

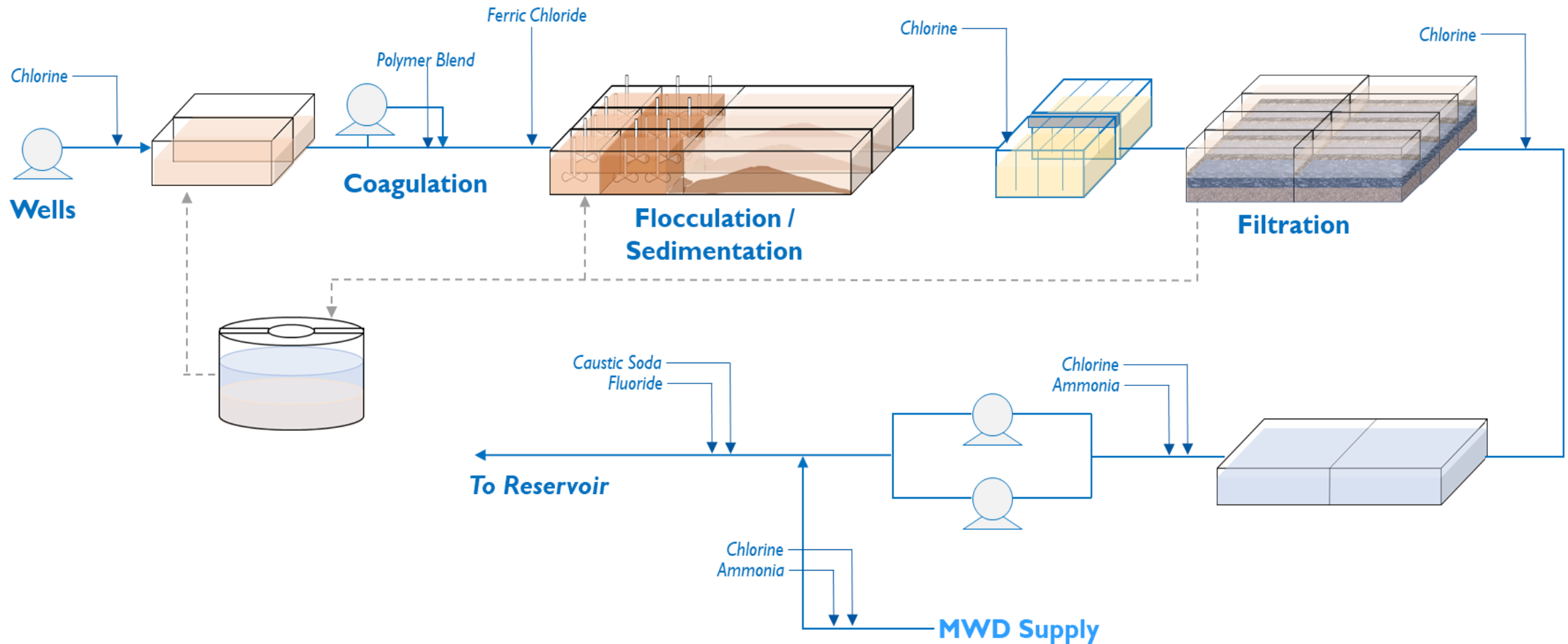
Filter Inspection and Repair Amendment to Perform Additional Work

