



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

Monday, October 12, 2026 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, October 12, 2026, at 1:30 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 12, 2026 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 Awarding 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 (C-1 and D-3) 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 2-5)
- b. Review and Discuss Authorizing the General Manager to Execute a Professional Services Agreement with DOWL, LLC for Engineering Design Services for the Satellite Pump Station Improvement Project – Phase 3 – Recommendation to Full Board (Pages 6-15)
- c. Review and Discuss Authorizing the General Manager to Execute a Professional Services Agreement with Sierra Controls for the SCADA Infrastructure Improvements Project – Recommendation to Full Board (Pages 16-20)
- d. Review and Discuss Approving Resolution 2026-20 Declaring that an Emergency Condition Exists Arising from Damage to the District's Sewer Export Forcemain, Awarding a Construction Contract and Authorizing the General Manager to Execute the Agreement with KG Walters Construction Co., Inc for the 2026 Sewer Export Forcemain Emergency Repair Project, and Finding that the Agreement is Exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines § 15301 (Existing Facilities) – Recommendation to Full Board (Pages 21-46)

4. ADJOURNMENT



NORTH TAHOE PUBLIC UTILITY DISTRICT

DATE: October 13, 2026

ITEM: E-3

FROM: Planning and Engineering Department

SUBJECT: 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 (C-1 and D-3) 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 (C-1 and D-3) in the amount of \$1,051,000; and authorize up to \$105,000, 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 under CEQA guidelines § 15301 (Existing Facilities).

DISCUSSION:

Consistent with the District's 5-year Capital Improvement Plan, the Satellite Pump Station Improvements Project – Phase 2 will rehabilitate two 1970s era, sewer pump stations – C-1 and D-3. The project improvements include new electrical and mechanical components, interior coatings, and replacement of other associated appurtenances to modernize the stations.

DOWL designed the project under a contract authorized by the Board of Directors at the February 10, 2026 meeting.

Construction Contract:

The project, titled *C1 and D3 Sewage Pump Station Improvement Project*, was advertised for bids on August 28, 2026, and September 4, 2026, and bids were opened on September 24, 2026. Bid results are shown below.

- Bid Period: 8/28/2026 – 9/24/2026
- Bids Received: 2

- Bid Range: \$1,051,000 – \$1,269,200 (see table below)
- Engineer's Construction Estimate: \$1,100,000

Contractor	Bid Amount
KG Walters Construction Co., Inc.	\$1,051,000
Resource Development Company	\$1,269,200

The bids were reviewed by District Staff. KG Walters Construction Co., Inc. is the lowest responsive bidder at \$1,051,000.

In addition to the work completed under the proposed contract, electrical service upgrades by Liberty Utilities at Satellite Stations C-1 and D-3 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 late fall 2026 or early Spring 2027.

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.	\$1,051,000	<u>Construction:</u> \$1,156,000 (88%)
10% Construction Reserve	\$105,000	

DOWL	\$50,747	<u>Professional Services:</u> \$50,747 (4%)
Liberty Utilities	\$50,000	<u>Electrical Service Upgrade:</u> \$50,000 (4%)
NTPUD Staff	\$50,000	<u>Staff Time</u> \$50,000 (4%)
Total	\$1,306,747	

The total projected construction cost is estimated to be \$1,306,747.

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 2027, with the project completion by October 15, 2027.

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 Fiscal Years (FY) 2026/27 and 2027/28 Capital Budget has \$468,929 remaining budget and \$900,000 for Satellite PS Improvement Project – 2 Stations Phase 2, respectively for construction. A total of \$1,368,929 is available for the project. There is a sufficient budget to allow the completion of the proposed contracts. By awarding the proposed contracts, the Board is committing to the execution of these multi-year contractual obligations. All remaining funds will be returned to the District reserves.

STRATEGIC PLAN ALIGNMENT:

Goal 1: Provide safe, efficient, sustainable water and wastewater services focusing on industry best practices and continuous improvement – Objective D: Prioritize Capital Project planning and delivery toward uniform service using industry standards, asset condition data, and a focus on climate resilience and emergency preparedness – Tactic 2: Improve sewer system reliability – Activity a: Complete improvements to the eight mid-size sewer pumping stations installed in the early 1970s.

ATTACHMENTS: None

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 13, 2026

ITEM: E-4

FROM: Planning and Engineering Department

SUBJECT: Authorize the General Manager to Execute a Professional Services Agreement with DOWL, LLC for Engineering Design Services for the Satellite Pump Station Improvement Project – Phase 3

RECOMMENDATION:

Authorize the General Manager to execute a Professional Services Agreement, in the amount of \$83,012, with DOWL, LLC for Engineering Design Services for the Satellite Pump Station Improvement Project – Phase 3.

DISCUSSION:

NTPUD is in the process of modernizing our fourteen (14) satellite sewer stations that have been in service since 1970. In 2024, the District completed the replacement of five (5) smaller packaged satellite sewer stations manufactured by Smith and Loveless. The District has taken a phased approach to improving the nine (9) remaining medium-sized satellite stations. These stations were also manufactured by Smith and Loveless and have separate wet wells for the influent wastewater and dry wells that contain duplex pumping equipment. To date, improvements have been completed or are in process at four (4) of these satellite pump stations (N-1, C-2, D-4, and D-6), and in a separate Board action today, NTPUD staff is recommending awarding the construction contract on two (2) additional satellite pump stations (C-1 and D-3). This professional service agreement is to complete the final design and preparation of construction documents for two (2) more medium-sized satellite pump stations (N-3 and D-1).

