



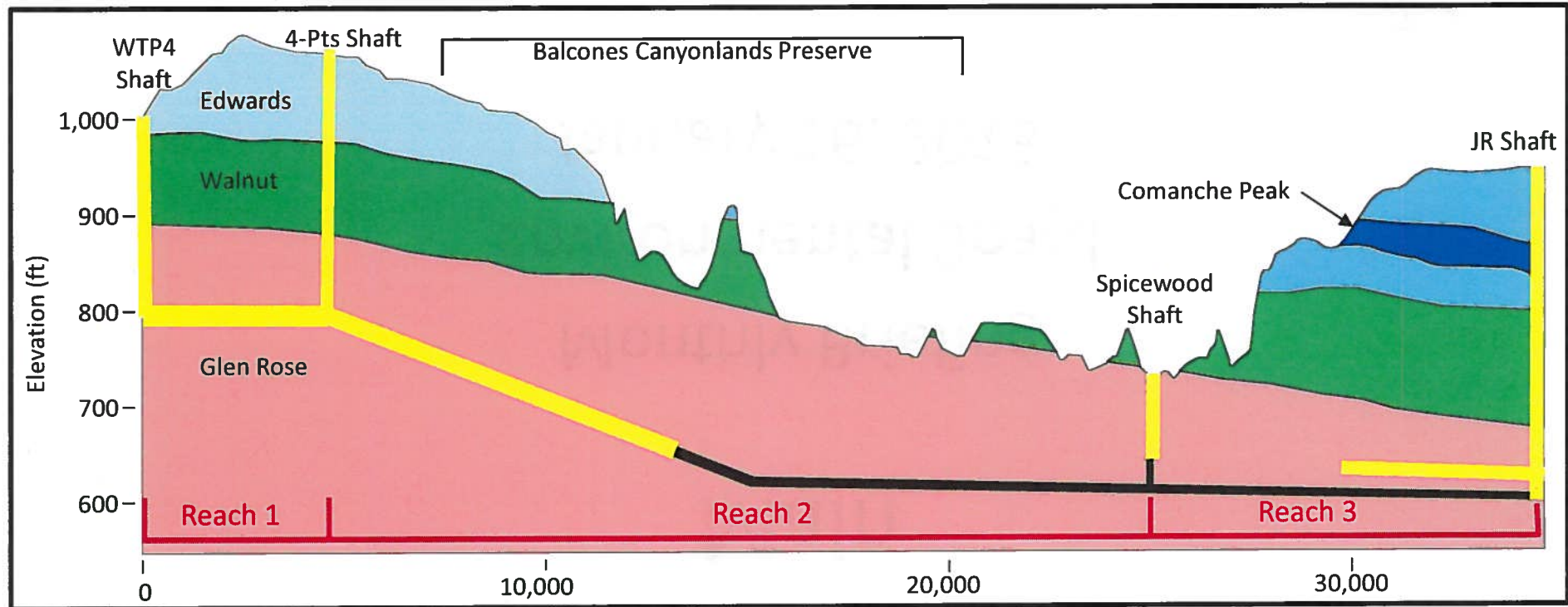
WTP4 – Jollyville Transmission Main

Monthly Briefing
Environmental Board
