



SANTA ANA WATERSHED
PROJECT AUTHORITY

Inland Empire Brine Line Rate Resolution 2025-2

PA 24 Committee Meeting

Agenda Item No. 6.A

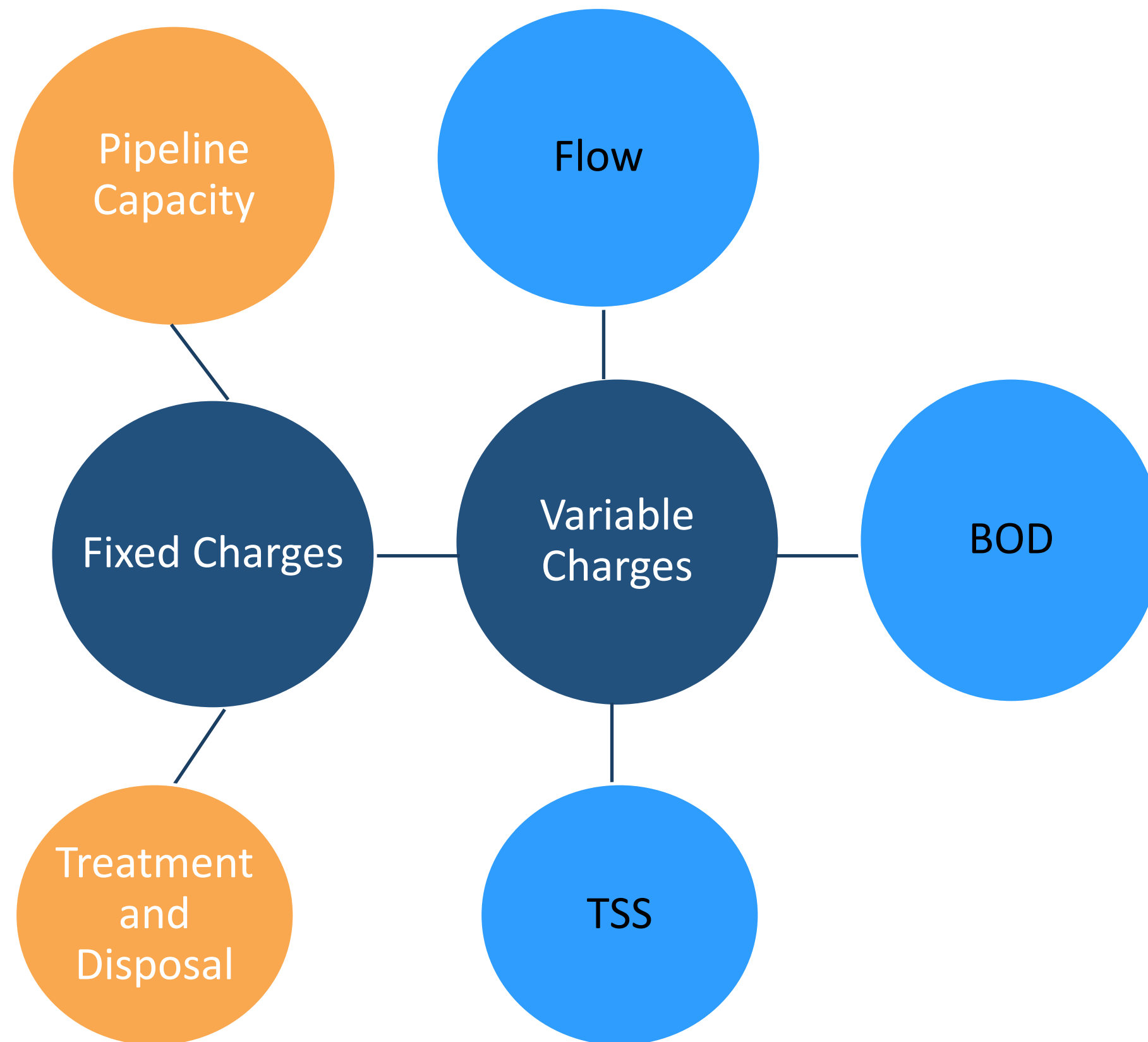
David Ruhl

Executive Manager of Engineering and Operations

May 6, 2025

Recommendation

- That the Project Agreement 24 Committee recommend approval by the SAWPA Commission of Resolution No. 2025-2 establishing the Fiscal Year 2025-26 Inland Empire Brine Line Rates.