In 2019, as part of the N-1 Sewer Station Improvements Project, District staff reached out and communicated with six (6) engineering firms qualified to perform pump station design services. The District selected Farr West Engineering to complete that design. Subsequently, in 2021, Farr West Engineering successfully completed the replacement design of the five Model 15 pump stations, and construction is complete. In 2022, DOWL, LLC and Farr West Engineering merged, and the two companies assumed the DOWL name. In 2023, DOWL, LLC was retained by the District to investigate the District's eight (8) Model 16 satellite sewer pumping stations and prepare a preliminary design report. In 2024, DOWL, LLC was retained by the District to prepare 75% Design documents for the eight (8) Model 16 Satellite Sewer Pump Stations. In 2025, DOWL, LLC completed the design for the rehabilitation of the three (3) highest-risk stations (C-2, D-4, and D-6) as the first phase of this multi-year effort. In 2026, DOWL, LLC completed the design for the rehabilitation of the two additional stations (C-1 and D-3) as the second phase.

The third phase of Model 16 Satellite Sewer Pump Stations rehabilitation design is budgeted in FY 2026/27. Staff solicited a proposal from DOWL, LLC for design services and is recommending engaging their engineering services to prepare construction documents for bidding for two (2) stations, N-3 and D-1. Both stations are Model 16 Smith and Loveless (S&L) duplex wet-pit/dry-pit sewage pump stations. The scope of work includes electrical, civil, mechanical, and structural elements. DOWL's full proposal follows this memorandum.

Completing this phase leaves one (1) remaining medium-sized satellite station and two grinder pump stations to be designed for rehabilitation. The final medium-sized satellite station, D-7, is excluded from this phase as we explore an alternative rehabilitation strategy.

FISCAL ANALYSIS:

This project is included in the FY 2026/27 Capital Budget in the Wastewater Fund as Project #2740, Satellite PS Improvements Project – 3 Stations Phase 3 with an available budget of \$120,000.

STRATEGIC PLAN ALIGNMENT:

Goal 1: Provide safe, efficient, sustainable water and wastewater services focusing on industry best practices and continuous improvement – Objective D: Prioritize Capital Project planning and delivery toward uniform service using industry standards, asset condition data, and a focus on climate resilience and emergency preparedness – Tactic 2: Improve sewer system reliability – Activity a: Complete improvements to the eight mid-size sewer pumping stations installed in the early 1970s.

ATTACHMENTS:

DOWL, LLC Scope of Work for final design of the Satellite Pump Station Project Improvement Project – Phase 3 – Two Stations

MOTION:

Approve Staff Recommendation

REVIEW TRACKING:

Submitted By: 
Joseph J. Pomroy, P.E.
Engineering and Ops Manager

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

Reviewed By: 
Patrick Grimes
Chief Financial Officer

Exhibit A

Scope of Work

PART 1 – INTRODUCTION

North Tahoe Public Utilities District (District) has requested DOWL LLC (DOWL) to submit an engineering scope of work and fee proposal for developing 100% design drawings, and specifications for the rehabilitation of two Smith and Loveless Model 16 Sewage Pump Stations designated as D1, and N3.

The details of the Project are understood to include the following Project Parameters:

- Rehabilitation of the two Model 16 Smith and Loveless (S&L) duplex wet wells– dry well sewage pump stations to include coating, corrosion mitigation, electrical, civil, mechanical, and structural elements for both D1 and N3.
- Replacement of all electrical conductors reusing existing conduits, when possible, new electrical meter, power panels, removal and replacement of original S&L control panels with new equipment.
- Replace pumps, motors, check valves, gate valves, sump pump, and ventilation blowers with the addition of air supply blowers.
- The District intends to Replace, Repair, or Upgrade the following prior to this project and these items are excluded from the DOWL scope.
 - SCADA/RTU Panels, including radio, wire, and antenna.
 - Ventilation Pipes and Ducts
 - Isolation Valves at connections to existing export main
 - Conversion of power for an electrical supply to 208Y.

Phase 1 – Project Management

Objective

To plan, organize, direct, control, and communicate all relevant activities set forth in this SOW within the approved budget and schedule.

Approach

This task will include the following activities:

- Project administration, including schedule development and maintenance, cost control, monthly invoicing, filing, resource allocation, and routine communications.
- Project coordination with manufacturer, operators, constructability, and QC reviews.
- Attend Project kick-off meeting with the District.
- Monitor changes to the scope, budget, schedule and develop change management strategies with the Client.



Assumptions

The following assumptions apply:

- Monthly reports will be provided with timely invoices for the period of service from design to bidding.
- Project-related issues will be identified, communicated, and resolved.

Phase 2 – Survey

Objective

To generate survey and mapping data for development of CAD base maps in support of design activities.

Approach

The following approach applies:

- DOWL field crews will gather topographical field data, accessible utility features, and physical site elements applicable to the Project design.
- Prepare a topographic base map of the Project sites.

Deliverables

The following will be delivered under this task:

- Electronic files for use in preparing design plans.

Assumptions

The following assumptions apply:

- Property lines and ROW will be based on Placer County GIS.
- No new easements will be required.
- Basemap development will be done in a manner that will provide a 1-foot contour interval map.
- Field survey will be completed for each pump station site, and surrounding areas.
- DOWL will coordinate with NTPUD to complete existing utility locating and verification as required for Project design elements.

Title reports and boundary line survey are not part of the topographic base mapping.

