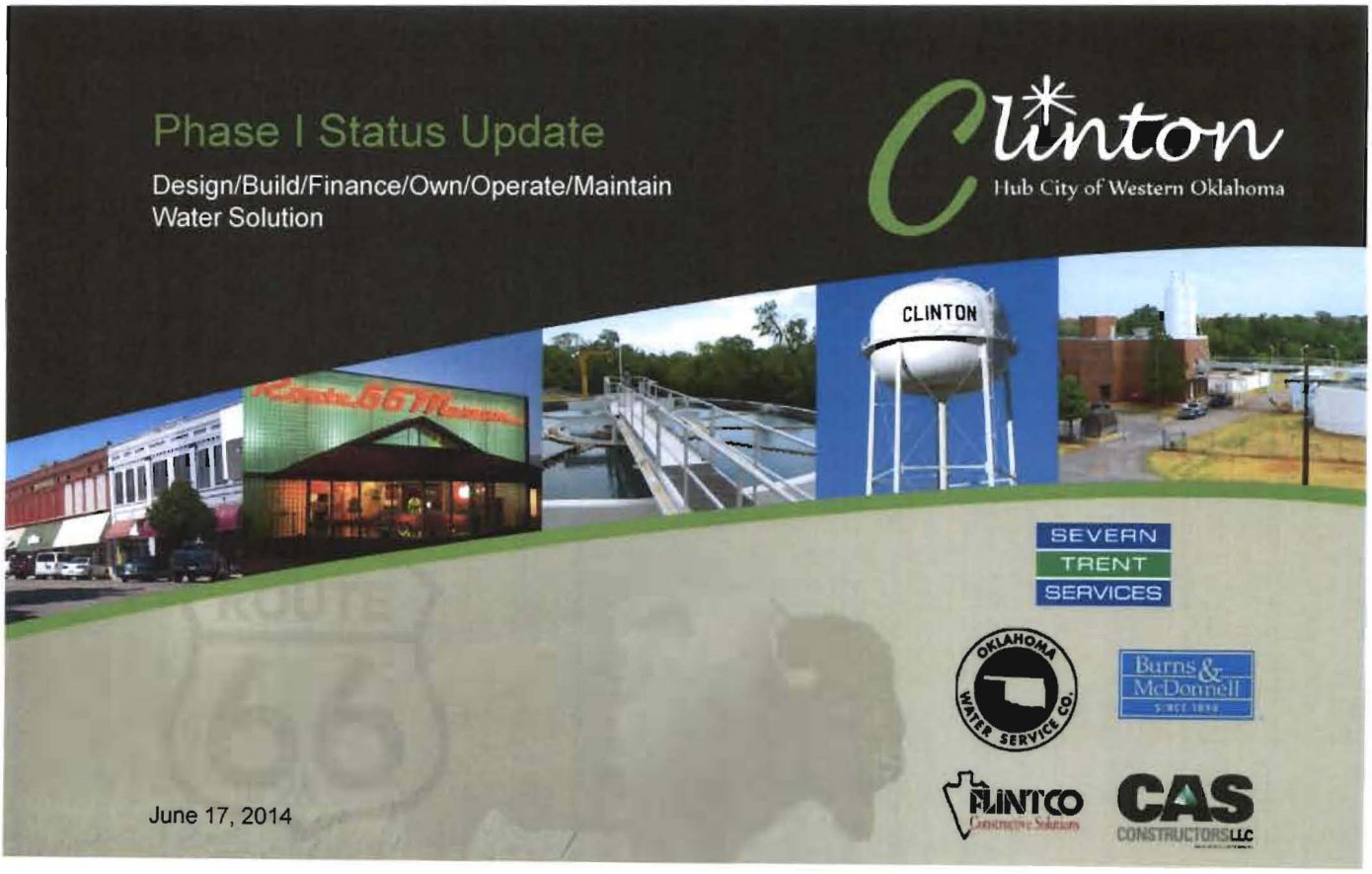


UNDERSTANDING
A VALUABLE RESOURCE

SEVERN
TRENT
SERVICES

Agenda

- Canute
- Golf Course Well
- Data Review
- Aquifer Investigation
- Design
- Report

