

# Project Schedule

July 2025 - July 2026	January 2026 - January 2031	January 2026 - January 2029	July 2026 - July 2029	July 2029 - January 2045
SJRWMD Feasibility Study	Permitting	Land Acquisition	Design	Construction

## Implementation Ease



**Permitting:** Permitting for this project would include an intrabasin transfer and further hydrogeological and engineering analysis to ensure all environmental goals are met and that there are no adverse environmental or flooding impacts.



**Political/Public Opinion:** Public opinion will be favorable related to protecting flows for the creek.



**Land Acquisition:** This project will not require significant land acquisition.



**Conveyance Obstacles:** Few or no conveyance obstacles were identified for this project. Most transmission is through non-congested public rights-of-way.

## Operational Complexity



**Governance:** This project could be executed by the SJRWMD and SRWMD, requiring a cooperative agreement between the two Districts.



**Monitoring:** Ground water recharge wells will require monitoring of water quality prior to discharge (Chapter 62-610, FAC Part V).



**Training and Operations:** Some operational training will be required to operate and maintain a large pump station and recharge wells.

## Key Assumptions

- The low flow threshold for this project was established to maintain a 15th percentile flow (26.2 cfs) in the creek. This precedent was established for the South Fork of Black Creek.

## Key Questions to be Answered by Further Study

### Treatment:

- Refine low flow (protective flow) thresholds to better estimate availability of water defined as environmentally sustainable peak discharges.
- Determine specific treatment components for conventional surface water treatment and lead removal.

### Conveyance:

- Perform route analysis.
- Identify number and location of booster pump stations.

### Recharge:

- Determine best recharge site to facilitate longer storage of water in the aquifer.
- Determine number of recharge wells needed to inject up to 5.2MGD of flow.

## References

Saint Johns River Water Management District (2023) "Updated Cost Equation for Apr 2023" SJRWMD. Provided April 2024.