Phase 3 – Design

Objective

To develop the Project design drawings and technical specifications that are based data compiled in earlier phases and on review comments from the District at design review milestones. The design will be sequenced as Preliminary, Final, and Construction Document Package. Technical Specifications will be included with the Preliminary as well as Final and the Construction Document Package versions.

District Specified Electrical and Civil Design Requirements

- Stations D1 and N3 - Design
 - Remove abandoned conduits and pipes, seal all openings, improve conduit runs inside drywell, and ensure all wires are in conduits.



- Minor site improvements including asphalt and concrete replacement.
- Work will include demolition of electrical system components, tidying up wiring, tidying up the equipment of the dry wells and installing the new equipment as per the electrical design.
- Restore coatings, ventilation, valves, interior surfaces, and paint.
- Replace hatch covers, at both D1 and N3.
- Replace anodes, at both D1 and N3.
- Undertake bypass pumping during refurbishment.
- Replacement of the original S&L motor control panel with a modern panel.
- Convert the electrical equipment power from 240V three phase to 208V Y three phase power.
- New conductors to both D1 and N3 from Liberty Utility's meter.
- Installation of both D1 and N3, new Distribution boards and downstream electrical equipment.
- Install a portable generator receptacle, and manual transfer switch if required.
- Protect (E) generator at N3 site.
- This project will include site visits to investigate the wiring and breaker configurations. An electrician shall be provided by the District to open equipment.
- Surge protection with indicating lights added to the service pedestals.

Approach

Prepare Preliminary Plans, and Specifications.

This task will include the following activities:

- Preliminary Contract Documents and design documents to include the following:
 - Two site visits by DOWL sub consultant electrical engineer to investigate wiring at both D1 and N3.
 - Preliminary Drawings [Construction Documents]:
 - Civil Sheets, overall site plan, and detail sheets, includes civil, mechanical and structural.
 - Electrical Sheets
 - Demolition plan
 - Preliminary Technical Specifications
 - Quality assurance and quality control of deliverables.
 - Submittal of Preliminary Plans, and Specifications. Complete one (1) Preliminary Submittal review meeting with the District.
 - Incorporate the District comments.
- Final Contract Documents and design documents to include the following:
 - Final Drawings [Construction Documents]:
 - Civil Sheets, overall site plan, and detail sheets, includes civil, and structural.



- Demolition plan
 - Electrical Sheets
 - Final Technical Specifications
 - Quality assurance and quality control of deliverables.
 - Submittal of Final Plans, and Specifications to the District. Complete one (1) Final Submittal review meeting with the District.
 - Incorporate the District comments and coordinate with staff.
- Bid Documents Package to include the following:
 - Construction Drawings [Construction Documents]:
 - Civil Sheets, overall site plan, and detail sheets, includes civil, and structural.
 - Demolition plan
 - Electrical Sheets
 - Technical Specifications for Bidding, including Bid Item Descriptions and Bid Form. (Note: District to provide Contract and General Conditions. District to assemble into Final Specifications.)
 - Quality assurance and quality control of deliverables.
 - Submittal of Plans, and Specifications to the District for review.
 - Finalize and submit Drawings, and Specifications to the District for the advertisement to bid.

Assumptions

The following assumptions apply:

- District personnel will assist DOWL sub consultant electrical engineers during both D1 and N3 site visits and provide an electrician who understands the equipment to open it.
- Bid document submittal will be provided to the District. Solicitation support is included in this SOW under Phase 4.
- The Contractor shall be responsible for obtaining any required permits.
- The Contractor is responsible for application and permit fees.
- County/State encroachment, dust control, or any other permit not listed, will be provided by the Contractor.
- Liberty Energy will provide upgraded 208Y power and metering to both D1 and N3 including but not limited to new upgraded services at both D1 and N3.
- S&L will provide technical and informational support with the refurbishment of existing equipment, to modernize both D1 and N3.

Phase 4 – Bid Services

Objectives

To assist the District in Bidding the project to contractors.

Approach

- Upon completion of the Construction Document Phase, DOWL will:



- Respond to Request for Information, provide clarifications and interpretations to bidding questions, and prepare addendums where required.
- Produce Conformed Plans and Specifications incorporating Addenda during bid phase.

Assumptions

- The District will be responsible for soliciting bids and management of the bidding process.
- Four RFI's.
- One Addenda

Phase 5 - Owner Directed Services

Objective

This task is intended to address additional services that are outside the originally defined scope of work and are requested by the District during the course of the Project. No work will be performed under this task without prior written authorization from the District, including agreement on the scope, level of effort, and compensation for the requested services.

Approach

The following activities are examples of efforts that could be performed as part of this task:

- Evaluation of unforeseen field conditions, utility conflicts, constructability issues, or design clarifications identified during bidding, construction, testing, startup, or commissioning.
- Performance of additional professional services other not otherwise identified in the tasks above and requested by the District during the course of the Project.

Deliverables

The following deliverables will be submitted under this task:

- Deliverables for Owner-Directed Services will be defined and agreed upon at the time such services are authorized in writing by the Owner and will be specific to the scope of the approved services.

Assumptions

The following assumptions apply:

- A \$7,500 contingency fee is included to cover Owner-Directed Services for unforeseen or additional services that may be requested and authorized by the District during the course of the Project.

Phase 5 – Sub Consultant

Objective

To assist DOWL with the electrical design, construction administration, and observation regarding the electrical upgrades.

Approach

- The Engineer shall:
 - Retain the services of sub consultant specializing in electrical engineering licensed in the State of California.

