

EXHIBIT A
ESTIMATED COSTS OF PROJECT INFRASTRUCTURE

Memorandum (cont'd)



April 3, 2024
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Castle Rock Water - Lift Station & 6" Force Main (CRR-1/CRR-2 to PCWRF)									
Overall Summary of Project Costs									
CLASS 5 OPINION OF PROBABLE COST (HIGH LEVEL FINANCIAL ANALYSIS)									
Description		A	B	C	D	E	F	G	H
		Capital Cost - Force Main	Capital Cost - Lift Station	Total Estimated Construction Cost	Estimated Construction Contingency (30%)	Estimated Land Acquisition Cost ¹	Estimated Engineering Design Services (8%)	Estimated Construction Phase Services (5%)	Total Capital Cost (Including 30% Contingency)
6-inch Alternatives	6" Ductile Iron Pipe	\$9,240,000	\$3,500,000	\$12,740,000	\$3,822,000	\$150,000	\$1,019,200	\$637,000	\$18,368,200
	6" Polyvinyl Chlorine Pipe	\$7,360,000	\$3,500,000	\$10,860,000	\$3,258,000	\$150,000	\$868,800	\$543,000	\$15,679,800
Disclaimer: Provided is a high-level ROM cost estimation and may be used for preliminary planning purposes only. Burns & McDonnell's estimates contained in this tool are based on professional experience, historical data, vendor supplied pricing, and judgment. Burns & McDonnell has no forecast with regards to: weather, cost and availability of labor, material, and equipment, labor productivity, energy or commodity pricing, demand or usage, market conditions, changes in technology, and other economic or political factors affecting such estimates, analyses, and recommendations. Therefore, Burns & McDonnell makes no guarantee or warranty (actual, expressed, or implied) that actual results will not vary, perhaps significantly, from the estimates, analyses, and recommendations contained herein.									
Notes: 1. Estimated land acquisition costs include permanent and temporary easements required to facilitate pipeline construction.									

NOTES BY CASTLE ROCK WATER:

1. The total dollar amount allocated by the County is \$14,000,000.
2. CRW will narrow down the construction costs at 30% design and evaluate using a maximum guaranteed price contract approach to keep costs within the County's allocated amount.
3. An estimate obtained from a contractor for Column B, Capital Cost - Lift Station is \$1,600,000 (without a contingency), April 2024.
4. Column D adds a 30% contingency of \$3,258,000 to \$3,822,000 (providing some room for meeting the County's allocation) to Column C that is reflected in Column H, Total Capital Cost.