January 16, 2013

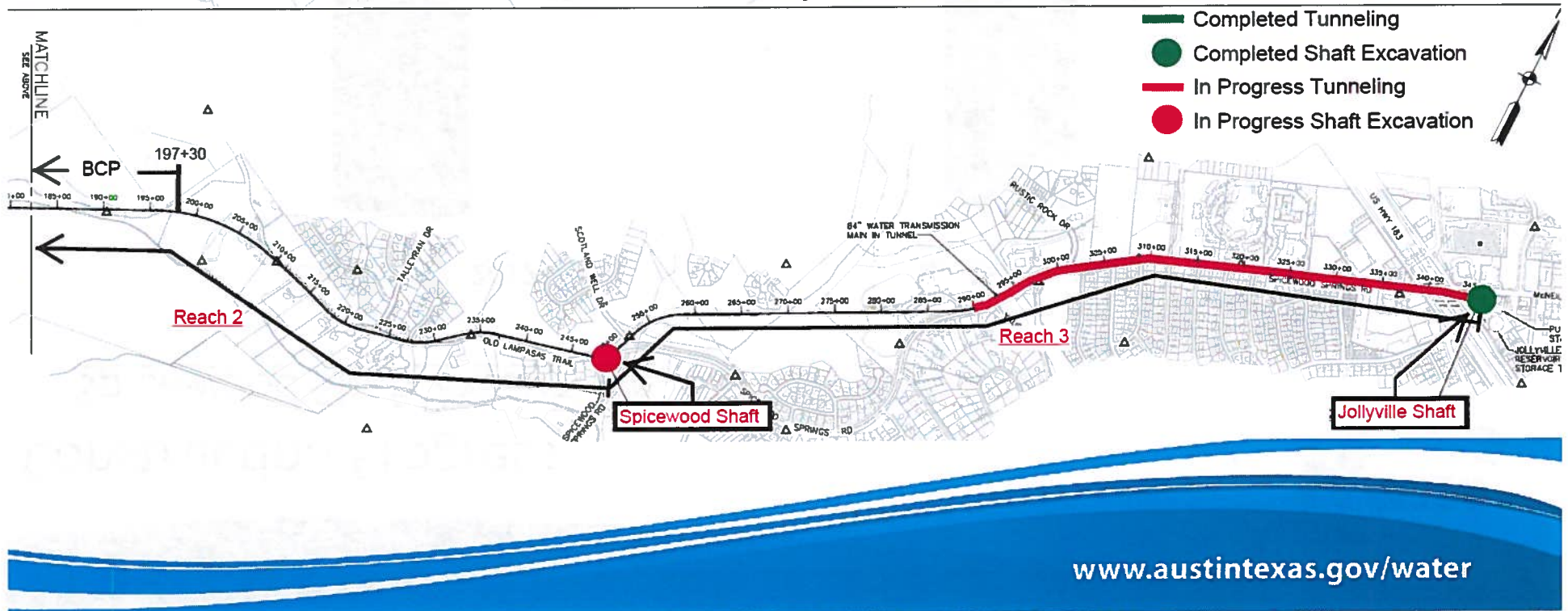
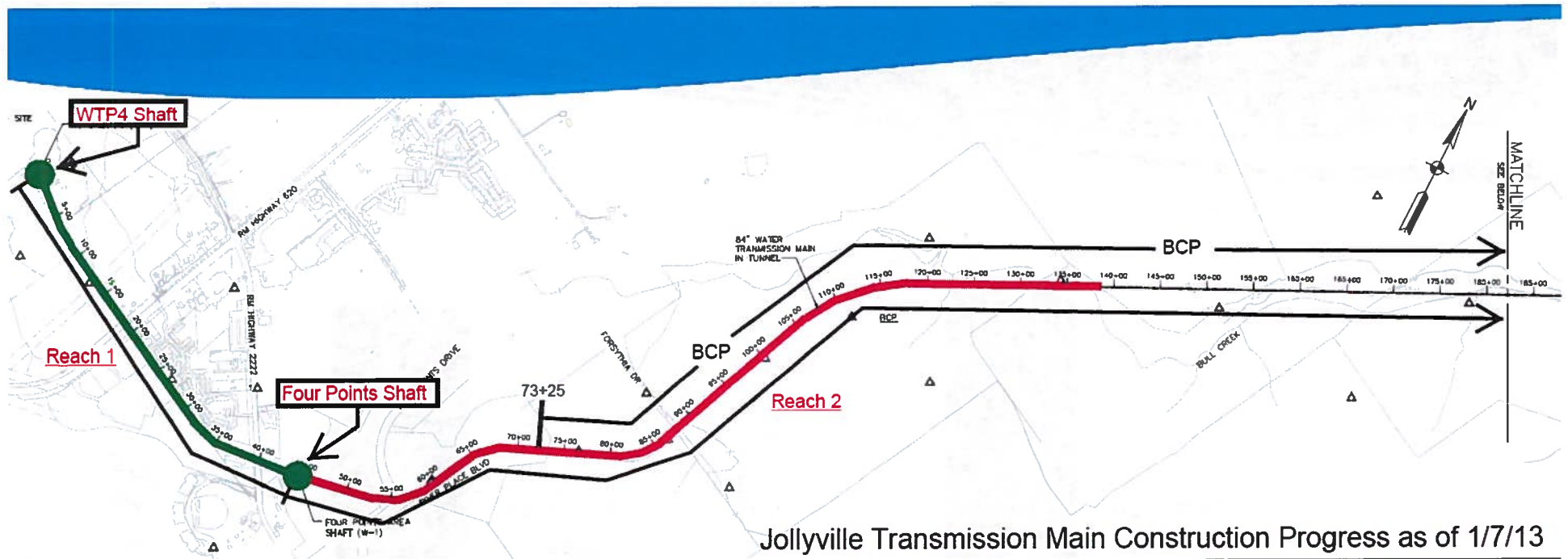
**Water Treatment
Plant 4**