Brine Line Rate Components:

- Flow
 - Per Million Gallons
- Biochemical Oxygen Demand (BOD)
 - Per 1,000 lbs
- Total Suspended Solids (TSS)
 - Per 1,000 lbs
- Fixed Charges for Pipeline and Treatment and Disposal Capacity Owned
 - Per Million Gallons/Day

Brine Line Rates Direct Dischargers (FY 2025-26)

Options	Effective Date	Flow MG	BOD (1) 1,000 lbs	TSS (1) 1,000 lbs	Fixed Pipe	Fixed T&D
Current FY 2024-25	-	1,097	396	497	6,654	13,505
Proposed FY 2025-26	7/1/2025	1,119	416	522	6,787	13,775

(1) BOD and TSS is a “pass through” cost from OC San.

Brine Line Rates FY 2020 – FY 2027

Fiscal Year	Flow (MG)	BOD (1,000 lbs)	TSS (1,000 lbs)	Monthly Fixed Pipeline	Monthly Fixed Treatment
2027 Planned	\$1,141	\$437	\$548	\$6,923	\$14,051
2026 Proposed	1,119	416	522	6,6787	13,775
2025 Current	1,097	396	497	6,654	13,505
2024	1,073	394	494	6,654	13,505
2023	1,049	353	520	6,654	13,505
2022	1,018	329	460	6,654	13,505
2021 Jan - Jun	1,018	329	460	6,654	13,505
2021 Jul – Dec	979	316	442	6,398	12,985
2020	979	316	442	6,398	12,985

Brine Line Rates % Change (+/-) FY 2020 – FY 2027

Fiscal Year	Flow MG	BOD (1,000 lbs)	TSS (1,000 lbs)	Monthly Fixed Pipeline	Monthly Fixed Treatment
2027 Planned	2.0%	5.0%	5.0%	2.0%	2.0%
2026 Proposed	2.0%	5.1%	5.0%	2.0%	2.0%
2025 Current	2.2%	0.5%	0.6%	0.0%	0.0%
2024	2.3%	11.6%	-5.0%	0.0%	0.0%
2023	3.0%	7.3%	13.0%	0.0%	0.0%
2022	0.0%	0.0%	0.0%	0.0%	0.0%
2021 Jan – Jun	4.0%	4.1%	4.1%	4.0%	4.0%
2021 Jul – Dec	0.0%	0.0%	0.0%	0.0%	0.0%
2020	3.5%	2.9%	3.0%	2.9%	3.0%

Indirect Dischargers

- Based on two (2) tiers:
 - Brine (<100 mg/L of both BOD or TSS)
 - Non-Brine (≥ 100 mg/L of either BOD or TSS)
 - Charges based on a per gallon base for brine tier and a per gallon base plus pounds of BOD and pounds of TSS for non-brine tier.

Indirect Discharger Rates

Option	Brine Tier ^(a) (< 100 mg/L) / gallon	Non-Brine Tier ^{(b)(c)} (≥ 100 mg/L) / gallon	BOD / lb	TSS / lb
Current (FY2024-25)	\$0.0164	\$0.0164	\$0.7995	\$0.7636
Proposed (FY2025-26) ^(d)	\$0.0168	\$0.0168	\$0.8187	\$0.7819

- (a) Brine tier if both BOD and TSS concentrations are less than 100 mg/L.
- (b) Non-brine tier if any of the BOD or TSS concentrations are 100 mg/L or greater.
- (c) Non-brine tier charges the flow component plus any pounds of BOD and TSS.
- (d) These charges will increase 2.4% from FY 2024-25.

