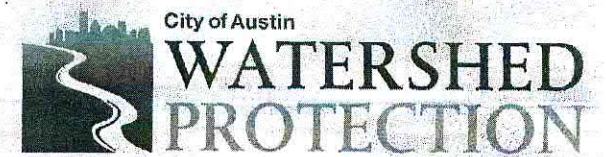


WTP4 Environmental Commissioning

Chuck Lesniak
Watershed Protection Department



Recent Activities

- Design reviews – Plant and TM's
- Park shaft site review
- Numerous Open Records requests
- Groundwater assessment
- CCAA development
- EB Subcommittee meetings

Design Reviews

Reviewed transmission main technical memos on:

- Tunnel and shaft depths
- Excavation methods
- Tunnel and shaft design
- Karst and groundwater impact mitigation
- Alternative routes analysis
- Park shaft site groundwater

Design Reviews

Plant design

Completed

- 95% design for chemical handling and storage
- 60% design for plant final site improvements (walls, conveyances, infrastructure)

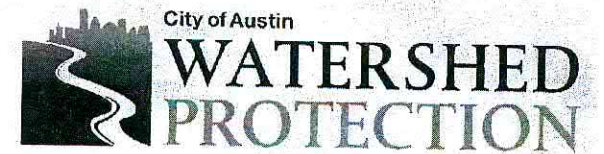
Underway

- 95% design for raw water pump station
- 100% design for plant final site improvements

Park Site Shaft and Route Alternatives Analysis

- Park shaft site
 - Reviewed consultant's written assessment
 - Field visit: No CEF's on site, possible seeps/springs at creek nearby and downstream, no JPS, verified geology
- Reviewed alternative route analysis, including 620 routes
- EC Team concurs with project team decision on park shaft site and route alternatives

Insert map of park site



Groundwater Assessment

- Meeting weekly with Daniel B. Stephens Associates to develop consensus on data interpretation and modeling
- Replacement piezometers optimized for assessment needs
- Work expected to be complete in December

CCAA

- Scope changed to focus on new City projects (with a few exceptions)
- Draft document under internal review
- Working with Law Department on legal challenges
- Possible November public outreach on draft document

Upcoming EC Activities

- Design reviews
 - More transmission main tech memos
 - Basis of Design report for JV transmission main
 - Final plant site plan (100%)
 - Raw water pump station (95%)
- Tech memo on plant design compliance with EC Plan
- Groundwater assessment
- CCAA