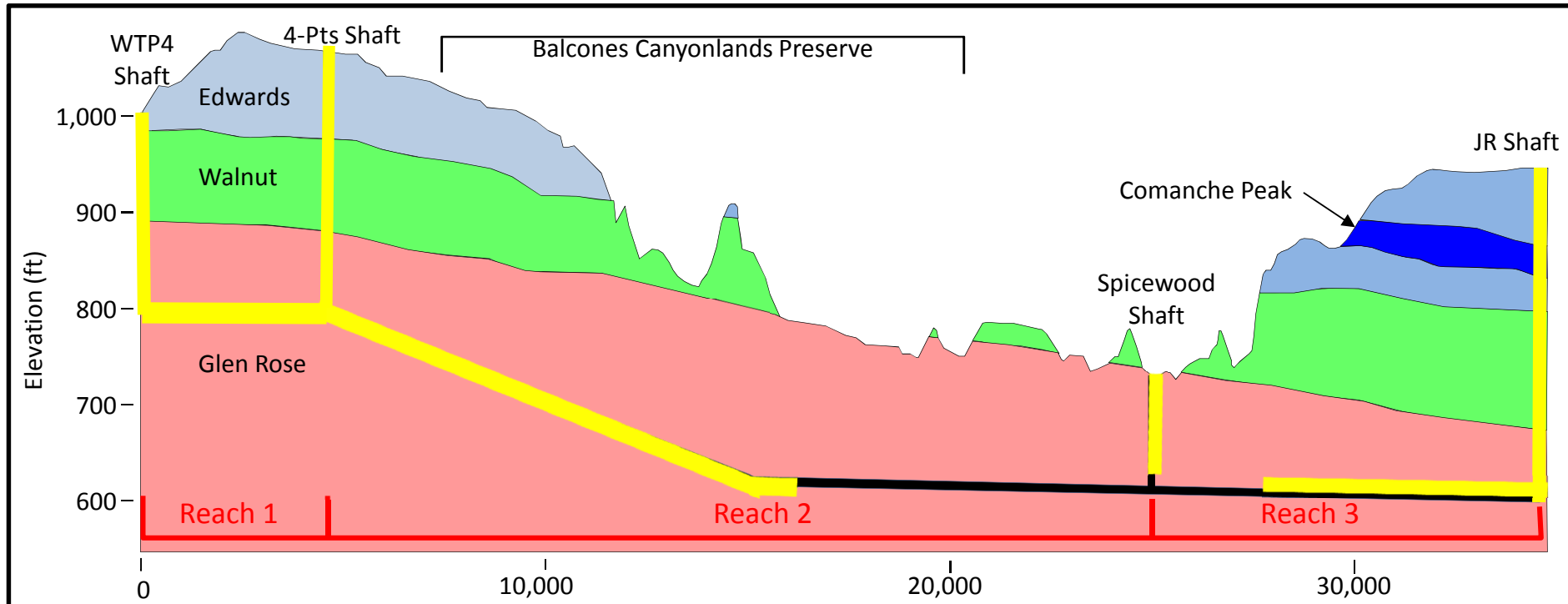


WTP4 – Jollyville Transmission Main

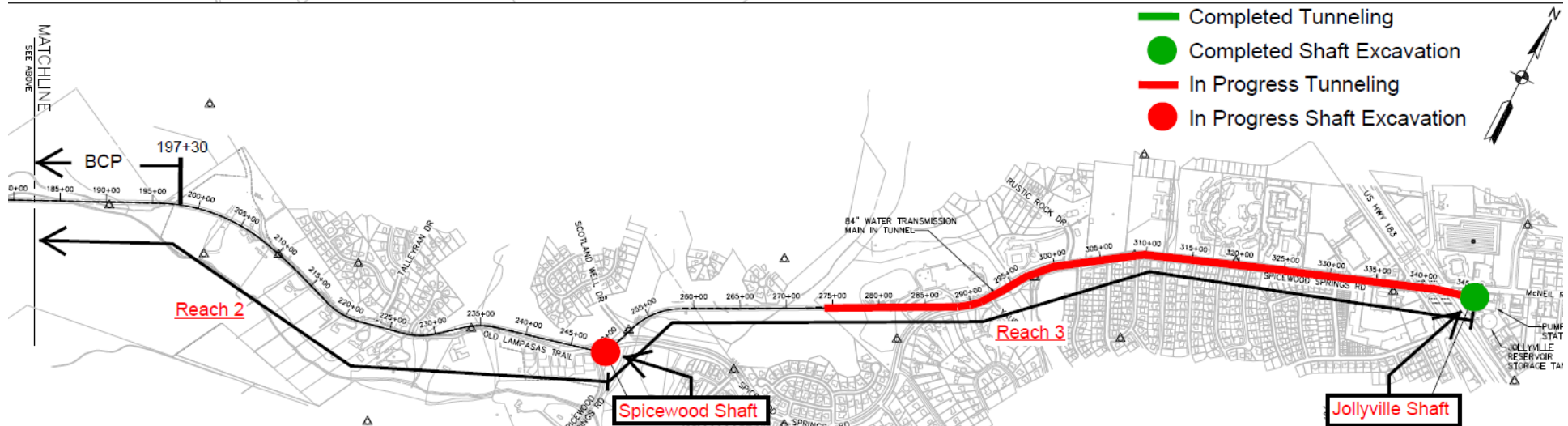
