



**AGENDA AND MEETING NOTICE
OF THE NORTH TAHOE PUBLIC UTILITY DISTRICT
DEVELOPMENT AND PLANNING COMMITTEE**

Monday, October 13, 2025 at 1:30 p.m.

**North Tahoe Public Utility District
Administrative Offices
875 National Avenue
Tahoe Vista, CA 96148**

**Welcome to a meeting of the North Tahoe Public Utility District
Development & Planning Committee**

A meeting of the North Tahoe Public Utility District Development & Planning Committee will be held on Monday, September 8, 2025, at 1:00 p.m. at the North Tahoe Public Utility District Administrative Offices, 875 National Ave. Tahoe Vista, CA 96148

The District welcomes you to its meetings. Your opinions and suggestions are encouraged. The meeting is accessible to people with disabilities. In compliance with Section 202 of the Americans with Disabilities Act of 1990 and in compliance with the Ralph M. Brown Act, anyone requiring reasonable accommodation to participate in the meeting should contact the North Tahoe Public Utility District office at (530) 546-4212, at least two days prior to the meeting.

All written public comments received by 12:30 p.m. on Monday, October 13, 2025 will be distributed to the District Board Committee Members for their consideration at the meeting. Written comments may be emailed to mmoga@ntpud.org, mailed or dropped-off at NTPUD's Administrative Offices located at 875 National Ave., Tahoe Vista, CA. 96148.

1. CALL TO ORDER

- 2. PUBLIC COMMENT** – *Any person wishing to address the Development & Planning on Items on the agenda or matters of interest to the District not listed elsewhere on the agenda may do so at this time. Please limit comments and questions to three (3) minutes since no action can be taken on items presented under Public Comment.*

3. TOPICS OF DISCUSSION

- a. Review and Discuss Authorizing the General Manager to Execute a Professional Services Agreement for a Water System Consolidation Engineering Study – Recommendation to Full Board (*Pages 2-9*)
- b. Review and Discuss Awarding a Construction Contract, Authorizing the General Manager to Execute the Agreement with GSP Construction, Inc. for the NTEC South Restroom Renovation Project, and Find that the Agreement is Exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines § 15301 (Existing Facilities) – Recommendation to Full Board (*Pages 10-13*)
- c. Review and Discuss Awarding a Construction Contract, Authorizing the General Manager to Execute the Agreement with KG Walters Construction Co., Inc for the Satellite Pump Station Construction Contract, and Find that the Agreement is Exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines § 15301 (Existing Facilities) – Recommendation to Full Board (*Pages 14-23*)

4. ADJOURNMENT



NORTH TAHOE PUBLIC UTILITY DISTRICT

DATE: October 14, 2025

ITEM: F-3

FROM: Planning and Engineering Department

SUBJECT: Authorize the General Manager to Execute a Professional Services Agreement for the Water System Consolidation Technical Report

RECOMMENDATION:

Authorize the General Manager to execute a Professional Services Agreement, in the amount of \$125,640, with Psomas for the preparation of the Water System Consolidation Technical Report (Project #2663).

DISCUSSION:

The NTPUD owns and operates three separate water systems on the north shore of Lake Tahoe. Each of the three water systems is separated from the other by two private water systems, Fulton Water Company (FWC) and Agate Bay Water Company (ABWC). NTPUD recently utilized a Placer County Water Agency (PCWA) grant to hire Psomas to complete a hydraulic model, consistent with the District's own hydraulic model of its systems, of the FWC and ABWC water systems for system evaluation. The hydraulic model ran simulations for average day and maximum day demand conditions and assessed operating pressures in the system. Fire flow simulations were also conducted to determine available flows at existing hydrants. The proposed scope of work will build on these initial evaluations and determine the improvements necessary for system consolidation.

The Water System Consolidation Study will evaluate FWC and ABWC water systems to determine the improvements necessary to consolidate with the NTPUD water systems. The study will include a planning-level asset condition evaluation of FWC and ABWC storage reservoirs, surface water supplies, groundwater supplies, watermain, valving, fire hydrants, and water meters. System deficiencies will be identified, and recommendations for improvements will be prioritized. The study will also take into consideration NTPUD water system adjacencies to meet daily, peak and fire flow water demands. This consolidation study will be utilized for a submittal for State Revolving Funds to fund potential consolidation. The proposed scope of work is attached to this memorandum.

The District has selected Psomas to provide engineering consulting services for the Water System Consolidation Technical Report. Psomas has prepared the District's hydraulic water model and has completed previous water system consolidation studies for water agencies within the Placer County Water Agency's boundaries.