Assumptions

The Scope and Services and Fee Estimate are based on the following assumptions:



- DOWL and/or NTPUD will provide available background information, record drawings, equipment information, review comments, and coordination with other design disciplines reasonably required to complete the electrical design.
- Liberty is anticipated to provide the upgraded 208Y electric service and metering at Stations D1 and N3. MB Engineering's design will be based on utility service characteristics and point-of-connection information furnished by DOWL, NTPUD, and/or Liberty.
- The fee includes one electrical site visit and up to three project/design review meetings, assumed to be conducted remotely. NTPUD will provide site access and an electrician familiar with the existing equipment to assist with opening electrical equipment during field investigation.
- The fee assumes one consolidated round of review comments at each major design submittal and bidding support consistent with the anticipated project bidding effort.



DOWL Project No.: 7363.30244.05

PART 2 – COMPENSATION

Client shall pay Engineer on a Time and Materials basis set forth in this part.:

Time and Materials not to exceed: \$83,012.00.

Construction Design, Technical Specifications, and Bidding (Task 1-6):

Phase Breakdown:

1. Project Management:	\$10,348.00
2. Survey	\$ 8,480.00
3. Design:	\$28,277.00
4. Bid Services:	\$ 5,464.00
5. Owner Directed Services:	\$ 7,500.00
6. Sub Consultant	\$22,943.00
Total	\$83,012.00



PART 3 – SCHEDULE

Current Professional Services Agreement

- Notice to Proceed February 2027
- Submitted for the District Review April 2027
- Advertise for Bids July 2027
- Bid Opening September 2027

Future Professional Services Agreement

- Award October 2027
- Materials Procurement November 2027-May 2028
- Construction Period Opens June 2028
- Construction Complete November 2028



NORTH TAHOE PUBLIC UTILITY DISTRICT

DATE: October 13, 2026

ITEM: E-5

FROM: Planning and Engineering Department

SUBJECT: Authorize the General Manager to Execute a Professional Services Agreement with Sierra Controls for the SCADA Infrastructure Improvements Project

RECOMMENDATION:

Authorize the General Manager to execute a Professional Services Agreement, in the amount of \$147,598 with Sierra Controls for the SCADA Infrastructure Improvements Project.

DISCUSSION:

It is a best practice for water and wastewater utilities to rely on SCADA (Supervisory Control and Data Acquisition) systems to operate their water supply, treatment, and distribution and wastewater collection, pumping, and treatment systems. SCADA systems have advanced along with the technology and computer industry to now provide real-time remote monitoring, automatic control of equipment, historize data, and develop regulatory reports for compliance.

There are four major layers to a SCADA system, (1) field instrumentation, (2) RTUs (remote telemetry units) and PLCs (programmable logic controllers), (3) communication network, and the (4) Human Machine Interface (HMI).

The first layer is the field instrumentation at water and sewer stations and remote sites that monitors water and sewer parameters, including tank levels, flow rates, pressure, pump status, temperature, etc.

The second layer is the remote terminal units (RTU) and programmable logic controllers (PLC) at remote sites that communicate with the field instruments and, based on the programming language installed on these devices, it turns it into a specific command. As an example, a water tank level field instrument senses the level of water in a tank. The PLC has a program installed on it that monitors this level and, if the level drops and reaches a predetermined level, it sends a signal through the RTU to request a water pump to be turned on to fill the tank; as well as when the tank reaches the predetermined fill level, the PLC sends a signal to the RTU to request the water pump be turned off.

The third layer is the communication network that uses radio and cellular to transmit the data collected from the remote field instrumentation at the water and sewer sites, which is analyzed by the PLC and RTU and then sent to the central control computer. The central control computer also communicates the necessary commands back to the remote sites to operate the water and sewer stations based on programmed protocols and operator action.

The fourth layer is the human machine interface software (HMI) and associated computers and servers. The HMI is the operating software that is seen on the control computers that the operators use to monitor and control the water and wastewater system.

In the above example, the water tank is issuing a command that it needs to be filled with water through the PLC and RTU over the communications network to the HMI. The HMI determines which water pump station is appropriate to fill that specific water tank and sends the command back over the communication network, to an RTU and PLC at a remote water pumping station, that then locally sends a signal to the field instrument to turn a water pump on that will fill the water tank.

The District's SCADA systems date back to the late 1960s when audible alarms with red lights locally announced a failure and phone lines communicated these trouble alarms to an annunciator panel located at Base. The annunciator panel was essentially a wall map with light bulbs that lit up when a problem was detected at a remote site. There was very little detail on what that problem was.

Our modern SCADA system now communicates continuously from all remote water and sewer sites using radio and cellular networks and displays that information on a collection of 40 different operator screens or pages on PCs and terminals using the Factory Automation Ignition software program, the HMI.

The proposed scope of work for this project is to upgrade the Factory Automation Ignition HMI software and associated hardware that will improve the District's cybersecurity protection, improve the SCADA reliability and access by hosting it on cloud servers instead of locally hosted on servers, and improve operability because the new software is compatible with PCs, tablets, and phones. The scope of work includes the necessary hardware purchases, software licensing, programming, and initial screen development for nine sites that have already received hardware and programming upgrades. A general scope of work is provided after this memo. The specific computer hardware components and details from the Scope of Work have been removed. As the quote details IT security-critical equipment and is not subject to public disclosure in accordance with California law, it is not attached to this memorandum but can be made available to District Board members for review on an as requested basis.