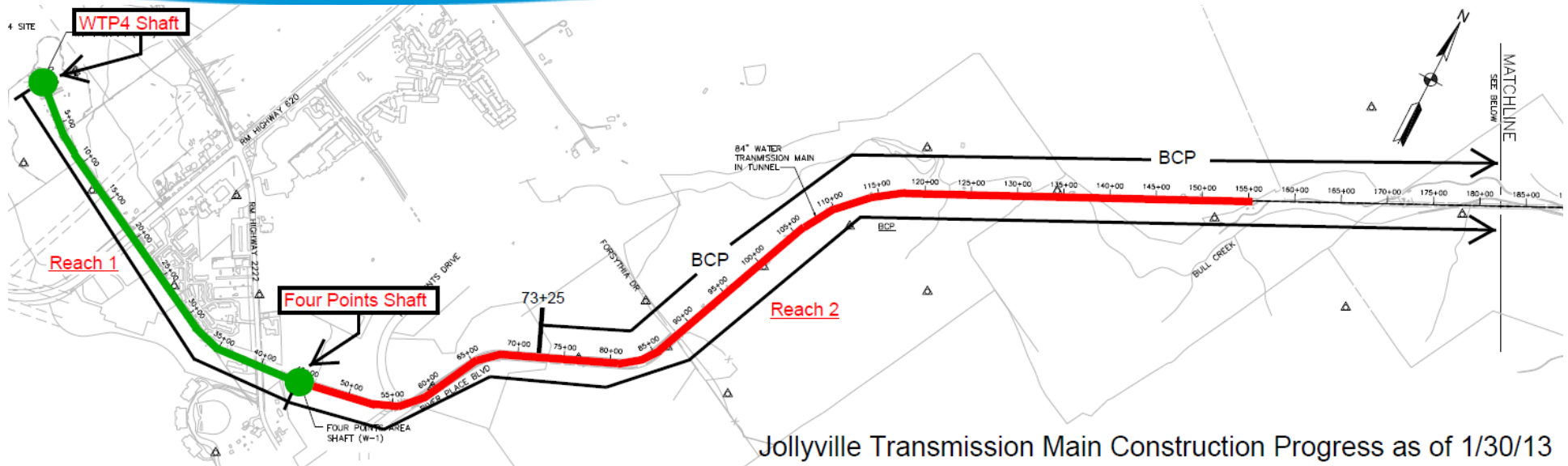
Monthly Briefing
Environmental Board
February 6, 2013