JTM Current Status (yellow) as of 1/8/12



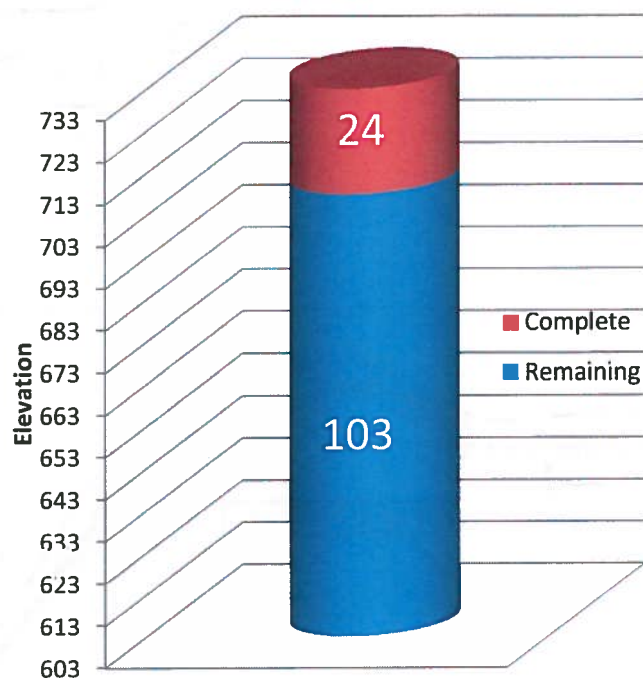
- Reach 1 is complete
- Reach 2 TBM is at STA 138+84
- Reach 3 TBM at STA 290+07
- WTP4 Shaft is complete
- JR Shaft excavation is complete
- Spicewood Shaft is at a depth of 100 ft



