



James River Water Authority

Raw Water Intake and Pump Station Project

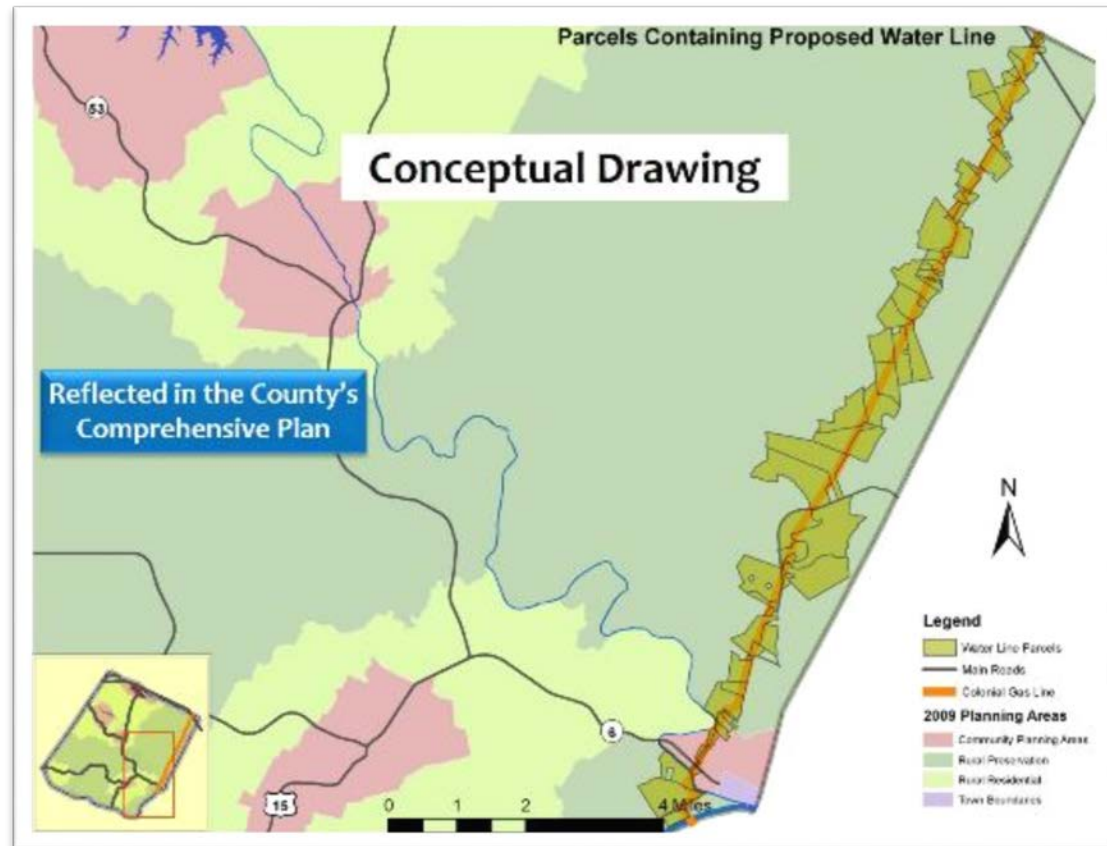
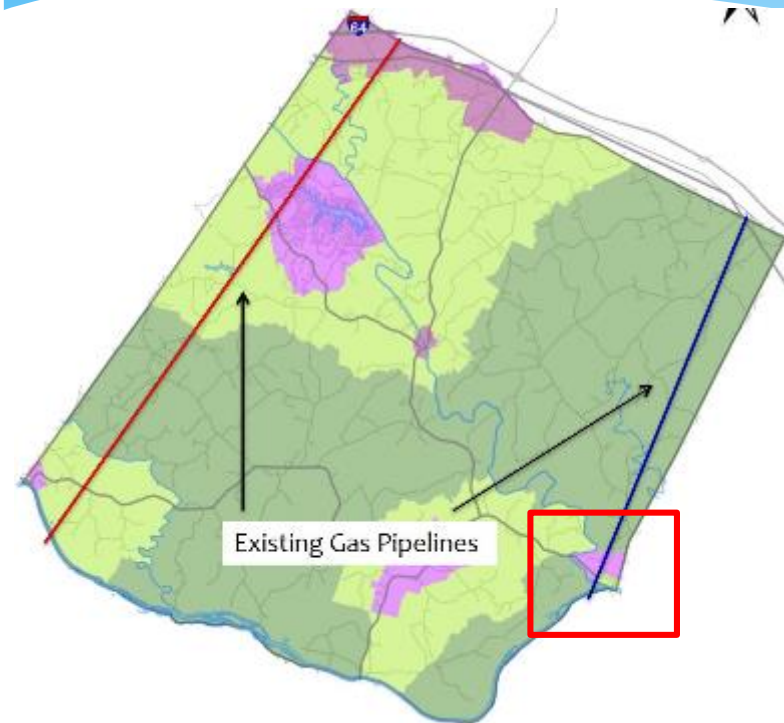
August 2018