Capacity Lease Rates

Lease Option	Flow ^(a) (per gallon)	Additional BOD ^(b) (per lb)	Additional TSS ^(b) (per lb)
Current (FY 2024 – 25)			
Pipeline and Treatment & Disposal	\$0.00263	\$0.4080	\$0.2501
Treatment and Disposal Only	\$0.00117	\$0.4080	\$0.2501
Proposed (FY 2025 – 26)			
Pipeline and Treatment & Disposal	\$0.00268	\$0.4284	\$0.2626
Treatment and Disposal Only	\$0.00119	\$0.4284	\$0.2626

(a) Capacity Lease rates will increase 2.0% for discharges not exceeding 250 mg/L of BOD and 250 mg/L of TSS.

(b) Discharges exceeding 250 mg/L of BOD and 250 mg/L of TSS, the BOD and TSS surcharge rate will increase by 5%.

Treatment & Disposal Surcharge Rates

These rates apply to dischargers that exceed their contractually owned capacity in any given month.

Option	Flow (per gallon)	BOD (per lb)	TSS (per lb)
Current (FY 2024-25)	\$0.0021	\$0.4080	\$0.2501
Proposed (FY 2025-26) ^(a)	\$0.0022	\$0.4284	\$0.2626

(a) These charges will increase 4.8% for flow and 5.0% for BOD and TSS.

Proposed Permit Fees

Type of Permit	Current Fee (FY 2024-25) and Proposed Fee (FY 2025-26)
Direct Discharger	\$600
Indirect Discharger	\$300
Connection Authorization	\$1,100
Liquid Waste Hauler	\$250

Recommendation

- That the Project Agreement 24 Committee recommend approval by the SAWPA Commission of Resolution No. 2025-2 establishing the Fiscal Year 2025-26 Inland Empire Brine Line Rates.

Questions?

Thank You

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SANTA ANA WATERSHED
PROJECT AUTHORITY

SCADA Specification Design and Work Plan Award

PA 24 Committee
Item No. 6.B
Daniel Vasquez
Manager of Operations
May 6, 2025

Recommendation

That the Project Agreement 24 Committee authorize the General Manager to execute a General Services Agreement and Task Order DUDK240-13 with Dudek in the amount not to exceed \$155,924 to provide professional services for the preparation of the SCADA Design Specification Work Plan.

SCADA Specification Design and Work Plan

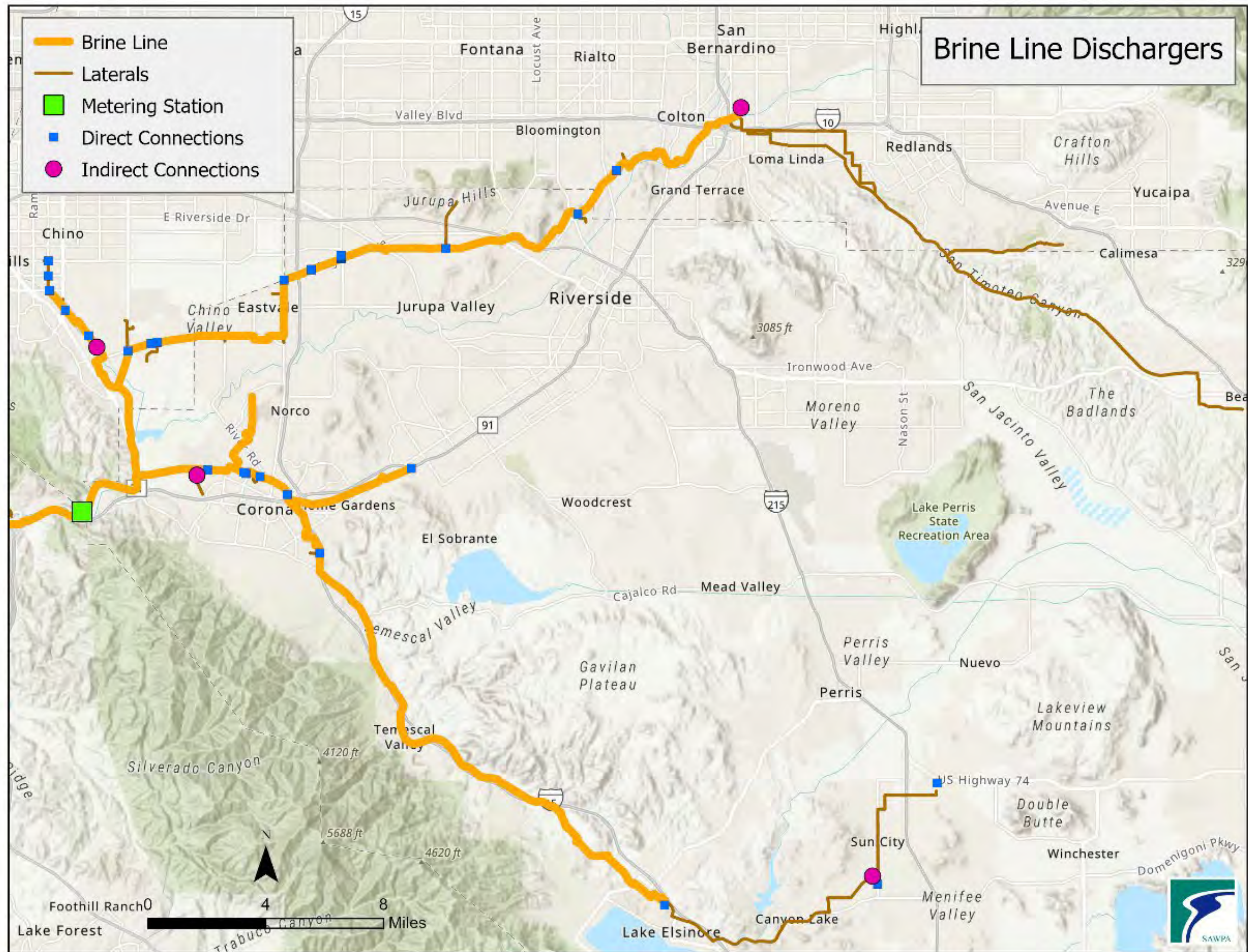
SAWPA completed the Master Plan in December 2024.