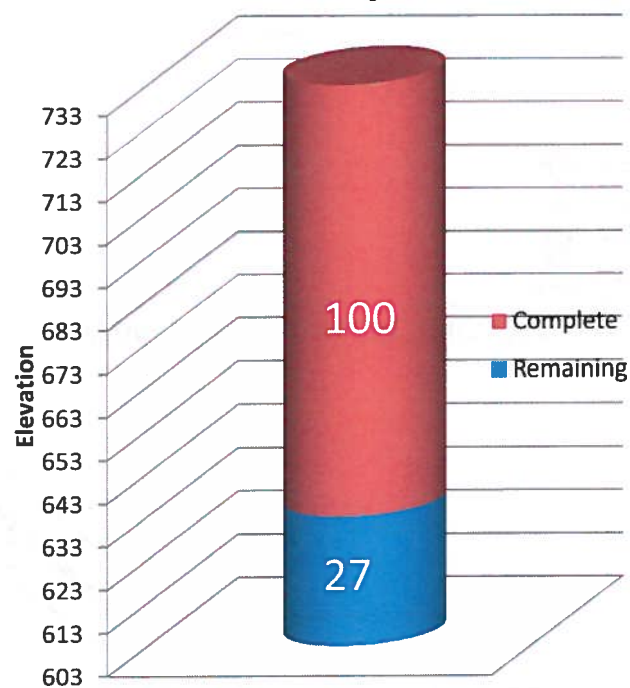
Construction Progress

Spicewood Shaft Excavation

October 17, 2012

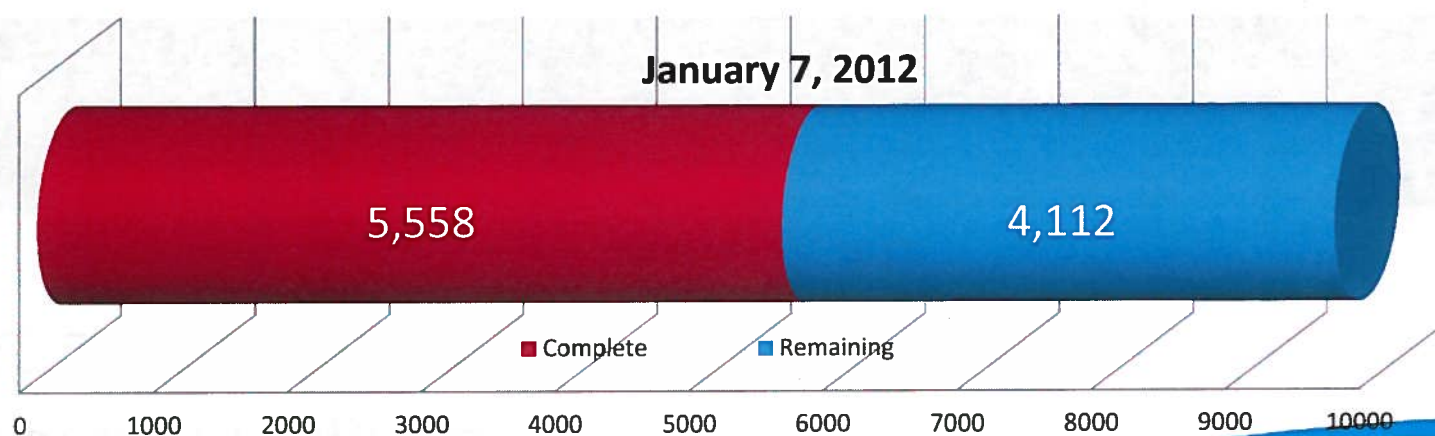
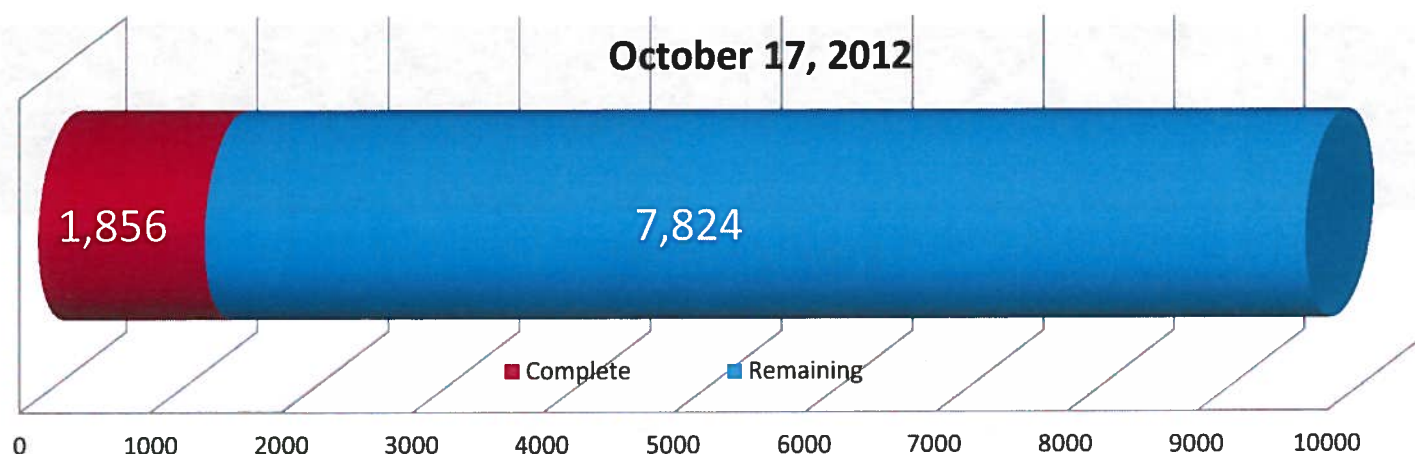