FISCAL ANALYSIS:

NTPUD has received a PCWA grant of \$75,000 to fund the NTPUD, Agate Bay, and Fulton Water System Consolidation Study, under PCWA's 2025 Financial Assistance Program. This project is included in the Fiscal Year 2025/26 Capital Budget for the Water Fund as Water System Consolidation, Project # 2663 with an available budget of \$200,000. There is sufficient budget to allow the completion of the proposed Professional Services Agreement with Psomas.

STRATEGIC PLAN ALIGNMENT:

Goal 3: Enhance District governance and partnerships – Objective E: Identify opportunities to minimize redundancies with neighboring special districts and private water systems – Tactic 3: Assess making the water system consistent via consolidation of private water providers within the District's boundary.

ATTACHMENTS:

Psomas, Water System Consolidation Technical Report – Proposed Scope of Services and Fee Estimate

MOTION:

Approve Staff Recommendation

REVIEW TRACKING:

Submitted By:		Approved By:	
	Joseph J. Pomroy, P.E.		Bradley A. Johnson, P.E.
	Engineering & Operations Manager		General Manager/CEO

Reviewed By:	
	Patrick Grimes
	Chief Financial Officer

September 25, 2025

Joe Pomroy
NORTH TAHOE PUBLIC UTILITIES DISTRICT
875 National Avenue
Tahoe Vista, CA 96148

Subject: Proposal for Water System Consolidation Technical Report

Dear: Joe

The State Water Resources Control Board (SWRCB) encourages the use of the Drinking Water State Revolving Fund (DWSRF) for the consolidation of water systems. Psomas has coordinated with NTPUD, Fulton Water, and Agate Bay Water staff to develop GIS and InfoWater models of the Fulton and Agate systems. Psomas has incorporated these models into the NTPUD hydraulic model to evaluate the consolidation of these water systems.

The attached scope of work (Attachment A) will evaluate the Fulton and Agate water systems integration into the District's system through proposed interconnections and system improvements. Currently, the five systems (three District systems plus Fulton and Agate) operate independently, each with their own sources of supply. There is also a small, independent system within the Fulton service area called the Links system. These systems have a combined total of 15 individual pressure zones. The consolidation of the Fulton and Agate systems into NTPUD would provide a connected system with greater reliability and operational flexibility.

This analysis will evaluate and provide recommendations for the overall hydraulic structure of the combined system including consolidated pressure zones and sources of supply. Model simulations will be utilized to analyze various alternative improvements to combine the systems, provide adequate service pressure and fire flow, and optimize operation and supply sources. This planning level analysis will provide recommended capital improvement projects for the development of the consolidated system.

The results of this analysis will be documented in a Technical Report with information included as part of the Technical Package and application to the SWRCB for design and construction funding through the DWSRF for consolidation projects.

We propose to accomplish this work effort on a time and materials basis for a fee of \$125,640 which would not be exceeded without prior authorization from the District. The proposed fee schedule is included in Attachment B.

Page 2 of 5
September 25, 2025

Please feel free to contact me at (714) 481-7919 if you have any questions regarding this proposal.

Sincerely,

P S O M A S

A handwritten signature in dark ink, appearing to read "Kim Alexander". The signature is fluid and cursive, with the first name "Kim" being more prominent and the last name "Alexander" following in a similar style.

Kim Alexander, P.E.
Project Manager

Enclosure:

Attachment A – Scope of Work

Attachment B – Fee Schedule

Attachment C – DWSRF Technical Application Outline (showing proposed split between District and Psomas responsibilities)

ATTACHMENT A

North Tahoe Public Utility District

System Consolidation Technical Report

Scope of Work

1. Description of Existing Facilities – Inventory and summarize water facilities for each system including sources of supply, storage, treatment, distribution, meters, standby power, and SCADA system. Evaluate current conditions including adequacy of water supply, current capacity, age of facilities, and water quality. Provide a schematic and map of the existing water system with facilities for each system.
2. Water Demand Analysis – Water demands have previously been developed for each system based on supply volumes and metered use. Summarize demand data and document the methodology used to determine system demands including average day demand, maximum day demand, and peak hour demand.
3. Consolidation Alternatives – Develop alternative improvements for consolidation of the Agate and Fulton Systems with the NTPUD system. The Fulton system is located between NTPUD's Carnelian Bay and Dollar Hill water service areas. The Agate Bay system is located between NTPUD's Kings Beach and Carnelian Bay water service areas.

