

JOLLYVILLE TRANSMISSION MAIN: Environmental Commissioning Summary Report

Presented to the Austin Environmental Board
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Environmental Commissioning

February 2015 report to the Environmental Board focused on the primary environmental concerns and the key Environmental Commissioning accomplishments. Tonight will focus on:

- Groundwater monitoring
- Recovery of water levels in wells impacted by shaft and tunnel excavation
- Remaining EC work

Wells with Water Level Changes During Construction

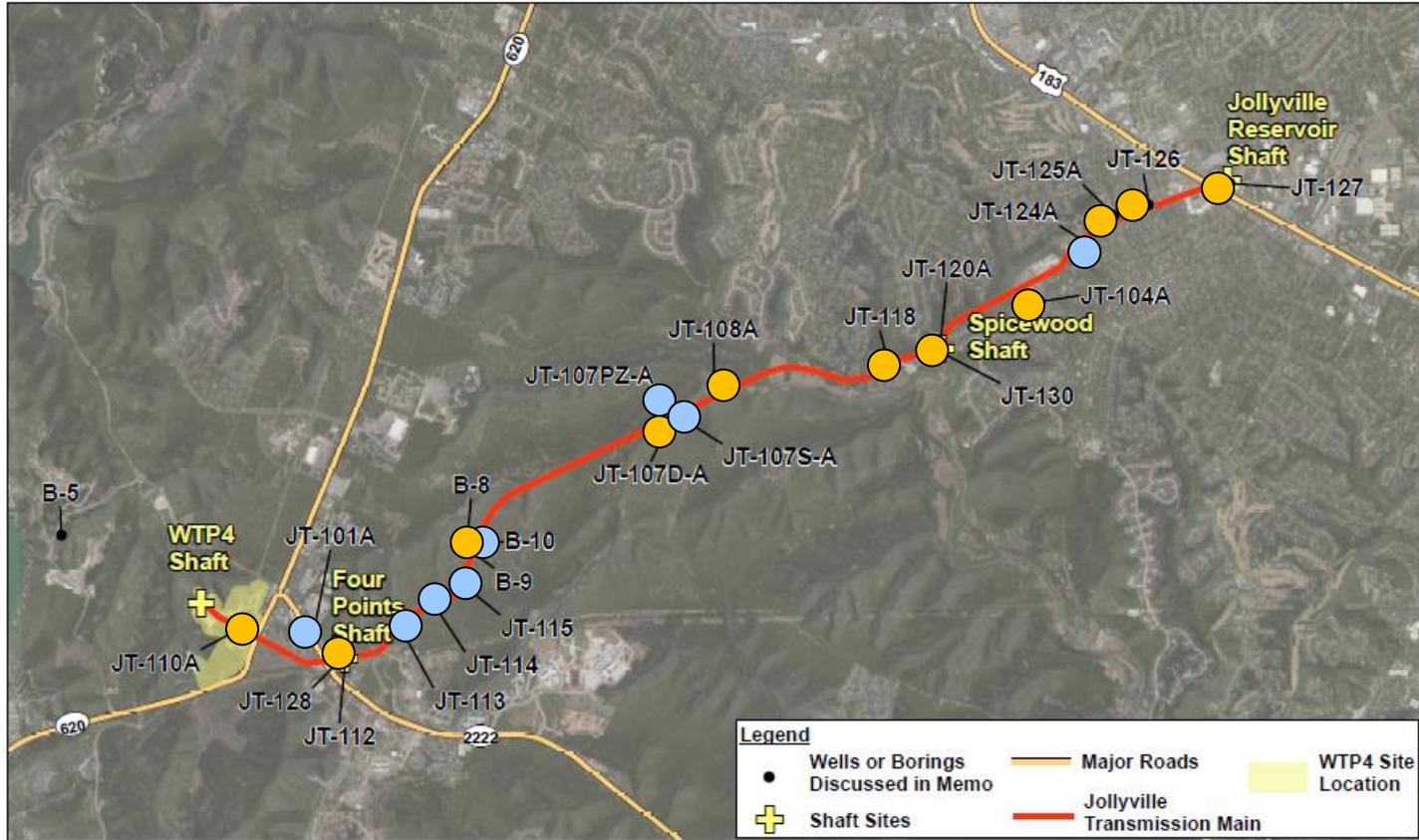
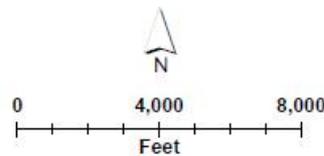