January 7, 2013



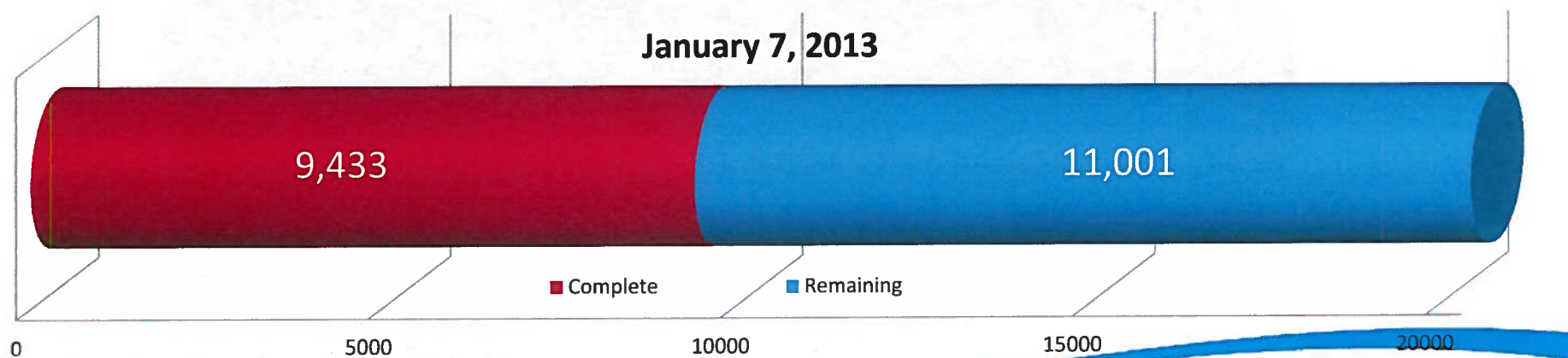
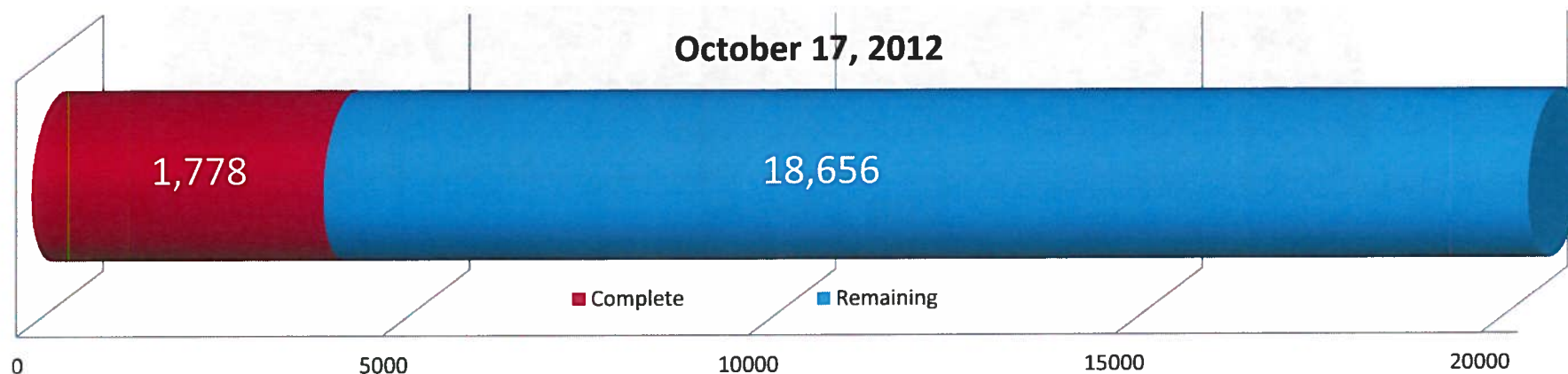
Construction Progress