Run model simulations to develop and evaluate various consolidation alternatives. This analysis will include the evaluation of combined system pressure zones and sources of supply. Combining the systems will require a combination of new and improved distribution pipelines, pressure-regulating valves, and/or pump stations.

The potential interconnections by system and pressure zone are as follows:

- Agate Lake Zone to Kings Beach Zone 1C
- Agate Spring Zone to Kings Beach Zone 1C
- Agate Lake Zone to Carnelian Bay Zone 1
- Agate Spring Zone to Carnelian Bay Zone 1
- Fulton Zone 1 to Carnelian Bay Zone 1
- Fulton Zone 1 to Dollar Hill
- Fulton Zone 2 to Dollar Hill

4. Develop Preferred Alternatives – Review consolidation alternatives with District staff to select preferred solutions based on system hydraulics, operation and maintenance considerations, construction and site considerations including ownership and easements, and other potential project impacts.

Run model simulations to evaluate preferred alternative solutions for the consolidation of the water systems. Model output will provide operating pressures at model junctions and available fire flow at hydrants at the required fire pressure of 20 psi. These results will be compared with existing output for the individual systems using output tables and/or color-coded maps.

5. Additional Buildout Improvements – Evaluate required improvements to meet NTPUD design criteria, including fire flow. While the consolidated systems provide improved service reliability, there are areas within the Fulton and Agate systems that do not meet NTPUD design criteria due to facility capacity limitations. Additional improvements, beyond system consolidation, are required to provide adequate service pressure and fire flow throughout the combined systems. Psomas will use the combined system model to develop improvements to provide adequate fire flow and service pressures throughout the consolidated systems.
6. Capital Improvement Plan - Develop capital improvement projects to consolidate the systems and provide water service that meets District design criteria. Projects include new and/or improved pump stations, pressure regulating valves, storage, and distribution pipelines. Improvements will be categorized as consolidation and/or capacity improvements. Planning level capital cost estimates for the recommended projects will be developed based on unit prices to be provided by the District. Psomas will provide planning level costs for storage tanks and pump stations.

Existing and proposed supply, pumping, transmission, and storage facilities will be identified by combined system pressure zone in an improved system schematic and facilities map.

7. Technical Report – Psomas will develop a technical report to document the analysis described in this scope of work and to be incorporated in the Technical Application for SWRCB construction funding through the DWSRF for consolidation projects. This document will provide the existing system description, consolidation analysis, and recommended improvement projects required in sections of the SWRCB Technical Application. An electronic draft of the technical report will be submitted to the District for review and comment; comments will be incorporated into a final document.

Assumptions and Exclusions:

The Technical Report will provide a description of existing facilities, hydraulic analysis, and recommendations for system consolidation as described in this scope of work. This work effort does not provide the complete Technical Application Engineering Report. Additional information and coordination with District staff will be required for completion of the Engineering Report. Sections of the report completed by Psomas are provided along with the Technical Application Engineering Report outline in Attachment C.

District staff to provide information related to evaluation of the existing system including condition, water quality, treatment, meters, meter reading, standby power, SCADA system (radio or cellular, alarms and response), and O&M practices. Condition assessment of facilities is not included.

District staff provide information on potential environmental impacts, land requirements, easements, construction and site considerations, and costs related to the evaluation of project alternatives.

District staff to provide information related to the 'Problem Description' in the Technical Application including description of 'non-compliant' public water systems 'lacking the necessary technical, managerial, and financial capacity to achieve compliance with safe drinking water standards' as described in the SWRCB Guidelines for Consolidation.

Unit costs for capital improvement projects to be provided by the District including needed ROW and land purchases. Psomas will provide planning level costs for storage tanks and pump stations.