Figure 1
Map showing locations of monitoring wells along Jollyville Transmission Main route



Well Water Level Recovery

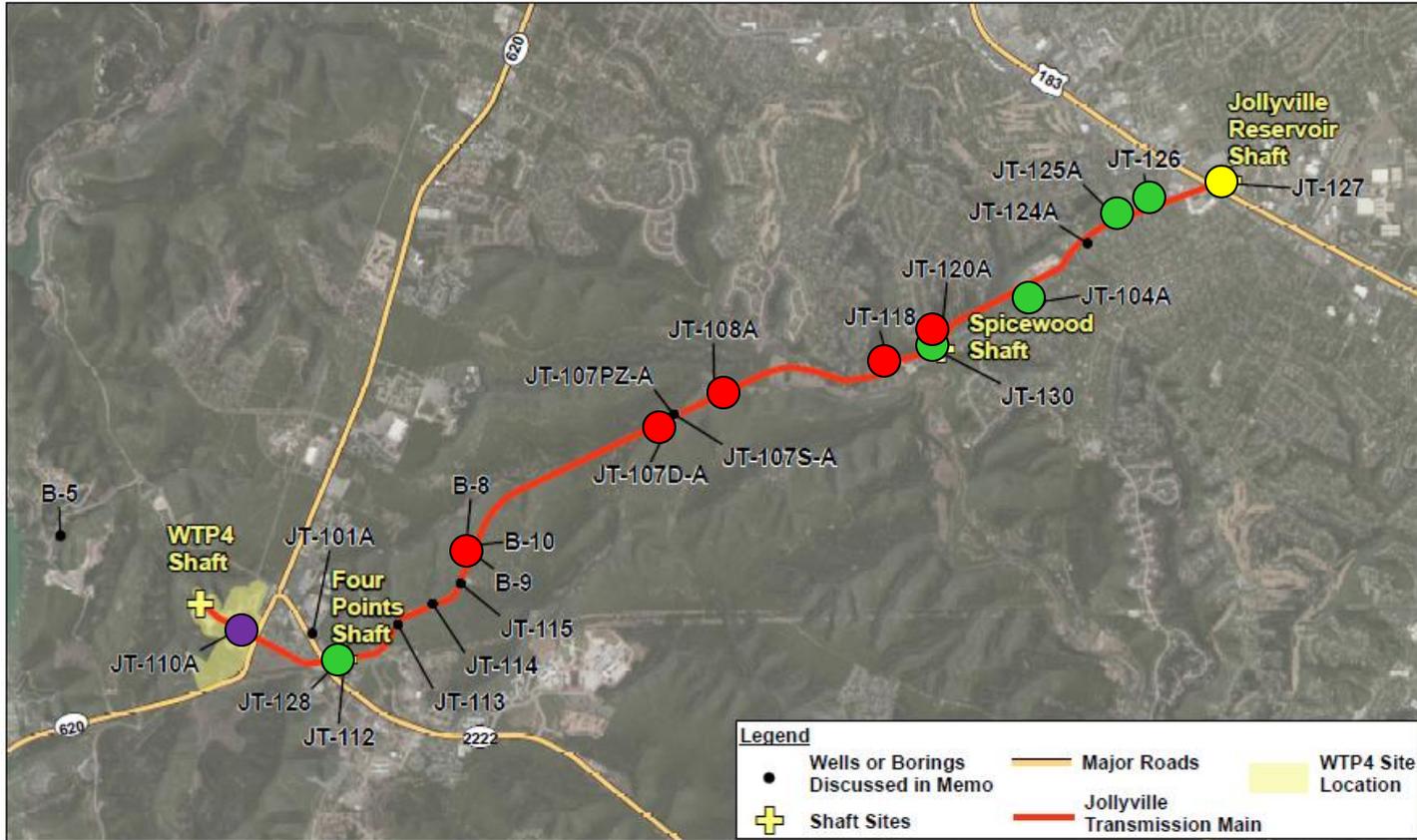
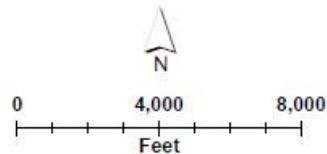