Canute

- Resampling to confirm Nitrate levels
- New sampling protocol
  - 25-30 gpm
  - 48 hours pumping
  - Collect Nitrate samples each day and final sampling on 3rd day
  - Preliminary results week of 6/16

Canute

- Short term and long term treatment plan
- Delivery location, permitting and proposed schedule
- Pipeline routing plan and tie-in location
  - Burns Flat tie-in
  - Design and construction schedule

Golf Course Well

- Pump and motor failure
- Repairs Included
  - New 500 gpm pump
  - New column pipe
  - Meter
  - Control valve

Golf Course Well

- Water level transducers installed
- Downhole TV survey
- Well evaluation
  - Pump testing
  - Water quality

Data Review

- Data Collection and Review
  - Reports
  - Well logs pumping data
  - System maps
  - Water quality data
  - Water right information

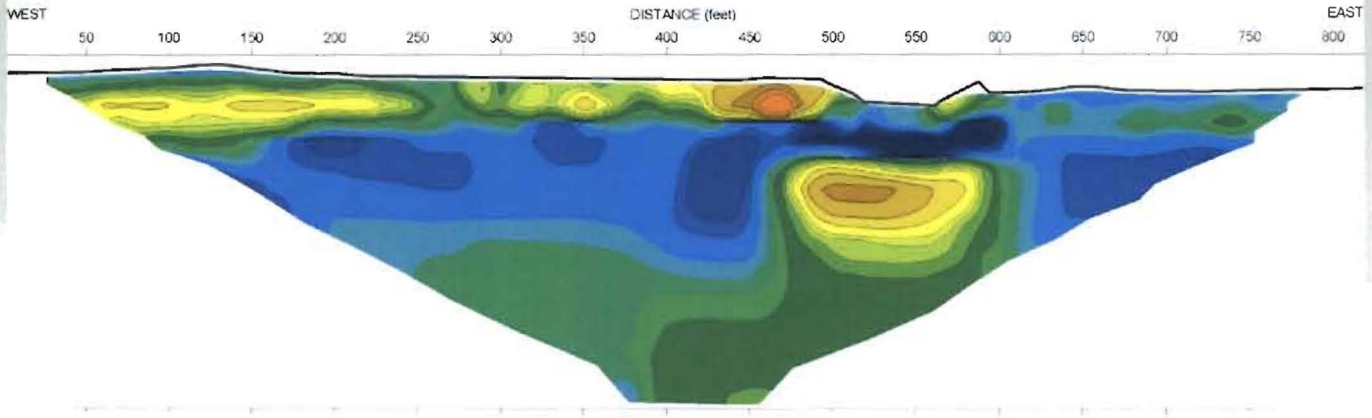
Regulatory Coordination

- June 2 - Meeting with ODEQ and OWRB
  - General project overview and direction
  - Outline of permitting process and timeline
- June 12 – Meeting with OWRB
  - Canute water rights
  - New water right development
  - Existing water rights

Aquifer Investigation

- Surface Geophysics
  - Alluvial
  - Rush Springs
- Geoprobes
  - Confirmation
- Test borings
  - Well design

Aquifer Investigation



Resistivity (Ohm-m)

Scale
0
60
120
180

Design & Permitting

- Well Field Preliminary Design
  - Well site selection
  - Pipeline route selection and sizing
- Clinton Lake WTP Improvements
  - Disinfection system
- Process Evaluation & WTP Preliminary Design
  - WTP site selection
  - Process selection

Design & Permitting

- Water right applications
  - ➢ Alluvial / Rush Springs
- Canute water line
- Distribution system hydraulic modeling
- Waste water reuse evaluation

Report

- Next Status Update: July 15th

Questions?