JTM Current Status (yellow) as of 1/30/13



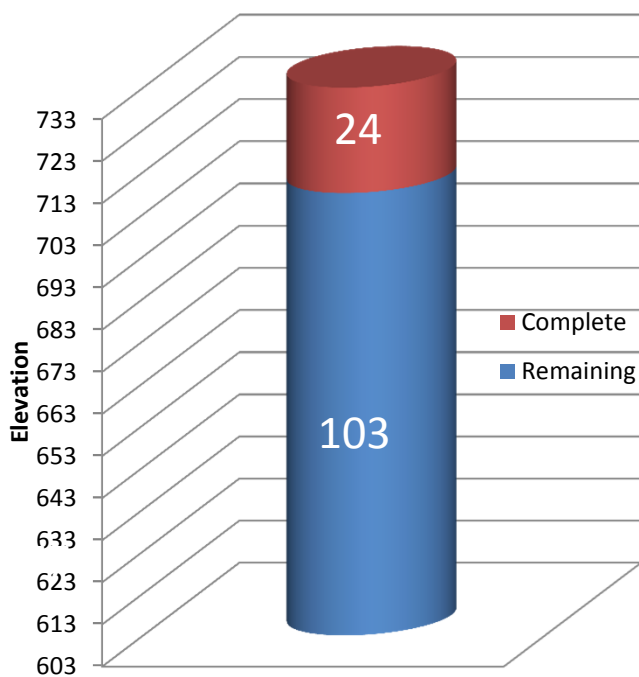
- Reach 1 is complete
- Reach 2 TBM is at STA 155+09
- Reach 3 TBM at STA 274+81
- WTP4 Shaft is complete
- JR Shaft excavation is complete
- Spicewood Shaft is at a depth of 120 ft



