

ITEM 6a

Water Treatment Plant 4

Environmental Board

February 4, 2015

Robyn Smith – Public Works Dept.



Project Status

- Substantial Completion – December 11, 2014
- Currently finalizing equipment tests
- Site Finishes ongoing
 - Final Stabilization
 - Convert ponds to bio-filtration
 - Permanent fencing and gates
- Punch lists ongoing



Commissioning and Start-Up

Water Quality Requirements for Storm Water Pond Discharge

Characteristic	Requirements	Units
pH	6.5 – 8.5	
Total Chlorine	<0.01	mg/L
Total Dissolved Solids	≤400	mg/L

Commissioning and Start-Up

Water Management

- Daily communication between Contractor and COA EV Manager
- Lake water utilized for various tests – Raw water pumps
- Disinfection water treated, tested and logged prior to release
- Re-use of testing & disinfection water where feasible
- Regular communication and coordination with downstream neighbors

Final Stabilization

- Treatment Plant and Raw Water Pump Station
 - Native grasses
 - Native plants
 - Trees - Escarpment plateau seed stock
- Four Points and Spicewood shaft sites
 - Native grasses
- Jollyville Reservoir shaft site
 - Bermuda grass (existing vegetation)

Spicewood Shaft Site



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City of Austin, TX
Water Treatment Plant #4

Image # 150117 6112
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Questions?

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

**Water Treatment
Plant 4**

