses instead of a block away

\$7.5K | Apply for PPG Grant (\$30K) to evaluate flow/pressure & water lines | 75% Grant

\$100K | Phase 2 DCEO Grant (Replacing Water Mains) | \$650k Project/\$550k Grant

### Phase 2 (6-10 Years) = \$415,000

#### Investments are as follows:

\$100K | Phase 3 DCEO Grant (Replacing Water Mains) | \$650k Project/\$550k Grant

\$100K | Phase 4 DCEO Grant (Replacing Water Mains) | \$650k Project/\$550k Grant

\$15K | Inspect Water Tower & Pressure Wash (Inside & Out)

\$200K | Paint Water Tower - Inside & Out (Life Expectancy 20yr)

\* All upgrades and investments are contingent on access and ability to acquire grants.

\* Numbers are a verified but estimated project cost.

# WASTEWATER: 10-YEAR ACTION PLAN

Total Infrastructure Investment \$850,000

## WASTEWATER UTILITY COMMITMENT

### Phase 1 (0-5 Years) = \$542,500

#### Investments are as follows:

\$7.5K | Apply for PPG Grant (\$30K) to video wastewater lines | 75% Grant

\$100K | Phase 1 (WW Collection) DCEO Grant for replacing collection system (\$650K Project/\$550K Grant)

- Finalize the project the Water Committee started

\$20K | Purchase backup pumps for lift stations

\$50K | Purchase generators for lift stations

\$10K | Remove all aeration grid, clean/replace diffuser tubes, and O&M

\$50K | New control panels for lift stations | Electrical work (3 Stations)

\$25K | Monitoring system (SCADA) for lift stations/treatment facilities

\$50K | Processing equipment/treatment facility

- Replace all 3 blowers and controls
- Electrical work, valve work, pest control, and pulling pumps

\$30K | Refurbish 5hp lift station (Only if DCEO funds are not applicable)

\$100k | Clean/Jet entire wastewater collection system

\$100K | Phase 2 (WW Collection) | DCEO Grant for replacing collection system (\$650K Project/\$550K Grant)

### Phase 2 (6-10 Years) = \$307,500

#### Investments are as follows:

\$7.5K | Apply for PPG GRANT (\$30K) to video wastewater lines | 75% Grant

\$100K | Phase 3 (WW Collection) DCEO Grant for replacing Collection System (\$650K Project/\$550K Grant)

\$100K | Phase 4 (WW Treatment) DCEO Grant

- Refurbishing Processing Equipment/Lagoons/Filters (\$650K Project/\$550K Grant)

\$100K | Every 5-7yr Clean/Jet out collections system (Ensuring functionality and reliability)

\* All upgrades and investments are contingent on access and ability to acquire grants.

\* Numbers are a verified but estimated project cost.