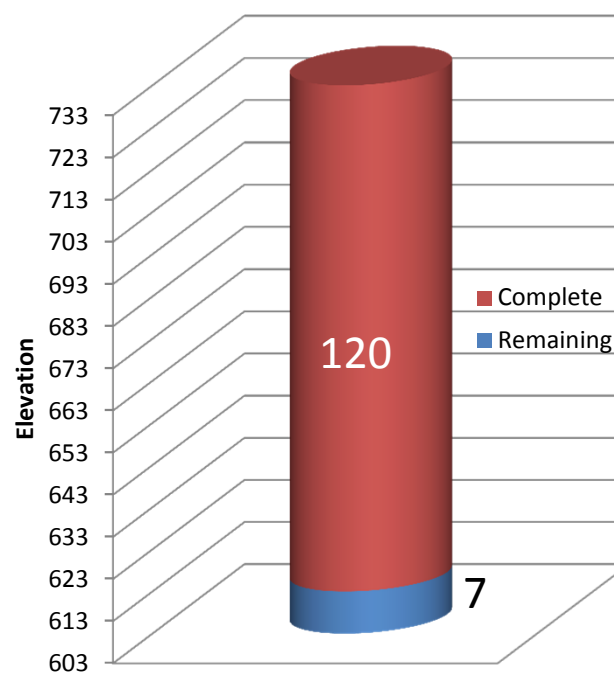
Construction Progress

Spicewood Shaft Excavation

October 17, 2012

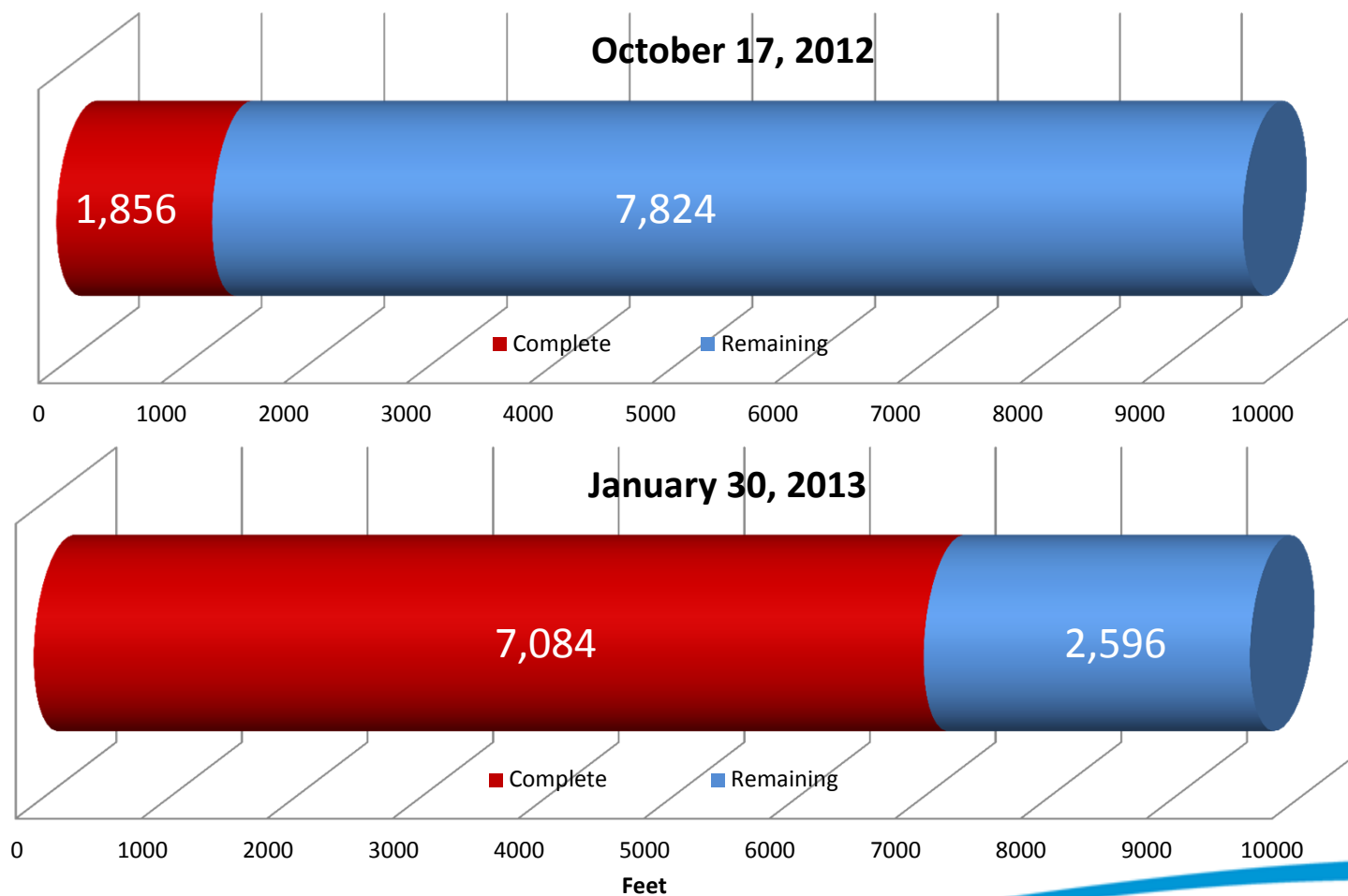


January 30, 2013



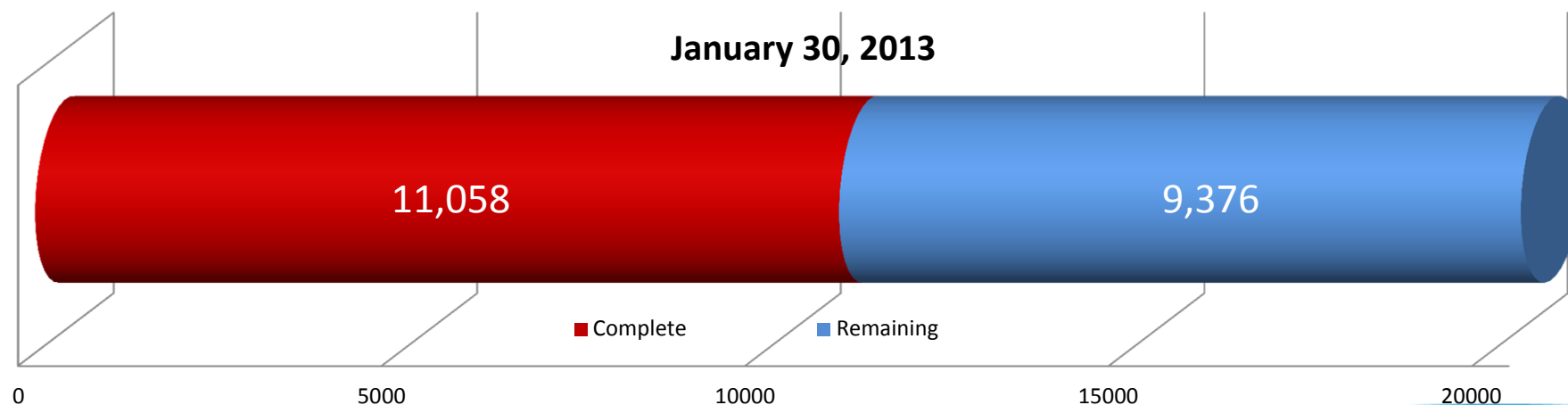
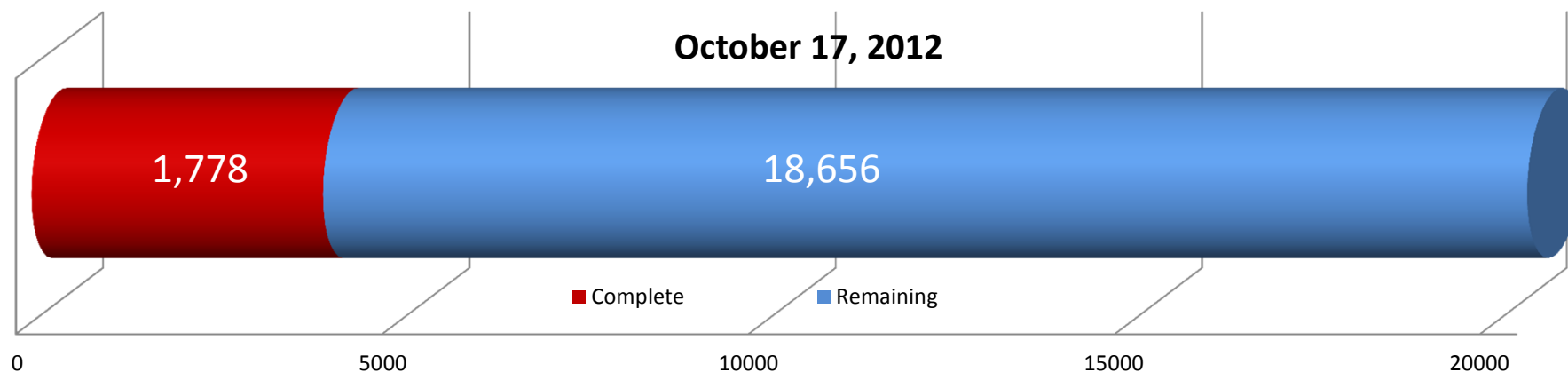
Construction Progress

Reach 3 Tunnel Excavation



Construction Progress

Reach 2 Tunnel Excavation





Spicewood Shaft Excavation



Reach 2 Tunnel

Jollyville Transmission Main

Projected Activities

- Reach 3 Tunneling thru March/April 2013
- Spicewood Shaft Excavation complete in early February 2013
- Reach 2 Tunneling thru June 2013



Tunnel and Shaft Inflows

- Reach 2 – < 0.10 gpm over 11,000 ft. of tunnel
- Reach 3 – no measurable inflow
- Four Points Shaft
 - 5 to 10 gpm
 - Vast majority from Glen Rose Formation
- Jollyville Reservoir Shaft
 - 20 to 25 gpm
 - < 10gpm from liner plate and remaining from Glen Rose Formation
- Spicewood Shaft
 - 2.0 gpm

Environmental

- Evaluation of features in Reach 2 performed by Pape Dawson December 17, 2012
- Features did not have the potential to support biology
- Report submitted to BCP Secretary



Reach 2



Reach 2



Environmental

- January rain event 3.1"
- Additional E&S controls added at Four Points in July 2012
- One spot still allowing sediment laden water through E&S controls
- All other shaft sites stable



WTP4 Cost



Project Budget

- Council authorized an additional \$15.5 million in funding under the CMR agreement on 12/6/2012
- Total CMR contract authorization not to exceed \$374.5 million
- An estimated \$13 million (3-4%) has been spent on environmental enhancements

Questions?

info@wtpfour.com

<http://austingo.austintexas.gov/departments/water>

**Water Treatment
Plant 4**