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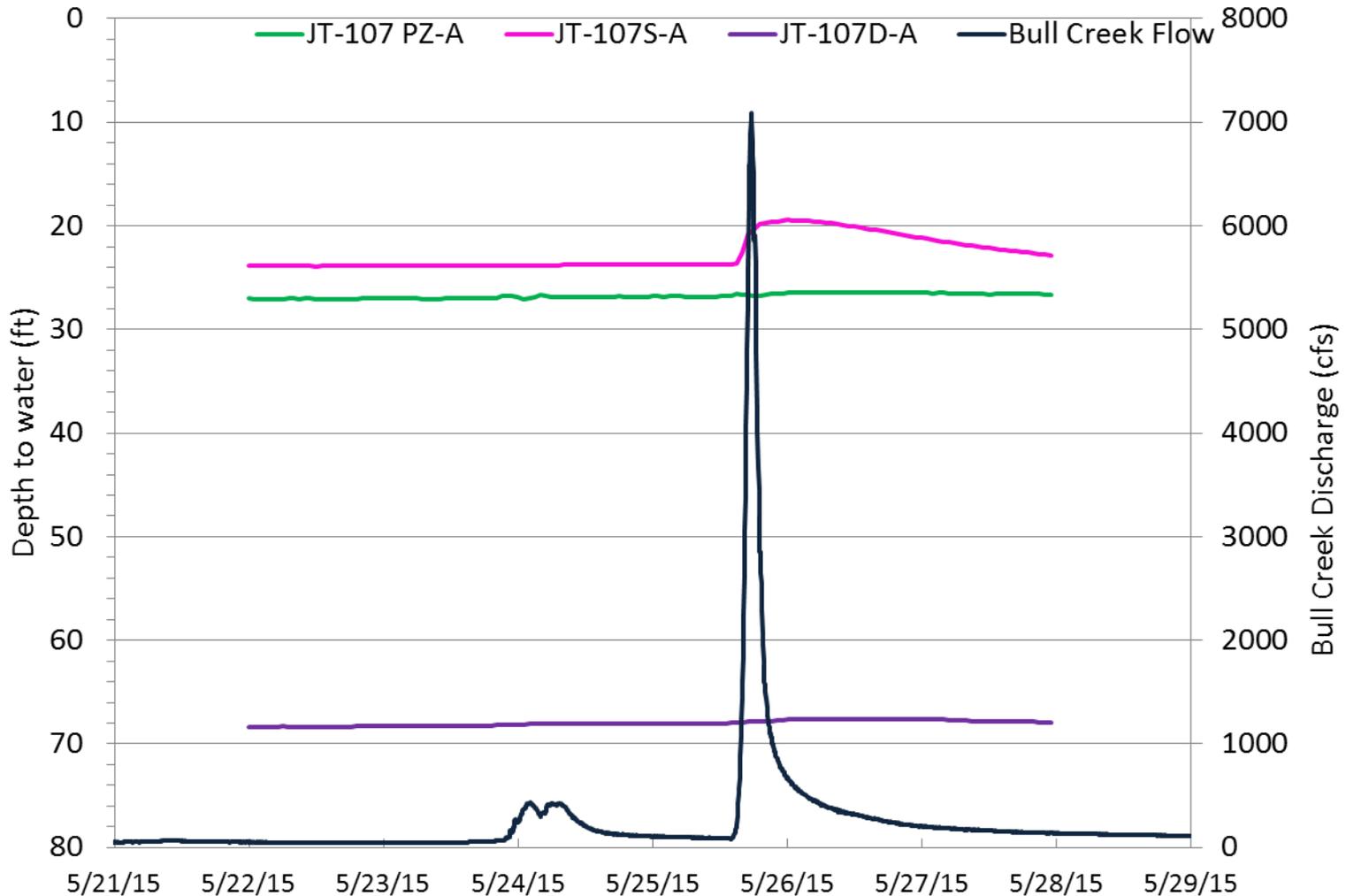