Board of Water Commissioners

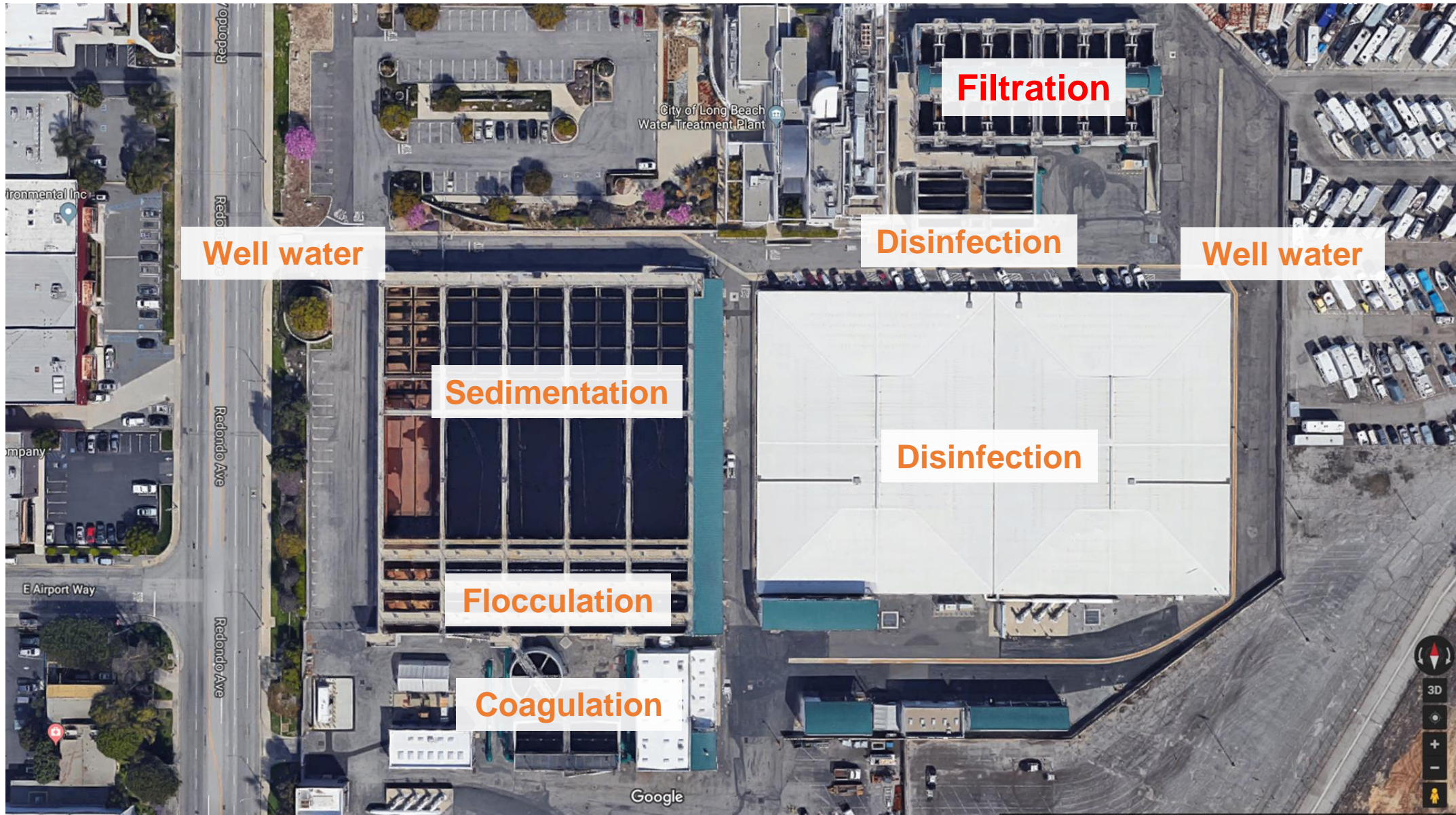
September 1, 2022



