VB/I-70 OU2 CONSTRUCTION UPDATE

September 12, 2017
• All support columns installed
• Dewatering & Water Treatment on-going
• Excavated and removed brick pipe (Delgany Sewer)
• Coliseum Conduit construction
• Draft scorecard (handout)
• POLREP update
WHOLE EFFLUENT TOXICITY (WET) TESTING

• Describes the toxic effect of a water sample on aquatic organisms
  • Lethality
  • Impaired growth
  • Reproduction
• Clean Water Act permit requirement
• Sample take from the treated discharge
WHOLE EFFLUENT TOXICITY (WET) TESTING

- June 15, 2017
  - Demonstrated toxic effects to test species
  - Treated GLO water + potable Denver Water

- June 21, 2017
  - Three tests conducted:
    - Treated GLO water: Demonstrated no toxic effects to test species
    - Potable Denver Water: Demonstrated toxic effects to test species
    - Treated GLO water blended with Potable Denver Water: Demonstrated toxic effects to test species

- Conclusion is the toxic effect was from potable Denver Water that was blended with treated GLO water
WHOLE EFFLUENT TOXICITY (WET) TESTING

- Potable Denver Water is no longer used -- treated GLO water is filtered with Reverse Osmosis (RO) to reduce nutrients.

- June 26, 2017
  - Test of the RO system. Not GLO water or Denver Water.
  - Test demonstrated no toxic effects to test species

- July 6, 2017
  - Test demonstrated no toxic effects to test species
  - Treated GLO water + RO

- July 11, 2017
  - Test demonstrated no toxic effects to test species
  - Treated GLO water + RO