ATTACHMENT B
System Consolidation Technical Report
Fee Schedule

		QA/QC	Project Manager	Project Engineer	Civil Engineer Designer	Project Assistant	Total Psomas Hours	Total Labor
Hourly Rates		\$275	\$225	\$210	\$140	\$130		
Task 1: Description of Existing Facilities								
1.1	Inventory water facilities	0	12	0	16	4	32	\$5,460
1.2	Evaluate condition and capacity	2	20	0	20	0	42	\$7,850
1.3	System schematic and map	0	8	0	20	0	28	\$4,600
	Total Task 1	2	40	0	56	4	102	\$17,910
Task 2: Water Demand Analysis								
2.1	Prepare water demand analysis	2	16	0	8	0	26	\$5,270
	Total Task 2	2	16	0	8	0	26	\$5,270
Task 3: Consolidation Alternatives (4 Alternatives)								
2.1	Pressure zone realignment	2	16	0	16	0	34	\$6,390
2.2	Consolidation scenarios analysis	2	40	0	20	0	62	\$12,350
	Total Task 3	4	56	0	36	0	96	\$18,740
Task 4: Develop Preferred Alternative								
4.1	Evaluate consolidation alternatives and develop preferred alternate	4	40	0	8	2	54	\$11,480
4.2	Analysis and output for preferred alternative	0	16	0	20	0	36	\$6,400
	Total Task 4	4	56	0	28	2	90	\$17,880
Task 5: Additional Buildout Improvements								
5.1	Develop improvements to meet NTPUD criteria	4	40	0	16	0	60	\$12,340
5.2	Analysis and output for recommended improvements	0	16	0	20	0	36	\$6,400
	Total Task 5	4	56	0	36	0	96	\$18,740
Task 6: Capital Improvement Plan								
6.1	Summarize consolidation and buildout improvements	0	16	0	16	0	32	\$5,840
6.2	Planning level capital cost estimates	4	16	40	8	0	68	\$14,220
6.3	Improved system schematic and facilities map	2	8	0	20	0	30	\$5,150
	Total Task 6	6	40	40	44	0	130	\$25,210
Task 7: Preparation of Technical Report								
7.1	Prepare Technical Report	4	40	0	20	4	68	\$13,420
	Total Task 7	4	40	0	20	4	68	\$13,420
Task 8: Project Meetings and Administration								
1.1	Project Management	4	12	0	4	4	24	\$4,880
1.2	Kickoff Meeting	1	3	0	2	0	6	\$1,230
1.3	Project Meetings (4)	0	8	0	4	0	12	\$2,360
	Total Task 8	5	23	0	10	4	42	\$8,470
Grand Total (All Tasks)		31	327	40	238	14	650	\$125,640



NORTH TAHOE PUBLIC UTILITY DISTRICT

DATE: October 14, 2025

ITEM: F-5

FROM: Planning and Engineering Department

SUBJECT: Award a Construction Contract, Authorize the General Manager to Execute the Agreement with GSP Construction, Inc. for the NTEC South Restroom Renovation Project, and Find that the Agreement is Exempt from the California Environmental Quality Act (CEQA) Under CEQA Guidelines § 15301 (Existing Facilities)

RECOMMENDATION:

1. Award a construction contract, and authorize the General Manager to execute the agreement with GSP Construction, Inc. for the NTEC South Restroom Renovation Project in the amount of \$346,000; and authorize up to 10% of the construction contract, \$35,000 as construction reserves executable by the General Manager.
2. Find that approval of the agreement is exempt from CEQA as repair, maintenance, and/or minor alterations of existing facilities.

DISCUSSION:

The North Tahoe Event Center's (NTEC) South Restrooms (lakeside or upper restrooms) have not been significantly updated since the major renovation project in 1987 that converted the building from a bowling alley to the event center it is today. In 2023, Goring and Straja Architects completed the NTEC Re-Visioning Feasibility Study and identified a need to renovate the restroom. Additionally, the current and previous Event Center Managers have stated that the current condition of the restroom negatively impacts bookings. The proposed renovation will better align the facility with modern standards and help move the NTEC into higher yield bookings.

The NTEC South Restroom Renovation Project will retile and repaint all walls, provide new flooring tile, new countertops and sinks, new toilet stall partitions, improve accessibility, and reconstruct the existing handicap ramp in the hallway to comply with current building codes and the Americans with Disabilities Act.

The project's design was completed by Goring and Straja Architects. The design was completed in September 2025, and the project was publicly advertised for bids.

Construction Contract:

The project was advertised for bids on September 5 & September 12, 2025. The bid results are shown below.

- Bid Period: 9/5/2025 – 10/1/2025
- Bids Received: 6
- Base Bid Range: \$346,000 to \$649,113 (see table below)
- Engineer's Construction Estimate: \$290,000

Contractor	Bid Amount
GSP Construction, Inc.	\$346,000
Prosser Building & Development, Inc.	\$629,182
DML Construction	\$649,113
Commers Construction, Inc. ¹	-
CWS Construction Group, Inc. ²	-
DGN Builds, Inc. ²	-

¹ Commers Construction, Inc.'s bid deemed NON-RESPONSIVE. The Contractor's license contains an irregular status stating, "*The license may be suspended at a future date due to association with another license for failure to comply with an outstanding liability.*" Additionally, Commers Construction, Inc. failed to notarize its submitted bid bond.