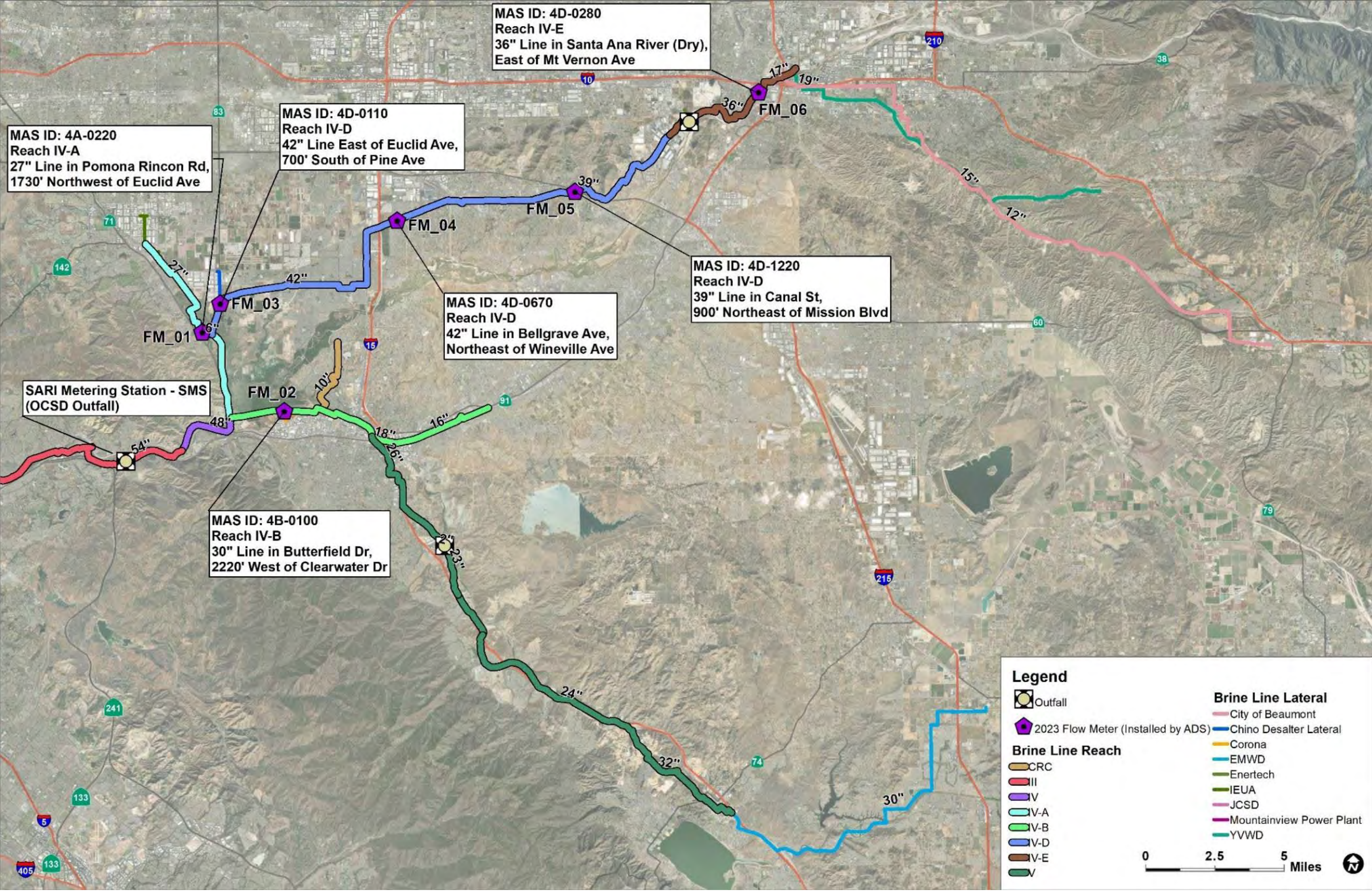
A SCADA system was identified in the Capital Improvement Program (CIP) for enhanced monitoring of the Brine Line.



