

Project Components

Component	Original	Current	Proposed
Filter Pretreatment System (Suspended Air Floatation, SAF)	Included in Tertiary Project	Changed to District installed & expedited	Remains District installed & expedited
Existing Filter System Replacement with New Continuous Backwash Filter	Included in Tertiary Project	Deferred due to insufficient construction funding, replaced with rehabilitation of existing Microfloc	Bring filter replacement back into Project using funds from deleted Pond 6 Enlargement
Pond 6 Enlargement and Utility Relocations	Included in Tertiary Project	Included in Tertiary Project, design has not begun	Delete from Project if viable regulatory pathway found for surface water discharge. Some smaller equipment and electrical improvements to remain.
Regulatory evaluation for winter surface water discharge via wetlands	Not included	Not included	Add to project. Final project direction based on outcome.

Considerations

- Water balance update required to determine winter discharge rate needed to work within confines of existing Pond 6 storage
- Regulatory evaluation and Water Board consultation required to understand requirements for permitting and feasibility of this discharge rate
- Nitrogen limits will need to be met at higher flows. Sampling may be required.
- Tertiary facility after upgrade will be limited to 1.0 mgd of recycled water in the near-term.
- Some Pond 6 utilities work may still be needed to complete Tertiary project:
 - Pump upgrades
 - Electrical upgrades

Engineering Cost Comparison (early estimate)

Task	Description	Changes to 12/31/2025 Amendment 1	Prior Amendment 1 Fee	Approximate Revised Amendment 1 Fee
1	Project Management	Include only PM required to finish tertiary design and cover for additional USACE coordination	\$49,670	\$28,000
3	Topographic Survey	Include only supplemental survey for drying bed location. Delete Pond 6 supplemental survey.	\$31,695	\$13,000
5	Environmental Clearance	Include only allowance for construction phase monitoring if required. Delete new environmental documentation for Pond 6.	\$436,179	\$55,000
6	Permitting	Add regulatory evaluation task to determine feasibility of expanded surface water discharge approach.	\$0	\$25,000
7	Project Design	Complete the tertiary design only (currently at 90%), show the SAF installed, add revised drying bed approach. Evaluate and design Pond 6 pump replacements for improved capacity. Complete electrical design.	\$350,876	\$200,000
9	Bid Phase Support	Add to project scope as before. Deleting Pond 6 reduces complexity.	\$19,003	\$15,000
10	Engineering Services During Construction	Add to project scope as before. Deleting Pond 6 reduces complexity.	\$254,669	\$220,000
		HydroScience Total	\$1,142,092	\$560,000
	Wagner & Bonsignore	Delete Pond 6 enlargement plan revisions, bid phase, and construction phase support.	\$\$\$	\$0
	Shannon & Wilson	Delete Pond 6 supplemental geotechnical and construction phase observation.	\$\$\$	\$0
		Grand Total	\$\$\$	\$560,000