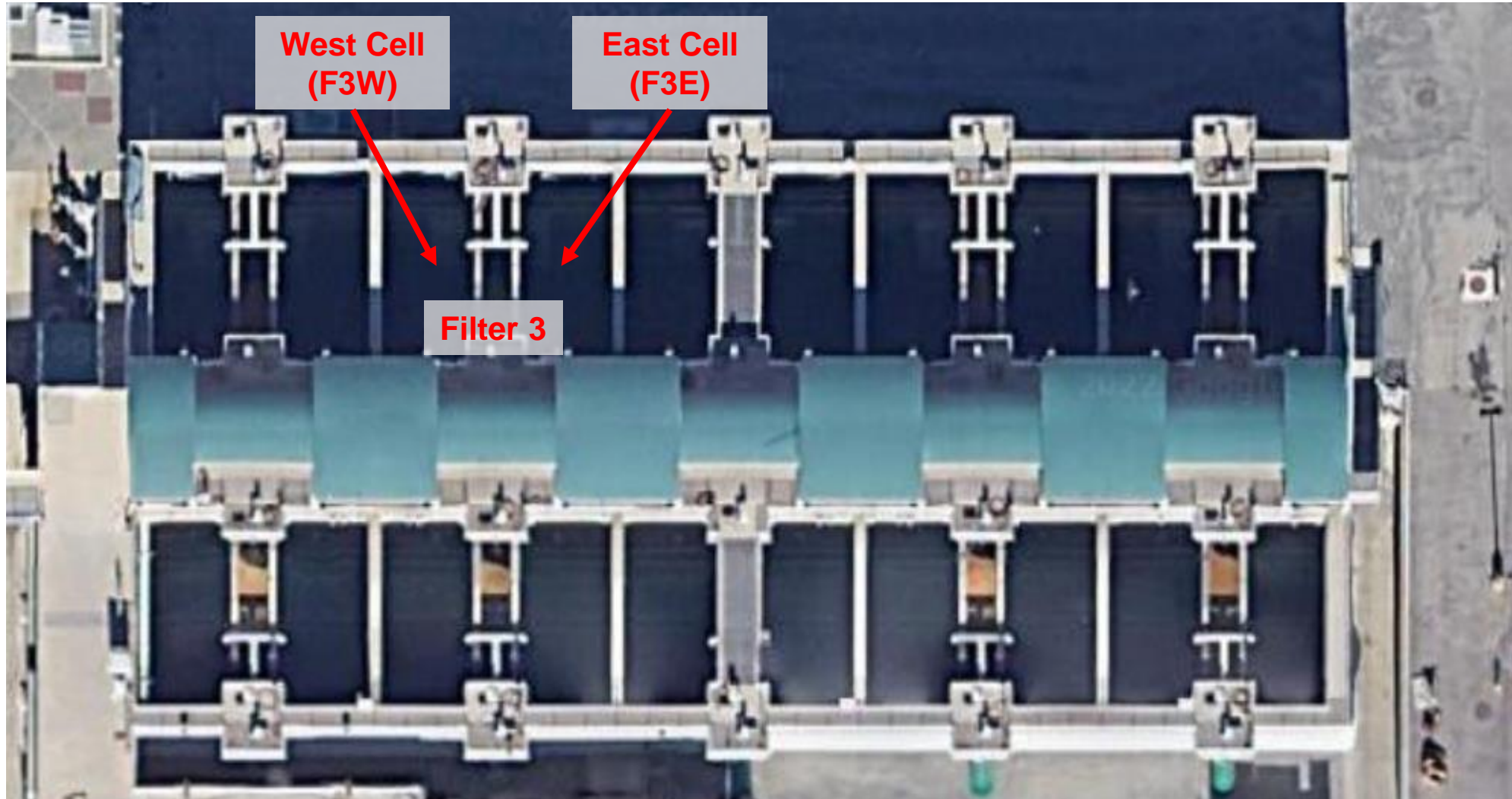
Groundwater Treatment Plant Process