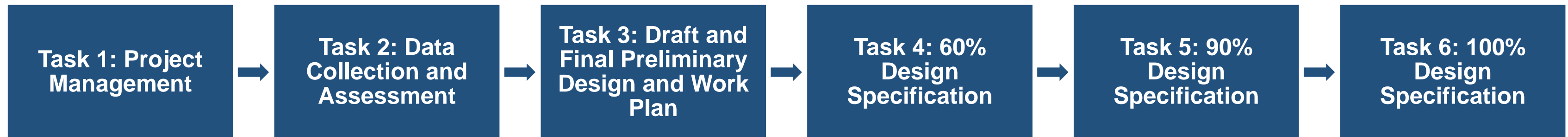
SCADA System Design Steps

- Development of a bid-ready Design Specification
- Phases of implementation to be discussed and determined in conjunction with SAWPA staff in the development of a Work Plan
- Design Specification and Work Plan to be presented to PA 24





SCADA – Scope of Work



- The Scope of the Design Specification includes
 - Master Station & Operator Workstations
 - Up to 36 Discharger Monitoring Connections
 - 5 In-Line Monitoring Sites
 - Necessary PLC's, Network Architecture, Alarm Management, Data Historian

Selection Process

- In March 2025, staff issued an RFP for professional services for the SCADA Design Specification and Work Plan.
- 2 proposals were received on April 16, 2025
 - SOAP Engineering
 - Dudek
- Proposals were reviewed and both firms participated in an interview with SAWPA staff.

Selection Process

- Firms were evaluated based on the criteria established in the RFP.
- Dudek was selected as most qualified.

FIRM	FEE PROPOSAL	SCORE
SOAP Engineering (1)	\$82,500	44
Dudek	\$155,924	90

(1) Proposal does not address all tasks identified in the RFP.

SCADA Implementation Schedule

SCADA Implementation	Schedule
Design Specification and Work Plan	May - November 2025
Present Work Plan to PA - 24	December 2025
Phase 1 Implementation (Master station and monitoring of key dischargers)	January - June 2026
Additional Phases (1) (5 In-line Monitoring Stations) (all dischargers)	Note 1

(1) The SCADA Work Plan will include the Phases of implementation, estimated costs and schedule

Recommendation

That the Project Agreement 24 Committee authorize the General Manager to execute a General Services Agreement and Task Order DUDK240-13 with Dudek in the amount not to exceed \$155,924 to provide professional services for the preparation of the SCADA Design Specification Work Plan.

Questions?

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