² CWS Construction Group, Inc. and DGN Builds, Inc. bids deemed NON-RESPONSIVE. The original bid bond was not received by the bid opening date & time.

The bids were reviewed by Staff, and GSP Construction, Inc. is the lowest responsive bidder at \$346,000.

Award of this agreement is exempt from CEQA under CEQA Guidelines § 15301 as repairs, maintenance, and minor alterations of existing facilities. Staff has already filed a Notice of Exemption for the project.

Professional Services Contracts:

A professional support service has been identified to ensure the successful delivery of the proposed project. This consultant provides industry-specific expertise to facilitate project completion. Staff will still oversee and maintain engagement in project delivery; however, the outside support services proposed allow Staff to additionally focus on other capital projects currently in the design and construction phases.

During construction, Staff's primary duties are to oversee day-to-day construction activities, ensure the project meets the District's specifications and objectives, and provide general project management. The specific roles and responsibilities of each consultant are as follows:

Vendor	Role/Responsibility	
Goring and Straja Architects	Architectural and Design Services During Construction	QA/QC

Construction Phase Costs:

The following table provides an estimate to complete the construction phase of the project. The table includes the capitalization of Staff costs associated with the execution of the project.

Construction Phase Costs

GSP Construction, Inc.	\$346,000	<u>Construction:</u> \$381,000 (90%)
10% Construction Contingency	\$35,000	
Goring and Straja Architects	\$20,000	<u>Professional Services:</u> \$20,000 (5%)
NTPUD Staff	\$20,000	<u>Staff Time</u> \$20,000 (5%)
Total:	\$421,000	

The total projected construction cost is estimated to be \$421,000.

If awarded, the project will begin immediately with the issuance of contracts and review of material submittals from the contractor. The NTEC will remain partially open during construction, but the project has been scheduled to avoid the busiest times of the year. Construction will occur between December 8, 2025, and February 11, 2026.

FISCAL ANALYSIS:

The proposed Fiscal Year (FY) 2025-2026 Capital Budget includes \$350,000 for NTEC – Bathroom Remodel in the Recreation & Parks Fund. The project's construction phase costs are estimated to be \$421,000. Staff proposes utilizing the \$60,000 identified for NTEC – Lakeview Lighting in the FY 2025-2026 Capital Budget and \$11,000 from savings from other projects within the FY 2025-2026 Recreation & Parks Fund Capital Budget to accommodate the contract value. Staff will continue to monitor the

Recreation & Parks Fund Capital Budget and will agendize a formal budget augmentation at a future meeting, should doing so become necessary.

STRATEGIC PLAN ALIGNMENT:

Goal 2: Provide high-quality community-driven recreation opportunities and event facilities – Objective C: Capitalize on the North Tahoe Event Center (NTEC) as our community's lakefront asset for year-round events and programming. Tactic 3: Continue to expand on NTEC's potential to be a revenue-generating facility for private events.

Goal 2: Provide high-quality community-driven recreation opportunities and event facilities – Objective F: Uphold maintenance and capital investment of existing facilities to ensure their vitality for generations to come. Tactic 3: Prioritize capital project planning and delivery of Park and Facility enhancements and new infrastructure.

Goal 4: Sustain and strengthen organizational resources, expertise, and culture – Objective F: Ensure the District's support facilities are well maintained and adequate for all operations.

MOTION: Approve Staff Recommendation

REVIEW TRACKING:

Submitted By: 
Joseph J. Pomroy, P.E.
Engineering & Operations Manager

Approved By: 
Bradley A. Johnson, P.E.
General Manager/CEO

Reviewed By: 
Patrick Grimes
Chief Financial Officer



NORTH TAHOE PUBLIC UTILITY DISTRICT

DATE: October 14, 2025

ITEM: G-2

FROM: Planning and Engineering Department

SUBJECT: Award a Construction Contract, Authorize the General Manager to Execute the Agreement with KG Walters Construction Co., Inc for the Satellite Pump Station Improvements Project – Phase 1 and Find that the Agreement is Exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines § 15301 (Existing Facilities)

RECOMMENDATION:

1. Award a construction contract and authorize the General Manager to execute the agreement with KG Walters Construction Co., Inc. for the Satellite Pump Station Improvements Project – Phase 1 in the amount of \$1,597,000; and authorize up to \$117,000, as construction reserves executable by the General Manager.
2. Authorize the General Manager to execute a change order to remove improvements to sewer pump station D6 from the construction contract in a deductive amount of \$430,000.
3. Find that approval of the Agreement is exempt from CEQA as repair, maintenance, and/or minor alterations of existing facilities under CEQA guidelines § 15301 (Existing Facilities).