Well Water Level Recovery Summary

| Well | Formation Monitored | Pre-Construction Groundwater Elevation (ft MSL) | Maximum Drawdown During Construction (ft) | Most Recent Monitoring Date | Recent Groundwater Elevation (ft MSL) | Percent (%) Recovery |
|-------------|---------------------|---|---|-----------------------------|---------------------------------------|----------------------|
| JT-110A | Glen Rose | 823 | 18 | July 12, 2012 | 805.1 | * |
| JT-101A | Edwards | 978.7 | -- | June 12, 2015 | 978.8 | -- |
| JT-128** | Edwards | 978.3 | 2.1 | September 17, 2014 | 978.4 | 105 |
| JT-112 | Edwards | 977.6 | 1.0 | June 12, 2015 | 977.8 | 116 |
| JT-113 | Edwards | 963.7 | -- | June 12, 2015 | 966.5 | -- |
| JT-114 | Edwards | 956.6 | -- | June 12, 2015 | 957.1 | -- |
| JT-115 | Edwards | 944.9 | -- | June 12, 2015 | 946.4 | -- |
| B-8B | Glen Rose | 760 | 57 | May 26, 2015 | 715.0 | 21 |
| JT-107-SA | Glen Rose | 760 | -- | June 11, 2015 | 760.3 | -- |
| JT-107-PZA | Glen Rose | 759.5 | 3 | June 11, 2015 | 758.1 | 53 |
| JT-107-DA | Glen Rose | 719.5 | 7 | June 11, 2015 | 716.2 | 53 |
| JT-108A*** | Glen Rose | 750 | 4 | June 11, 2015 | 747.7 | 41 |
| JT-118A | Glen Rose | 720 | 16 | June 11, 2015 | 714.1 | 63 |
| JT-120A**** | Glen Rose | 715 | 55 | June 11, 2015 | 696.6 | 67 |
| JT-130 | Glen Rose | 707 | 4 | June 11, 2015 | 709.5 | 163 |
| JT-104A | Walnut | 779 | 25 | June 11, 2015 | 780.6 | 106 |
| JT-124A | Edwards | 854 | -- | June 11, 2015 | 857.3 | -- |
| JT-125A | Glen Rose | 822 | 53 | June 11, 2015 | 835.5 | 125 |
| JT-126 | Glen Rose | 801 | 74 | June 11, 2015 | 808.6 | 110 |
| JT-127 | Edwards | 879 | 59 | June 11, 2015 | 874.3 | 92 |