Reach 3 Tunnel Excavation



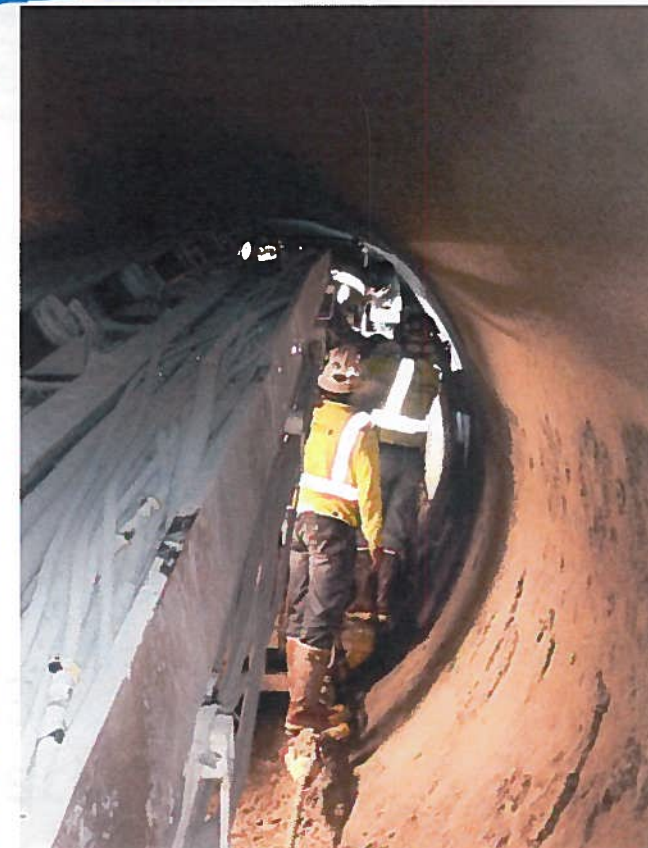
Construction Progress

Reach 2 Tunnel Excavation





Spicewood Shaft Excavation



Reach 2 Tunnel

Jollyville Transmission Main

Projected Activities

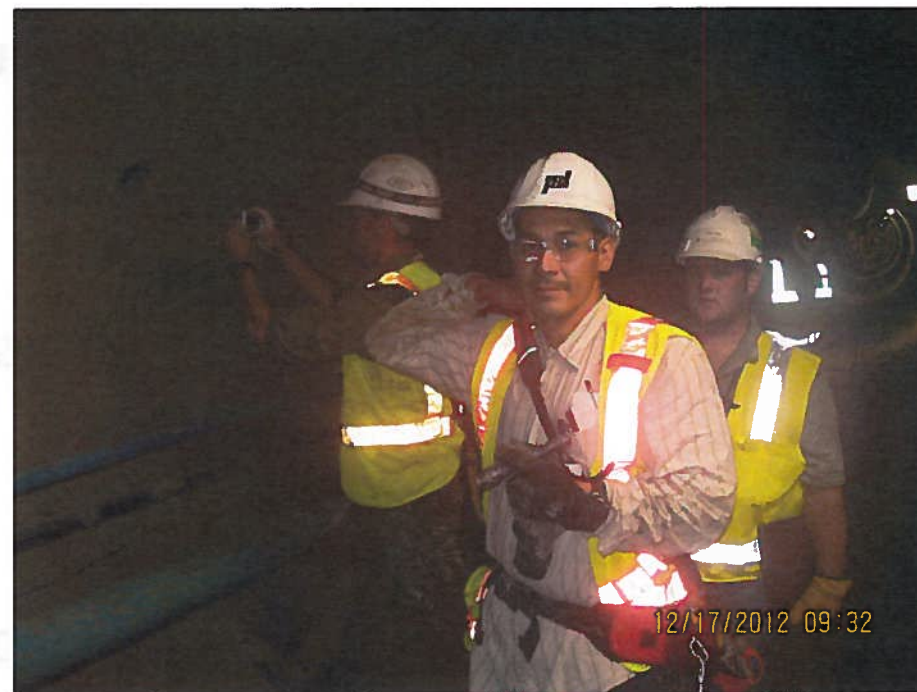
- Reach 3 Tunneling thru April/May 2013
- Spicewood Shaft Excavation thru January 2013
- Reach 2 Tunneling thru May/June 2013

Tunnel and Shaft Inflows

- Reach 2 – < 0.10 gpm over 9,000 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
 - < 10 gpm 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



12/17/2012 09:31

Reach 2



Environmental

- Post rain event conditions and rain totals to be provided at board meeting.

Cost



- Information to be provided at board meeting

Questions?

info@wtpfour.com

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

**Water Treatment
Plant 4**