This upgrade will occur over nine months as the hardware improvements are installed and programming and screen development occurs. This process completes the groundwork for future expansion and migration of the remaining sites (approximately 31 screens) from the current Ignition software to the new Ignition software. Therefore, we will run parallel platforms until all remote water and sewer sites are migrated to the new software. This step is necessary because the dramatic changes in the software interface will require operator adjustment and, more importantly, operator feedback on screen design, data display, and preferences. Once this standard operator screen is developed, the remaining sites can then be developed quickly and migrated over. The schedule for this is early Fiscal Year 2027/28.

FISCAL ANALYSIS:

This project is included in the FY 2026/27 Capital Budget in the Wastewater Fund as Project #2747 SCADA Infrastructure Improvements, \$85,000, and FY 2026/27 Capital Budget in the Water Fund as Project #2764, SCADA Infrastructure Improvements, \$85,000. The total available budget is \$170,000.

STRATEGIC PLAN ALIGNMENT:

Goal 1: Provide safe, efficient, sustainable water and wastewater services focusing on industry best practices and continuous improvement – Objective C: Maintain District utility system up-time with a focus on redundancy and reliability – Tactic 1: Maintain and ensure the reliability of District supervisory control and data acquisition (SCADA) systems – Activity a: Continually update computer hardware and software for the primary and backup SCADA control system.

Goal 4: Sustain and strengthen organizational resources, expertise, and culture – Objective E: Ensure reliability and security of the District's information technology systems.

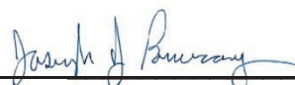
ATTACHMENTS:

- Sierra Controls Proposal Summary

MOTION:

Approve Staff Recommendation

REVIEW TRACKING:

Submitted By: 
Joseph J. Pomroy, P.E.
Engineering and Ops Manager

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

Reviewed By: 
Patrick Grimes
Chief Financial Officer

D. Andrew Ward, P.E.
President / Senior Engineer
Sierra Controls, LLC
5470 Louie Lane, Suite 104
Reno, NV 89511
9/14/2026

David Berry
Operational & Information Technology Manager
North Tahoe PUD
875 National Ave
Tahoe Vista, CA 96148

David,

This proposal outlines an upgrade to the District's Ignition SCADA system, driven by three goals: bringing the system into alignment with current cyber security requirements, making it easier and more flexible for operators to access and monitor sites, and establishing a network and licensing structure that Sierra Controls can reliably support and stand behind going forward.

Water and wastewater cyber security requirements have evolved significantly in recent years, and this project is an opportunity to bring the District's SCADA system up to date with current expectations. At the same time, the District's existing Ignition Vision platform was originally deployed by others, and Sierra Controls has limited visibility into and control over that legacy environment. As Sierra Controls takes over support of the system, this project integrates the sites where we have recently upgraded the controls, giving the District a platform that's easier for operators to access and one that Sierra Controls can fully stand behind and support going forward.

The upgraded system will run on a secure Azure architecture built on Zero Trust principles, the security model increasingly required and adopted across the water sector. No user or device will be treated as inherently trusted. Every access request will be continuously verified based on identity, device health, and context, with authentication and authorization required before reaching any resource. Micro-segmentation will limit lateral movement within the network, and critical data and applications will be monitored in real time and governed by least-privilege access. This directly addresses current cyber security regulation requirements for the District's control system.

The upgrade will give District operators the ability to monitor and control remote sites from any location with internet access, on any mobile device regardless of operating system, without needing a computer terminal. This removes a major operational bottleneck and gives the District more flexibility in how and where staff respond to system conditions.

The new network and licensing architecture is structured so Sierra Controls can maintain, support, and take ongoing accountability for the system as it evolves. It also lays the groundwork for future expansion, so additional sites can be added to the system without re-architecting the foundation.

The total cost of this proposal is \$147,598.33, covering all hardware and software required to bring the system online, along with installation and networking at the District's office.

We believe this is a sound long-term investment in the compliance, usability, and supportability of the District's SCADA system, and we'd welcome the opportunity to move forward. Please contact me with any questions — we're glad to discuss scope, schedule, and next steps.

Respectfully,



D. Andrew Ward, P.E.
President



NORTH TAHOE PUBLIC UTILITY DISTRICT

DATE: October 13, 2026

ITEM: F-3

FROM: Planning and Engineering Department

SUBJECT: Review, Discuss, and Possibly Approve Resolution 2026-20 Declaring that an Emergency Condition Exists Arising from Damage to the District's Sewer Export Forcemain, Award a Construction Contract and Authorize the General Manager to Execute the Agreement with KG Walters Construction Co., Inc for the 2026 Sewer Export Forcemain Emergency Repair Project, and Find that the Agreement is Exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines § 15301 (Existing Facilities)

RECOMMENDATION:

1. Review, discuss, and possibly approve Resolution 2026-20 declaring that an emergency condition exists arising from damage to the District's sewer export forcemain, award a construction contract and authorize the General Manager to execute the agreement with KG Walters Construction Co., Inc for the 2026 Sewer Export Forcemain Emergency Repair Project in the amount of \$449,000; and authorize up to \$100,000, 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 under CEQA guidelines § 15301 (Existing Facilities).

DISCUSSION:

NTPUD's sewer export system conveys wastewater flows through a series of four (4) main pump stations, forcemains, and gravity sewers that transport wastewater from the District's service area to the Joint Sewage Facility (JSF) at the top of Dollar Hill. The JSF is a pipeline jointly owned with Tahoe City Public Utility District (TCPUD) which carries NTPUD and TCPUD flows to the Tahoe-Truckee Sanitation Agency's (T-TSA) Truckee River interceptor (TRI). The TRI then conveys the wastewater flows to T-TSA's Water Reclamation Plant in Truckee for treatment and disposal.

