AGENDA

- Key Accomplishments to Date
- Process Implementation
- GIS
- Project Updates
- Immediate Needs
- Discussion/Questions
Key Accomplishments to Date

- RFQ’S were received and 2 engineering firms were selected by the Water and Sanitation Districts. Fishbeck on the water side and Prime on the Sanitation side.
- Created 90-day goals
- New billing software purchased and Implemented
- QGIS and GEOSYNC CLOUD Implementation.
- 1500 meters GIS Mapped
- Leak Mapping on GIS
- Kept reservoir levels up while battling pump issues
Key Accomplishments to Date

- Master Meter Zones Identified
- Water Loss Control Implementation
- Critical Operational Equipment for Regulatory Compliance and Leak Detection
- Developed Meter Reading and Billing SOP
- Developed WTP and WWTP SOP’s
- Installed 2nd pump at Turkey Booster Station
- Purchased New Trench Box for Safe Excavation
- New Pump at Meathouse Booster Station
- Repaired broken valve
Key Accomplishments to Date

- Replaced Ceiling Tile and Lighting in Plant Lab
- Installed New Booster Station Building at Cassell Branch
- **Purchased New Booster Station Building for Meathouse Booster Station**
- 3 Trucks brought from Alliance Water Resources and Provided for District Use
- Repaired the District Excavator and Purchased New Tracks
- Repaired District Dump Truck for Use During Leak Repairs
Key Accomplishments to Date

- Fixing Hydraulic and System Issues the Right Way
- 8 Newly Acquired Licenses in the District
- Installed a new valve on ST RT 2032 to isolate a problem area in Wolfcreek area
- Inventory Control Program
- Graveled Access Road for Clearwells
- Pump Redundancy at 292 Booster Station
- New Pump at Buffalo Horn Booster Station
STANDARD OPERATING PROCEDURES

- METER READING AND BILLING SOP
- WATER LOSS CONTROL PROGRAM
- THEFT OF WATER
- MARTIN CO. WTP OPERATIONS AND COMPLIANCE
- TUG VALLEY WWTP OPERATIONS AND COMPLIANCE
- INEZ WWTP OPERATIONS AND COMPLIANCE
GIS LIVE DEMONSTRATION

- Erica Bogenpohl, PE, GISP - Utilities Engineer and GIS Specialist
Contract 113-19-02
RWI & WTP Improvements

**Status:**

- Bids for the project rebid were opened on April 13th.
- **Summary of Bids:**
  
  One Bid was received from Pace Contracting.
  
  Base Bid: $3,858,387
  
  Base Bid plus Additive Alternates: $4,003,722

- The combined bids for the RWI/WTP Project and the Waterline Replacement Project in the Beauty/Lovely Areas exceeded funds available for construction.

- District will defer Water Line Replacement in the Beauty/Lovely Areas until a later date and use the funds budgeted for this project for improvements at the RWI/WTP. AML has given conditional approval for this plan pending OSMRE concurrence. The USACE has also granted approval.

- A letter awarding the project to Pace Construction in the amount of $3,473,426 and subject to concurrence of all state and federal agencies was sent to Pace on July 9,
Contract 113-19-03 Mainline, Service Line, Meter Replacement in Beauty/Lovely Areas

- **Status**
  - Bids for the project rebid were opened on April 13th.
  - Summary of Bids:
    - 3 Bids were received
    - Low Base Bid: $910,463.40
    - Low Base Bid plus Additive Alternates: $1,736,825.40
  - Due to overage on the RWI/WTP Project, the District intends to defer construction of this project to a later date and use the funds associated with this project for construction of the RWI/WTP Project.
  - The District is submitting funding requests in an effort to obtain funding to construct this project as soon as possible.
Contract 113-19-04
Mainline, Service Line, Meter Replacement

- Upgrades in the Lovely Area include the Replacement of:
  - Existing Mainline, Meters, Service Line, Valves & Hydrants
- Budget: $1,200,000
- Funding: Appalachian Regional Commission (ARC)
- Status:
  - Project is complete with the exception of installing a ladder in the master meter vault. Contractor is awaiting delivery of this ladder.
Contracts 113-19-05 & 113-19-06
USP Big Sandy, Eastern Kentucky Business Park & Big Sandy Airport Water Improvements

- **Upgrades Include:**
  - Construction of 250,000 Gallon Water Storage Tank, New 400 GPM Pump Station and telemetry
  - Upgrade of the Existing Davella Pump Station
  - Master Meter & Booster Chlorination
  - Telemetry

- **Budget:** $2,000,000

- **Funding:** Abandoned Mine Lands 2018 NEXUS

- **Status:**
  - At the request of the Martin County Water District, design of the project has been temporarily halted.
Contracts 113-20-02 and 113-20-03
Hunters Ln. & Rockhouse Creek Utility
Relocations

- **Upgrades Include:**
  - Relocation of existing waterline to facilitate construction of two new bridges for the KYTC Bridging Kentucky Program

- **Budget:** To Be Determined

- **Funding:** KYTC

- **Status:**
  - Developing project scope with Bizzack Construction and Alliance Resources. Construction scheduled for the 2021/2022 budget cycle.
KY 908 Guardrail Project

- **Upgrades Include:**
  - Relocation of existing 14” waterline along Route 908 to facilitate installation of new guardrail.

- **Budget:** To Be Determined

- **Funding:** KYTC

- **Status:**
  - Awaiting additional directive from KYTC.
IMMEDIATE NEEDS LIST FOR MARTIN COUNTY

- AMI/AMR METER READING SYSTEM
- GENERATORS FOR ALL CRITICAL INFRASTRUCTURE - FEMA GRANT APPROVED
- PUMP REDUNDENCY
- SCADA AND TELEMETRY UPGRADES FOR PLANT AND REMOTE SITES
- WATER LINE REPLACEMENT AT MULTIPLE LOCATIONS
- HIGH SERVICE PUMP REPAIRS/UPGRADES IN PLANT
- EQUIPMENT AND TRANSPORTATION
- INEZ WWTP REHABILITATION
- SAVE-A-LOT LIFT STATION REHABILITATION
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<th>No.</th>
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<th>Project Description</th>
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<td>1</td>
<td>WX21159013</td>
<td>Meter Replacement</td>
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<td>2</td>
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<td>Fixed/Portable Generator Project for RWI, 40E &amp; 40W Booster Stations 60 HP Motor Duplex Stations</td>
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<td>Telemetry/booster station upgrade at Route 292</td>
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<td>4</td>
<td>WX21159009</td>
<td>SCADA upgrade at WTP with VTSscada and Allen Bradley PLC's/System wide Telemetry upgrade, plant equipment/online turbidity meters, CL17, online fluoride meter bench top meter and high service pump VFD replacement</td>
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<td>5</td>
<td>WX21159020</td>
<td>Water line replacement at City of Inez, Blacklog Road Line Replacement from Turkey Creek 40E Booser Station, WTP to Turkey Creek, Old Route 3 from Inez to Millo, Coldwater Line Replacement</td>
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<td>Inez Sewer Line Replacement/lining/smoke testing</td>
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<td>WTP High Service Pump Replacement</td>
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<td><strong>TOTAL</strong></td>
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Questions?