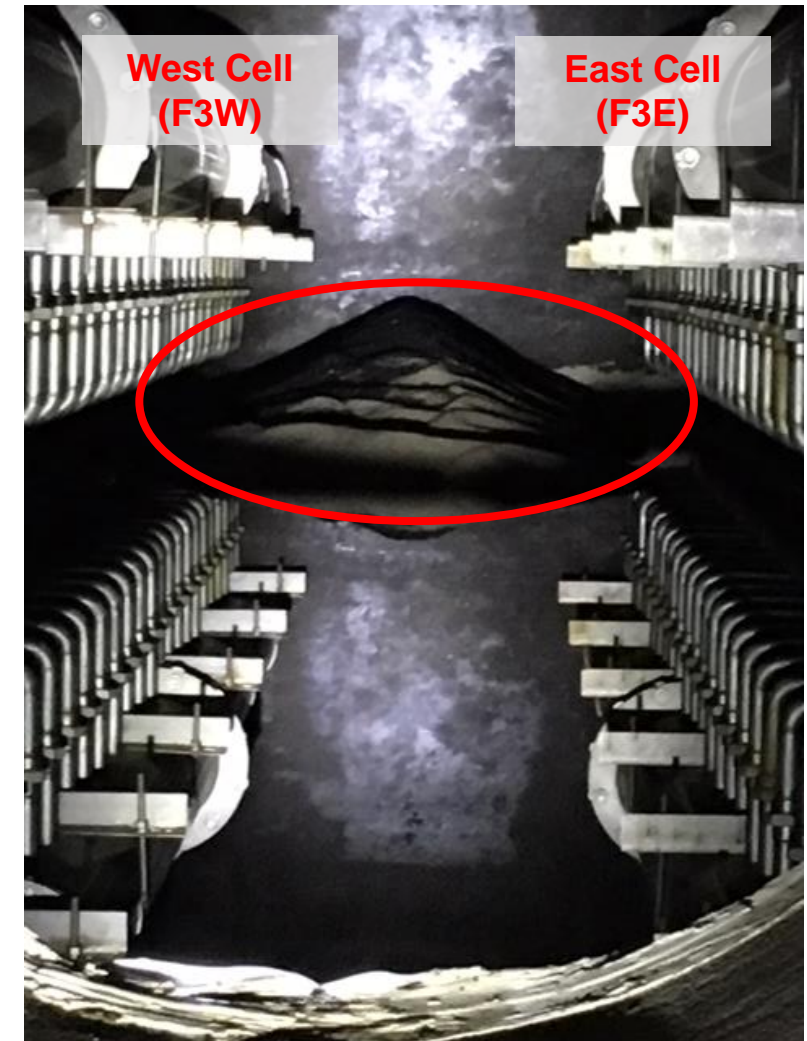
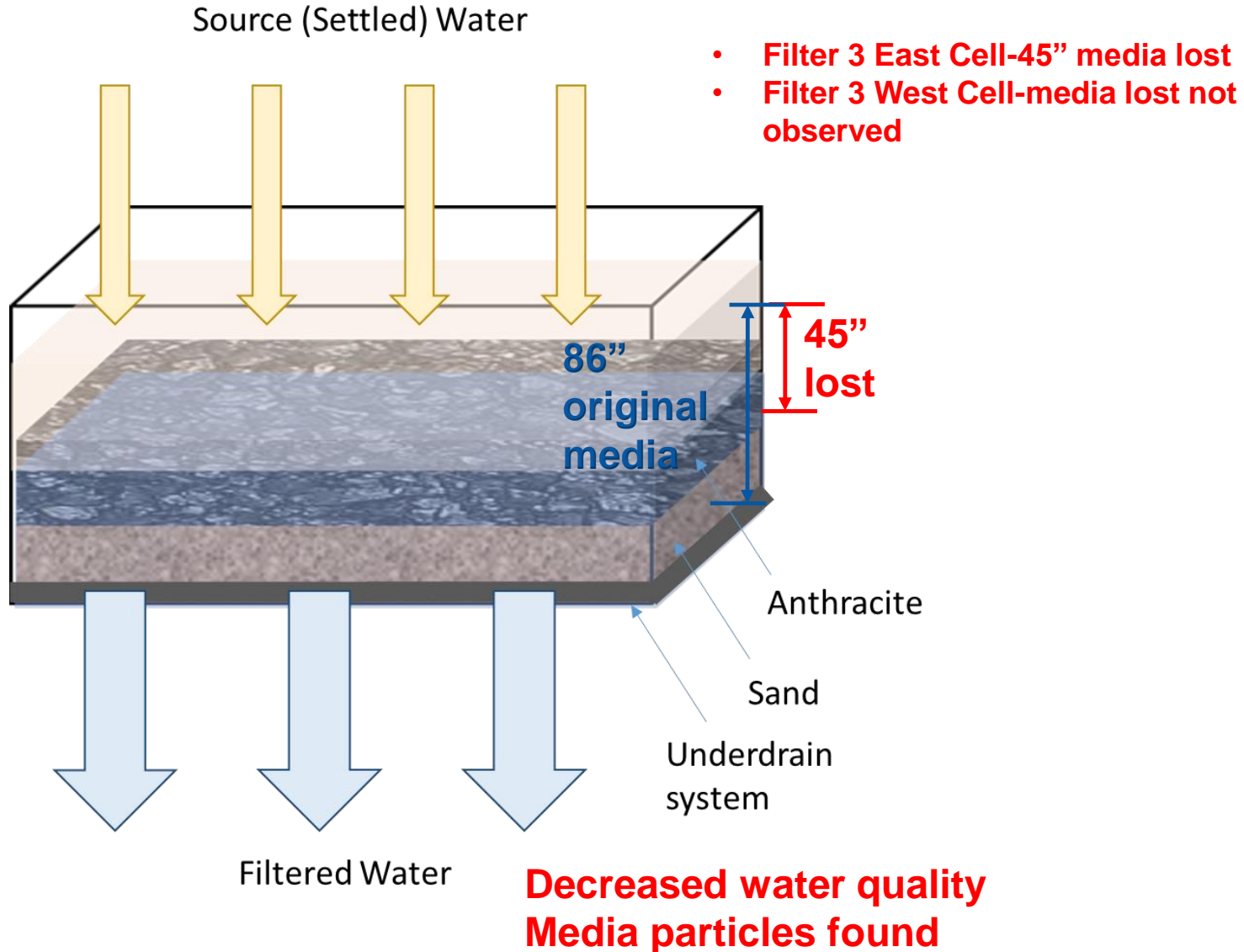
Groundwater Treatment Plant