The sewage export system was constructed in response to the Porter-Cologne Act and the Bi-State Compact to export all wastewater out of the Lake Tahoe Basin. The facilities were designed, constructed, and placed into service in 1970. The District, over

the last 15 years, has completed the renovation and replacement of all four main pump stations: Secline, National, Carnelian, and Dollar Main Pump Stations.

In August 2024, the Board awarded an agreement with HDR Engineering for the Sewer Export System Study to perform an evaluation of the sewage export system. The scope of work included:

- Document the existing attributes, previously collected condition information, and operational conditions of the sewage export pipeline system.
- Evaluation of potential inspection methods for forcemain pipelines based on access, age, material, and flow; including options for screening inspections and detailed inspections and make recommendations for the forcemain inspection program, with estimated costs and schedule.
- Evaluate the available and required system storage and compile options for expansion of storage and use during shutdowns.
- Develop an odor control testing plan to look at odor impacts along the alignment

During the project, staff began evaluating critical components of the export system and began performing preliminary inspections and condition evaluation of accessible structures. This investigation determined that two of the three export forcemain transmission manholes (where wastewater flow transitions from pumped flow to gravity flow) were in an advanced deteriorating condition and that the passive air venting system was failing. Projects were first executed to perform concrete repair and rehabilitation to the transmission manholes and then a corrosion resistant epoxy lining was applied over the concrete to extend its life.

Staff then performed excavation and replacement of the air vent piping at the National Export forcemain transmission manhole. During this excavation, it was determined that the existing 20-inch diameter steel forcemain was in an advanced state of corrosion. Staff stabilized the pipeline and ceased excavation activities because of the possibility of causing damage to the corroded forcemain from construction activities.

The conditions causing the corrosion of the 20-inch diameter steel forcemain is also impacting sections of the forcemain that crosses North Lake Boulevard in the 5200 block. The consequence of failure of the forcemain necessitates an emergency repair to replace the forcemain at this location for the following reasons:

- The forcemain has been visually inspected and has been determined to be in an advanced state of corrosion,
- The advanced state of corrosion of the forcemain could result in forcemain collapse or failure,
- The forcemain is a critical piece of the wastewater export system that currently transports 400,000 gallons of wastewater per day,
- A forcemain failure will result in a Category 1 wastewater spill to Lake Tahoe impacting drinking water supplies and recreational activities,

- An illicit wastewater discharge of this magnitude would represent a significant impact to public health and safety,
- A potential forcemain failure would impact Caltrans State Route 28 up to and including road closure, the primary road on the north shore of Lake Tahoe that is an emergency route for first responders,
- Tahoe winter is rapidly approaching, making construction difficult to nearly impossible from late fall (December) to spring (April),
- Preparing plans and specifications for public advertising and bidding would push construction to May 2027,
- There is the potential of imminent forcemain failure because the corrosion of the forcemain is continuing and the forcemain is already in an advanced state of corrosion, and
- The consequences of forcemain failure represent a significant impact to public health and safety and emergency response by first responders.

In the event of any emergency, the Board may negotiate and award a contract for construction of work to prevent damage or repair damaged works without advertising for bids and expend any sum reasonably required in the emergency. If notice for bids to let contracts will not be given, the board shall comply with Public Contract Code section 22050:

1. In the case of an emergency, a public agency, pursuant to a four-fifths vote of its governing body, may repair or replace a public facility, take any directly related and immediate action required by that emergency, and procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids to let contracts.
2. Before a governing body takes any action pursuant to paragraph (1), it shall make a finding, based on substantial evidence set forth in the minutes of its meeting, that the emergency will not permit a delay resulting from a competitive solicitation for bids, and that the action is necessary to respond to the emergency.

The District currently has a construction contract with KG Walter Construction for the Satellite Sewer Pump Station Improvements Project, and they are mobilized in our service area. KG Walters Construction is qualified to perform this work, has extensive experience with projects of similar technical complexity, and has exceptional performance on two previously awarded District public works contracts. Staff prepared schematic design and requested a pricing proposal from KG Walters to complete this work. Staff has reviewed the cost proposal at the detail level and has verified the level of effort, time-to-complete, and cost. The total projected construction cost is estimated to be \$449,000

If awarded, the project will begin immediately with the issuance of contracts and review of material submittals from the contractor. Construction mobilization is expected immediately, with project completion in five weeks, approximately by December 1, 2026.

Award of this agreement is exempt from CEQA under CEQA Guidelines § 15301 as repairs, maintenance, and minor alterations of existing facilities.

FISCAL ANALYSIS:

The Fiscal Year (FY) 2027/28 Capital Budget has approximately \$800,000 of remaining budget available under Project 2445 – Sewage Exports Systems Improvements. These funds were originally budgeted for the Phase 2 work to complete the detailed pipeline condition assessment. This work will be budgeted for a future year.

STRATEGIC PLAN ALIGNMENT:

Goal 1: Provide safe, efficient, sustainable water and wastewater services focusing on industry best practices and continuous improvement – Objective D: Prioritize Capital Project planning and delivery toward uniform service using industry standards, asset condition data, and a focus on climate resilience and emergency preparedness – Tactic 2: Improve sewer system reliability.