Project Need

- * **Long-term water source for Fluvanna & Louisa**
 - Supports each County's required 50-Year Water Supply Plan
- * **Remove reliance on wells & groundwater sources**
- * **Drought reliability (2002 drought)**
- * **Economic Development**

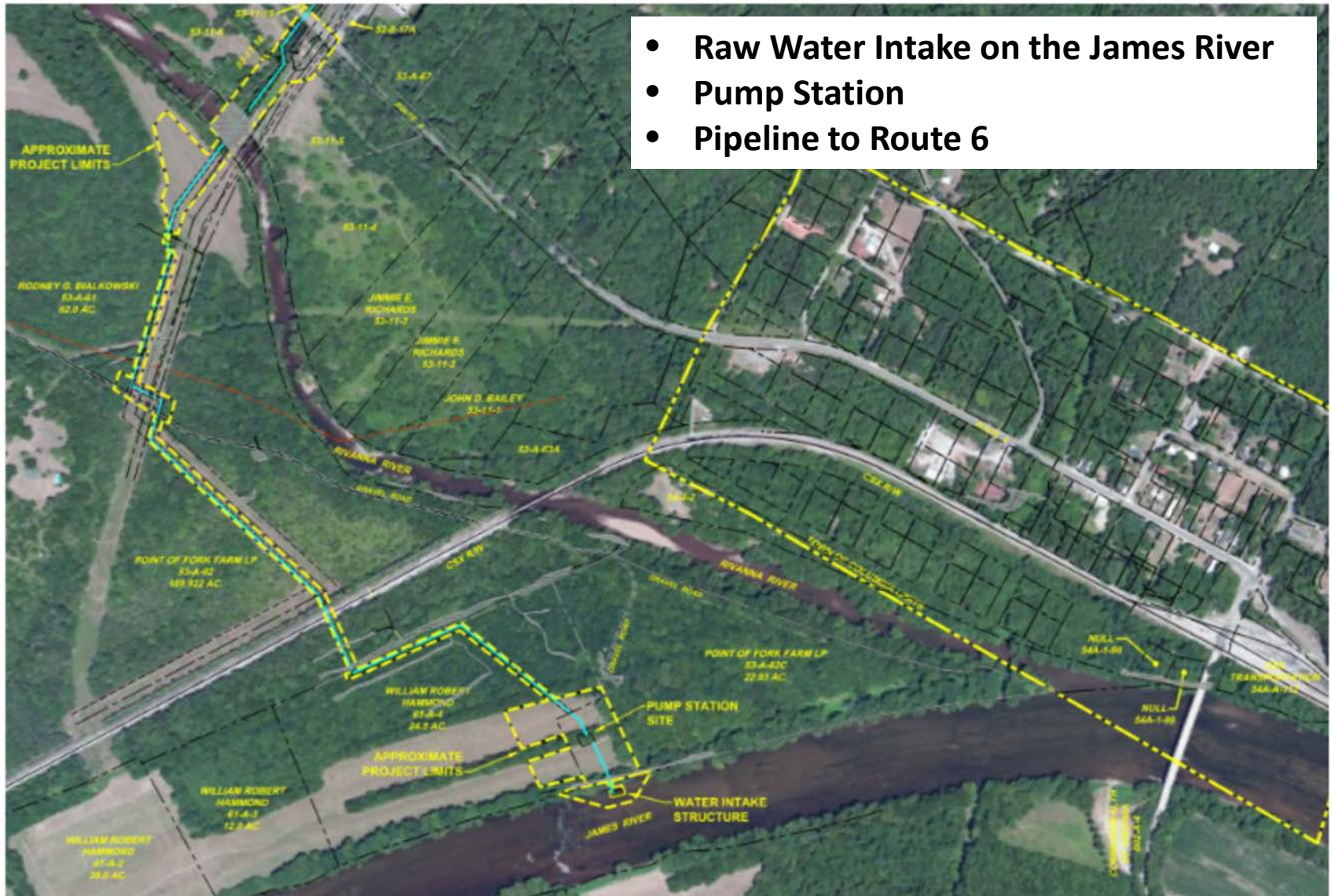


Routing Options to Minimize Impacts



JRWA Project Footprint

- Raw Water Intake on the James River
- Pump Station
- Pipeline to Route 6



Rendering of River Water Pump Station



Areas	Acres
Permanent Easement Area	2.32
Total Limits of Disturbance	13.66
Total Area of Excavation	2.63

Project Progress

- * **DEQ and VMRC Permits have been issued**
- * **USACE Permit pending**
 - Along with final VDHR Burial Permit
- * **Phase I cultural resources survey and Phase II evaluations**
 - May-Jun 2017 and Dec 2017 - Jan 2018
 - Included shovel testing, deep-test coring, and deep-test trenching at the pipeline alignment and pump station
- * **Draft Memorandum of Agreement and Treatment Plan being developed**
- * **Construction pending final USACE permit issuance**