Dual-Media Filters



Filtration Process and Filter #3 Failure



Media found underneath the filter



Inspection and Repair of F3E



Gasket material and media found under porous cap



Missing grout between porous caps



F3E Repaired

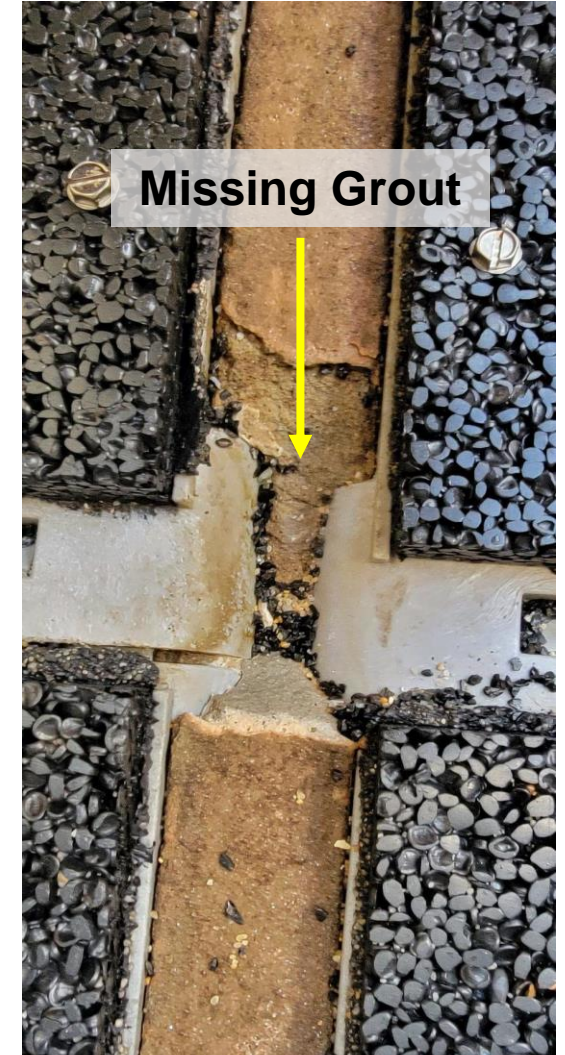
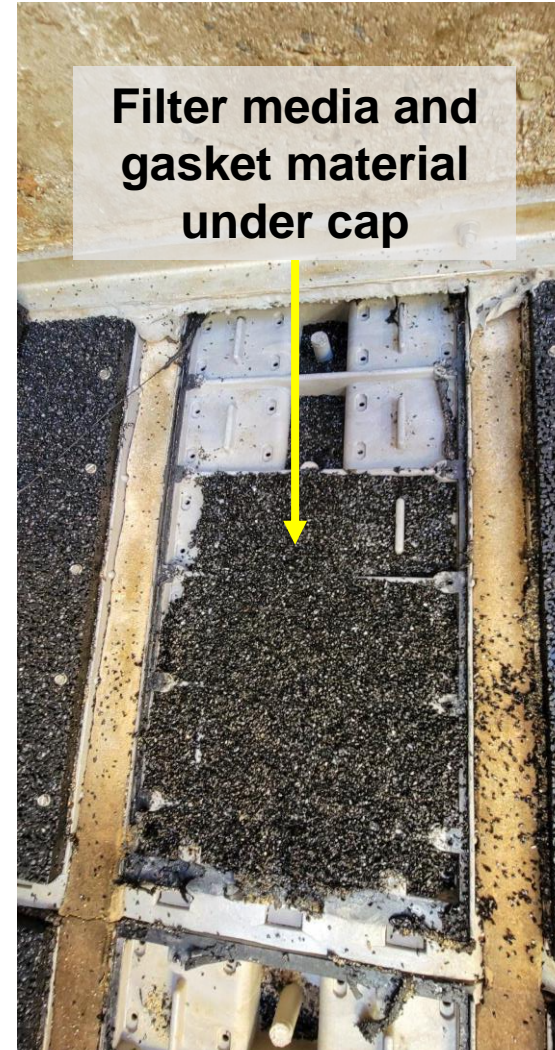
Inspection of F3W

Field Directive

- Inspection of F3W

Additional Work Proposed

- Repair and Flushing/ Cleaning (based on inspection report)



Scope and Cost Amendment

Item	Work	Cost
1*	Media Removal and Inspection (F3E)	\$60,000
2 & 3*	Repair and flush based on preliminary assumption (F3E)	\$128,000
4	Supply & loading of new media	\$130,000
5*	Recover & loading of old media to other filters	\$24,489
6*	Filter 6&7-test & remove non compliant media	\$28,970
7*	Additional field work (media removal and inspection of F3W)	\$50,000
	Total (original contract)	\$421,459
2 & 3	Additional F3W repair and flush based on inspection	\$128,000
	Total (amended contract)	\$549,459

* Completed Work



Recommendation

Authorize the General Manager to amend the existing contract with ERS Industrial Services Inc., for filter repair services, increasing the contract amount by \$128,000 for a total amount not to exceed \$549,459.