Water Level Responses to Memorial Day Rains

JT107 Wells: Depth to Water



Wells: Plugging Some, Keeping Some

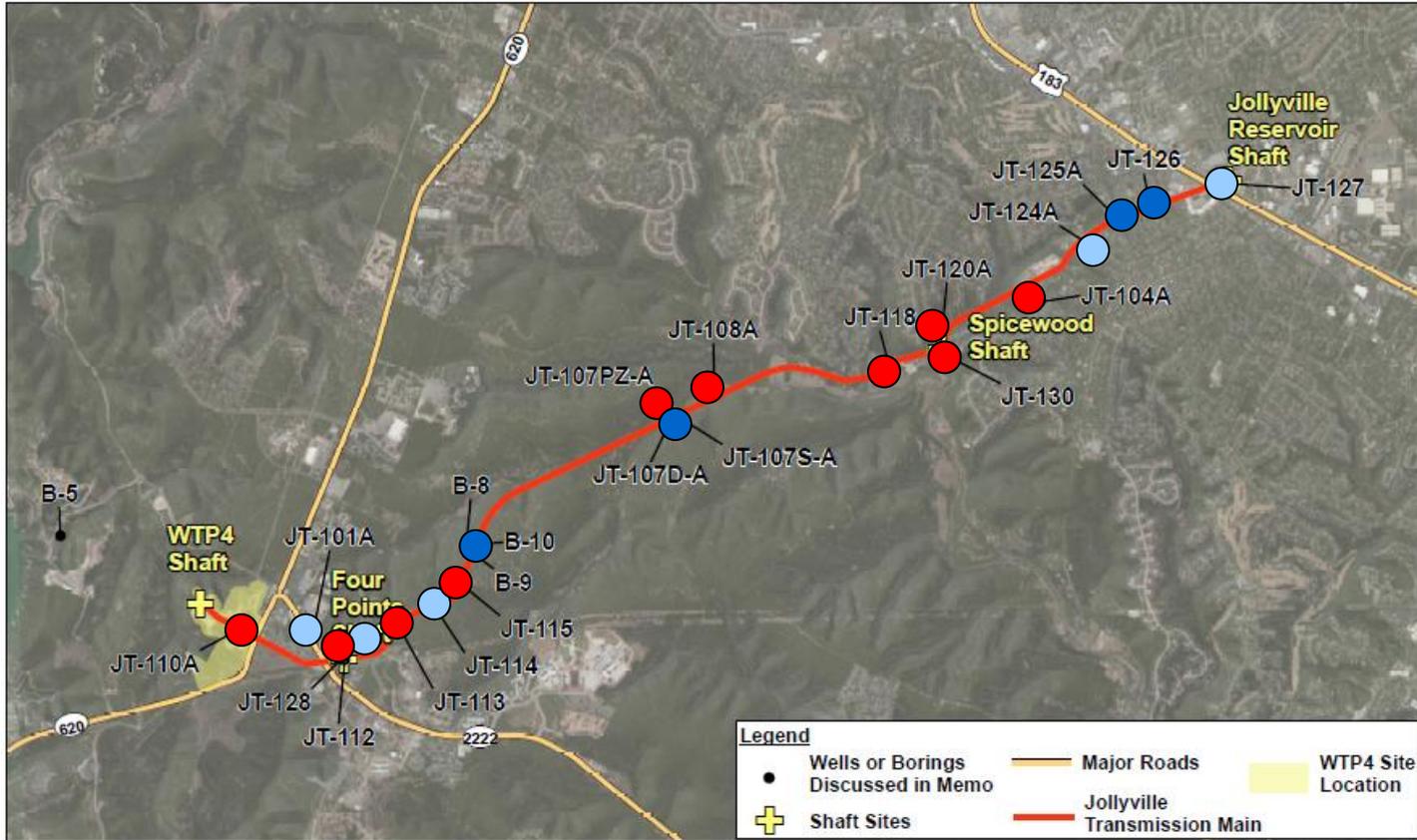
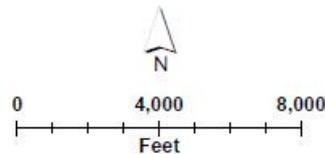


Figure 1
Map showing locations of monitoring wells along Jollyville Transmission Main route





Remaining EC Tasks

- Post-construction monitoring extended until June and possibly longer
- Plug and abandon selected wells, leaving some open for long-term monitoring for other COA programs
- Environmental Commissioning final report



Environmental Commissioning Final Report

- Review of the EC plan goals and degree of success
- Review EC process successes and failures
- Lessons learned and recommendations for future EC projects
- Appendices

A photograph of a river flowing through a wooded area. The water is a murky, brownish-green color. The banks are lined with dense green trees and bushes. On the right bank, two people are visible: one in a blue shirt and another in a tan shirt. The overall scene is a natural, somewhat overgrown waterway.

Questions?

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