DISCUSSION:

Consistent with the District's 5-year Capital Improvement Plan, the Satellite Pump Station Improvements Project – Phase 1 will rehabilitate three 1970s era, sewer pump stations – C2, D4, and D6. The project improvements include new electrical and mechanical components, interior coatings, and replacement of other associated appurtenances to modernize the stations.

The project was designed by DOWL via a contract authorized by the Board of Directors at the January 14, 2025 meeting.

Construction Contract:

The project was advertised, titled as *C2, D4, and D6 Sewage Pump Station Improvement Project*, for bids on August 1, 2025 and August 8, 2025, and bids were opened on August 28, 2025. Bid results are shown below.

- Bid Period: 8/1/2025 – 8/28/2025
- Bids Received: 2
- Bid Range: \$1,597,000 – \$2,062,660(see table below)
- Engineer's Construction Estimate: \$1,000,000

Contractor	Bid Amount
KG Walters Construction Co., Inc.	\$1,597,000
Resource Development Company	\$2,062,660

The bids were reviewed by District Staff. KG Walters Construction Co., Inc. is the lowest responsive bidder at \$1,597,000.

NTPUD Staff discussed the higher than anticipated bid results with K.G. Walters to gain a better understanding of the construction cost relative to the engineer's estimate. It was determined that the electrical portion of the project is more expensive than estimated. In particular, the cost of electrical components and skilled electrical labor is being driven upward in the region by high demand at the data centers under construction in and around the Tahoe Reno Industrial Center.

Due to the higher than anticipated bid, Staff is proposing a deductive change order to remove improvements to satellite pump station D6 from the construction contract. Doing so allows a project to move forward this fiscal year and address the higher risk stations of C2 and D4. Several of the new components are anticipated to have long lead times and awarding the project now will allow construction to proceed during the 2026 construction season.

In addition to the work completed under the proposed contract, an electrical service upgrade by Liberty Utilities at Satellite Station D4 must be completed before construction of the project can commence. A service application has been submitted to Liberty with construction of the necessary upgrades anticipated to occur in early Spring 2026.

Professional Services Contracts:

A professional support service has been identified to ensure the successful delivery of the proposed project. This consultant provides industry-specific expertise to facilitate project completion. Staff will still oversee and maintain engagement in project delivery; however, the outside support services proposed allow Staff to additionally focus on other capital projects currently in the design and construction phases.

During construction, Staff's primary duties are to oversee day-to-day construction activities, ensure the project meets the District's specifications and objectives, and provide general project management. The specific roles and responsibilities of each consultant are as follows:

Vendor	Role/Responsibility	
DOWL	Engineering and Design Services During Construction	QA/QC

Construction Phase Costs:

The following table provides a project-level estimate to complete the construction phase of the project. The table includes the capitalization of Staff costs involved in the execution of the project.

Construction Phase Costs

KG Walters Construction Co., Inc.	\$1,597,000	<u>Construction:</u> \$1,459,000 (88%)
10% Construction Reserve	\$117,000	
Change Order #1 - Deductive	(\$430,000)	
DOWL	\$75,000	<u>Professional Services:</u> \$75,000 (5.2%)
Liberty Utilities	\$50,000	<u>Electrical Service Upgrade:</u> \$50,000 (3.4%)
NTPUD Staff	\$50,000	<u>Staff Time</u> \$50,000 (3.4%)
Total	\$1,459,000	

If the contract is awarded and the deductive change order authorized, the total projected project cost is estimated to be \$1,459,000.

If awarded, the project will begin immediately with the issuance of contracts and review of material submittals from the contractor. Construction mobilization is expected to occur in Spring 2026, with the project completion by October 15, 2026.

Award of this agreement is exempt from CEQA under CEQA Guidelines § 15301 as repairs, maintenance, and minor alterations of existing facilities. Staff has already filed a Notice of Exemption for the project.

FISCAL ANALYSIS:

The five-year Capital Improvement Plan (CIP) identifies improving the eight (8) remaining original Model 16 satellite sewer pump stations over three (3) years. Based on the construction costs received for this project, staff now recommends completing the improvements over a period of four (4) years. Completing the improvements over four (4) years, delaying the Gravity Main Rehabilitation and Replacement Project for two (2) years, and allocating those funds to the sewer pump station improvement project will allow the proposed projects to proceed without increasing the 5-year CIP. The attached PowerPoint presentation outlines this approach in greater detail.