ATTACHMENTS:

- Resolution 2026-20
- 2026 Sewer Export Forcemain Emergency Repair Project Cost Summary from KG Walters Construction, Inc.
- 2026 Sewer Export Forcemain Emergency Repair Project PowerPoint Presentation

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

RESOLUTION 2026-20
A RESOLUTION OF THE BOARD OF DIRECTORS OF THE NORTH TAHOE PUBLIC
UTILITY DISTRICT AND DECLARING THAT AN EMERGENCY CONDITION EXISTS
ARISING FROM DAMAGE TO THE DISTRICT'S SEWER EXPORT FORCEMAIN
AND AUTHORIZING AN EMERGENCY REPAIR CONTRACT TO KG WALTERS
CONSTRUCTION CO., INC WITHOUT PUBLIC BIDDING

WHEREAS, Sections 22035 and 22050 of the Public Contracts Code authorize the North Tahoe Public Utility District ("District") to proceed with awarding a Public Works contract to perform emergency work upon adoption by the NTPUD Board of Directors by a four-fifths vote of a resolution declaring that the public interest and necessity demand the immediate expenditure of public funds to safeguard life, health, or property;

WHEREAS, the District's Sewer Export Forcemain is in need of emergency repair as a result of advanced corrosion compromising structural integrity of the sewer export forcemain;

WHEREAS, the repairs are necessary to preserve the health, safety, and welfare of the District and the District's residents;

WHEREAS, the need for repair of the District's Sewer Export Forcemain requires immediate action that will not permit undergoing the formal competitive bidding process due to the following findings:

1. The forcemain has been visually inspected and has been determined to be in an advanced state of corrosion;
2. The advanced state of corrosion of the forcemain could result in forcemain collapse or failure;
3. The forcemain is a critical piece of the wastewater export system that continuously transports 400,000 gallons of wastewater per day;
4. A forcemain failure will result in a Category 1 wastewater spill to Lake Tahoe impacting drinking water supplies and recreational activities;
5. An illicit wastewater discharge of this magnitude would represent a significant impact to public health and safety;
6. A potential forcemain failure would impact Caltrans State Route 28 up to and including road closure, the primary road on the north shore of Lake Tahoe that is an emergency route for first responders;
7. Tahoe winter is rapidly approaching, making construction difficult to nearly impossible from late fall (December) to spring (April);
8. Preparing plans and specifications for public advertising and bidding would push construction to May 2027;
9. There is the potential of imminent forcemain failure because the corrosion of the forcemain is continuing and the forcemain is already in an advanced state of corrosion;
10. The consequences of forcemain failure represent a significant impact to public health and safety and emergency response by first responders;

WHEREAS, the District's engineering staff solicited and received a written, responsive, and acceptable proposal to perform the emergency work from KG Walters Construction Co., Inc, the District now wishes to award an emergency contract for repair of the District's Sewer Export Forcemain to KG Walters Construction Co., Inc.; and

WHEREAS, Public Contract Code section 22050 also provides that the District Board of Directors may, by resolution, delegate the authority to order any action required by the emergency and to procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids to let the contracts, to the District's General Manager, his or her designee, or any other officer.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE NORTH TAHOE PUBLIC UTILITY DISTRICT:

Section 1. Recitals. The above recitals are true and correct.

Section 2. Findings. The Board of Directors finds that the public interest and necessity demand the immediate expenditure of public funds for emergency work for the repair of the District's Sewer Export Forcemain to safeguard life, health, and property. The Board of Directors further finds that the emergency will not permit a delay that would result from a competitive solicitation for bids and that action is necessary to respond to the emergency related to the damaged condition of the District's Sewer Export Forcemain. The Board of Directors further finds that based on the foregoing, the approvals herein authorized are necessary to protect the public health, safety and welfare.

Section 3. Award of Contract; Delegation of Emergency Contracting Authority. A contract to perform the necessary emergency repair work to the District's Sewer Export Forcemain is hereby awarded to KG Walters Construction Co., Inc. for \$449,000, and the General Manager, or his designee, is hereby authorized to execute said contract, and to order any other action required to remedy the emergency relating to the damaged condition of the District's Sewer Export Forcemain, and to procure the necessary equipment, services, and supplies for those purposes, without giving notice for bids to let contracts. The General Manager, or his designee, is directed to report to the Board of Directors at the next regularly scheduled meeting and at every meeting thereafter until the action is terminated to determine if there is a need to continue the action.

Section 4. Effective Date. This Resolution shall be effective immediately.

The foregoing Resolution was adopted at a regular public meeting of the Board of Directors of the North Tahoe Public Utility District held on the 13th day of October, 2026, by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Sue Daniels, President
Board of Directors

ATTEST:

Bradley A. Johnson, P.E.
General Manager/CEO

Pay Item & Proposal Register

K.G. WALTERS CONSTRUCTION CO., INC.

NTPUD - Emergency Repair Sewer Export Line--NTPUD - 2026 Sewer Export Line Emergency Repair Project

Position Code	Pay Item Number	Description	Lock Price	Pay Quantity	Unit of Measure	Unit Price (current)	Total Price (current)	Subtotal	Subtotal Amount	Running Subtotal Amount
1	1	Mob & De-Mob	☐	1.00	LS	\$50,000.00	\$50,000.00	☐		
2	2	Traffic Control	☐	1.00	LS	\$45,000.00	\$45,000.00	☐		
3	3	Bypass Work	☐	1.00	LS	\$55,000.00	\$55,000.00	☐		
4	4	Pipe Replacement w/ Vault	☐	1.00	LS	\$224,000.00	\$224,000.00	☐		
5	5	Surface Demo & Restoration	☐	1.00	LS	\$75,000.00	\$75,000.00	☐		
6	6	Contingency	☐	1.00	LS	\$0.00	\$0.00	☐		
6							\$449,000.00			