Final revisions to the CIP would be developed for Board approval during the annual budget process.

The Fiscal Year (FY) 2025/26 Capital Budget includes \$1,200,000 for Satellite PS Improvement Project – 3 Stations Phase 1 and FY 2026/27 includes \$600,000 for Satellite PS Improvement Project – 2 Stations Phase 2. A total of \$1,800,000 is available for the project. By awarding the proposed contracts, the Board is committing to the execution of these multi-year contractual obligations.

STRATEGIC PLAN ALIGNMENT:

Objective 2: Maintain Highest Level of Safe Sustainable Sewer and Water Service –
Goal 2.4: Ensure Capital Funding is Adequate to Sustain Systems: Sewer, Water, Base.


Objective 2: Maintain Highest Level of Safe Sustainable Sewer and Water Service –
Goal 2.5: Prioritize Capital Projects using industry standards and field observations


Objective 2: Maintain Highest Level of Safe Sustainable Sewer and Water Service –
Goal 2.6: Maintain Safe System Uptime – Tactic d: Schedule and Maintain repairs on all Water and Sewer Assets.

ATTACHMENTS: Satellite Pump Station Improvements Project – Phase 1 PowerPoint

MOTION: Approve Staff Recommendation

REVIEW TRACKING:

Submitted By: 
Joseph J. Pomroy, P.E.
Engineering & Operations Manager

Approved By: 
Bradley A. Johnson, P.E.
General Manager/CEO

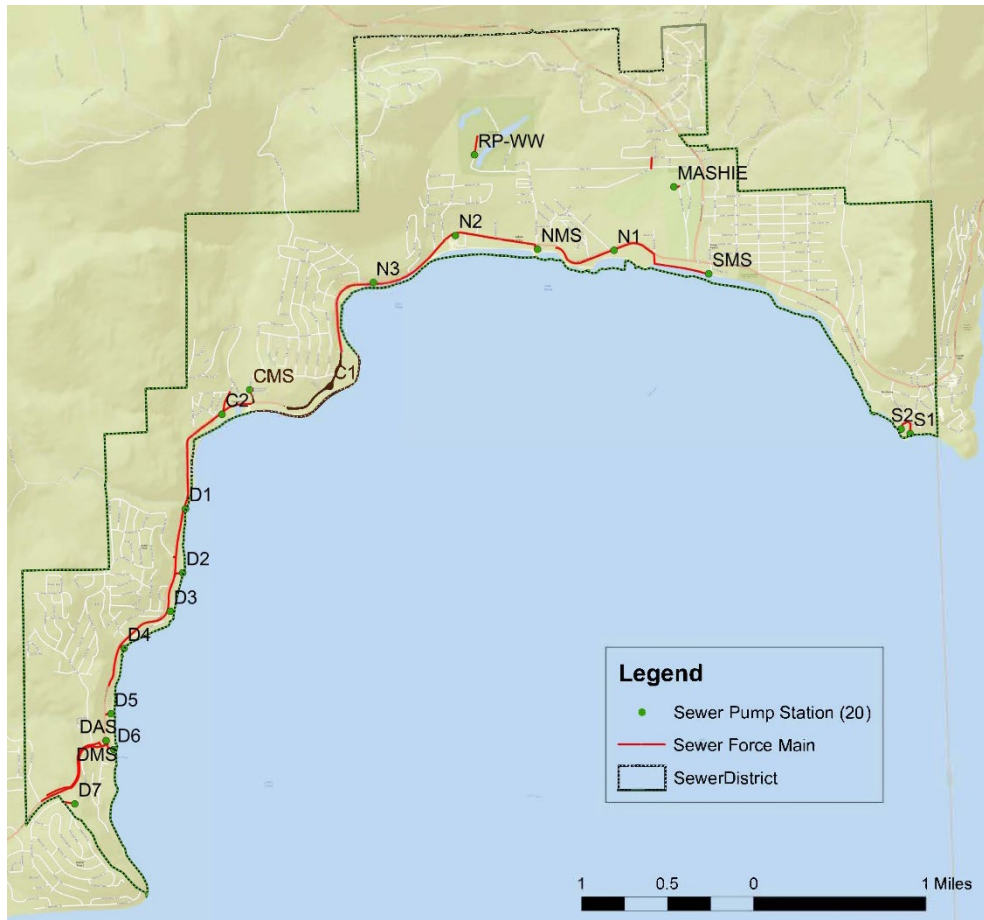
Reviewed By: 
Patrick Grimes
Chief Financial Officer

Satellite Pump Station Improvements Project – Phase 1

October 14, 2025



Satellite Pump Station Improvements Project – Phase 1



20 - Sewer Pump Stations (SPS)

- 4 – Main SPS Rehabilitation
 - Secline – 2011
 - National – 2022
 - Carnelian – 2018
 - Dollar – 2014
- Satellite SPS Rehabilitation
 - N1 – 2021
 - S1, S2, N2, D2, and D5 – 2024
- SPSs Not Yet Rehabilitated
 - C1, C2, N3, D1, D3, D3, D6, D7
 - Mashie and Park

Satellite Pump Station Improvements Project – Phase 1



Existing 5-Year Capital Improvement Plan (CIP) (Adopted June 2025) includes:

- 3 – SPS Rehabilitated in FY2025/2026, \$1,280,000
- 2 – SPS Rehabilitated in FY2026/2027, \$700,000
- 3 – SPS Rehabilitated in FY2027/2028, \$1,140,000
- 2 – Grinder SPS in FY2028/2029, \$200,000

Construction Costs are Higher than Anticipated

- Long lead times on electrical components persist
- Electrical Contractors and components are in high demand at Data Centers/ Tahoe Reno Industrial Center which is driving up industrial electrical construction costs

Satellite Pump Station Improvements Project – Phase 1



Proposed 5 - Year Capital Improvement Plan:

- 2 – SPS Rehabilitated in FY2025/2026, \$1,280,000
- 2 – SPS Rehabilitated in FY2026/2027, \$880,000
- 2 – SPS Rehabilitated in FY2027/2028, \$1,580,000
- 2 – SPS Rehabilitated in FY2028/2029, \$1,550,000
- 2 – Grinder SPS in FY2029/2030, \$1,300,000
- Delay Gravity Main Rehabilitation and Replacement Project 2 Years
 - Start in FY 2028/2029 instead of FY 2026/2027

The above revisions allow all proposed projects to proceed without increasing the 5-year CIP.

Satellite Pump Station Improvements Project – Phase 1



Existing and Proposed 5-Year Capital Improvement Plan for impacted projects

Existing 5-Year CIP (Adopted June 2025)						
Description	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	Total Budget
Satellite PS Improvements Project - 3 Stations Phase 1	\$ 1,200,000	\$ -	\$ -	\$ -		\$ 1,200,000
Satellite PS Improvements Project - 2 Stations Phase 2	\$ 80,000	\$ 600,000	\$ -	\$ -		\$ 680,000
Satellite PS Improvements Project - 3 Stations Phase 3	\$ -	\$ 100,000	\$ 1,100,000	\$ -		\$ 1,200,000
Grinder Station Replacement			\$ 40,000	\$ 200,000		\$ 240,000
Gravity Main Rehabilitation and Replacement		\$ 50,000	\$ 800,000	\$ 1,600,000	\$ 1,700,000	\$ 4,150,000
Total Capital of Above Projects	\$ 1,280,000	\$ 750,000	\$ 1,940,000	\$ 1,800,000	\$ 1,700,000	\$ 7,470,000

Proposed 5-Year CIP						
Description	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	Total Budget
Satellite PS Improvements Project - 2 Stations Phase 1	\$ 1,200,000	\$ 300,000	\$ -	\$ -		\$ 1,500,000
Satellite PS Improvements Project - 2 Stations Phase 2	\$ 80,000	\$ 500,000	\$ 1,000,000			\$ 1,580,000
Satellite PS Improvements Project - 2 Stations Phase 3		\$ 80,000	\$ 500,000	\$ 1,000,000		\$ 1,580,000
Satellite PS Improvements Project - 2 Stations Phase 4			\$ 80,000	\$ 500,000	\$ 1,000,000	\$ 1,580,000
Grinder Station Replacement				\$ 50,000	\$ 330,000	\$ 380,000
Gravity Main Rehabilitation and Replacement				\$ 50,000	\$ 800,000	\$ 850,000
Total Capital of Above Projects	\$ 1,280,000	\$ 880,000	\$ 1,580,000	\$ 1,600,000	\$ 2,130,000	\$ 7,470,000

Satellite Pump Station Improvements Project – Phase 1



Next Steps

- Award Construction Contract and Authorize Deductive Change Order
- Staff will revise the 5-Year Capital Plan for the Satellite Pump Station Improvement Projects during Fiscal Year 2026/2027 Budget process