Sewer Export Forcemain Emergency Repair Project

October 13, 2026



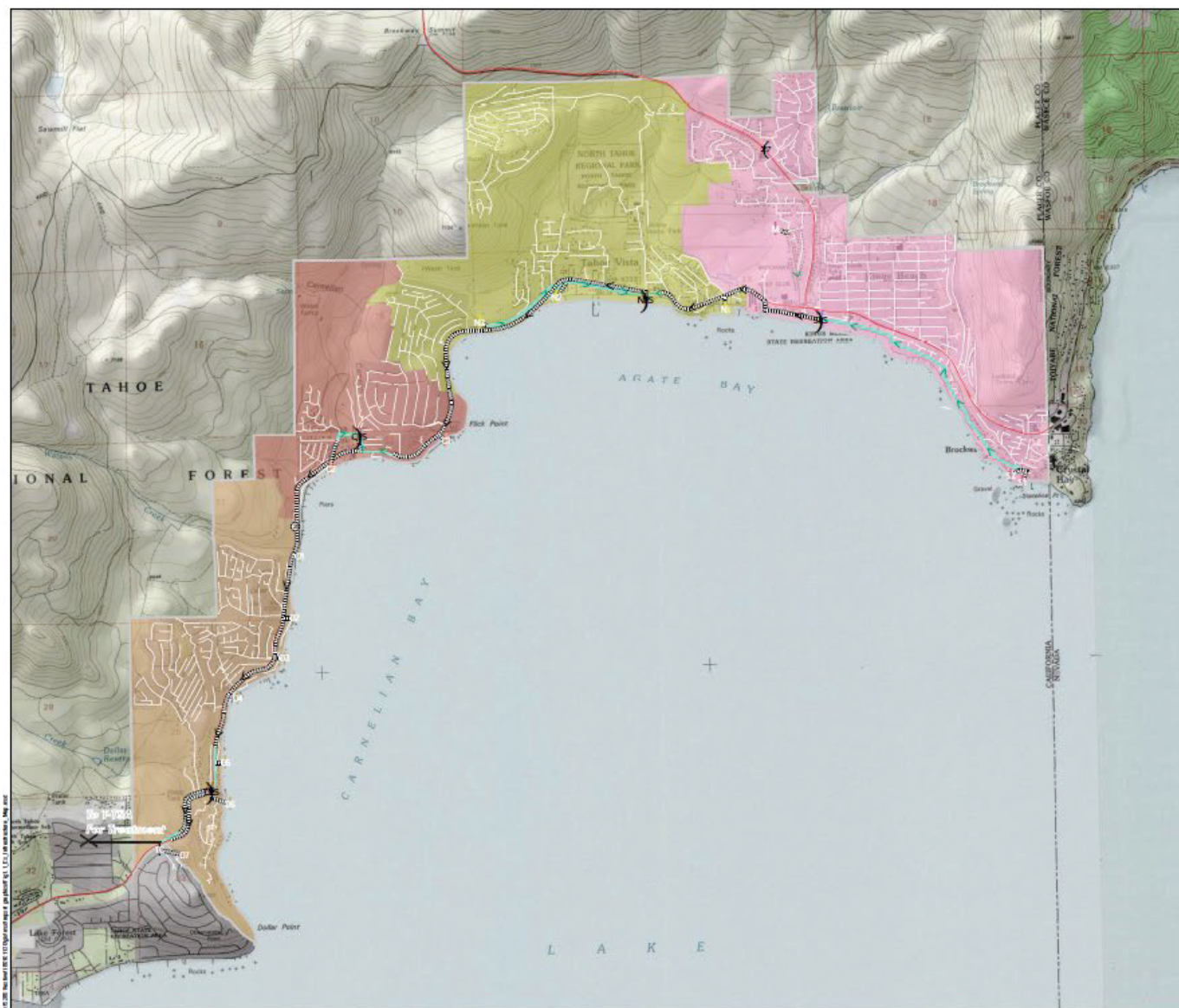
Sewer Export System

- Sewer Export System Attributes and Function
- Sewer Export System Study Project
- Results of Field Investigations
- Emergency Construction Contract

Sewer Export System

- Porter Cologne Water Quality Control Act, enacted in 1969
 - Required export of wastewater out of the Tahoe Basin (treated and raw)
 - Convert all residential properties from septic to sewer service
- Constructed in 1970 to export all wastewater out of the Tahoe Basin by 1/1/72
 - 6.4 miles of large diameter sewer forcemain (14-, 20-, 24-, & 16-inch diameter)
 - 1 mile of large diameter gravity sewer main
 - 4 main sewer pump stations
- Forcemains are ~ 55 years old
- Forcemains are located within 500-ft of Lake Tahoe
- Wastewater export to the Joint Sewage Facility in Tahoe City and to T-TSA via the Truckee River Interceptor
 - 250 million gallons wastewater per year
 - 680,000 gallons of wastewater per day
 - Takes up to 24 hours for sewage to travel through District to Tahoe City

NTPUD Export Sewer System – Zones



North Tahoe Public Utility District Main Sewer Pump Station Master Plan

Figure 1.1
Sewage Collection and Export System Map

Legend

- NTPUD Service Area
- Secline
- National
- Carnelian
- Dollar
- Secline Main
- National Main
- Carnelian Main
- Dollar Main
- Force Mains
- Gravity Sewers
- Laterals
- Satellite Pump Stations
- Direction of Flow

Date: July 31, 2009
Projection: State Plane California II FIPS NAD 83
 US Survey Foot
Source: North Tahoe Public Utility District; Stantec Consulting, Inc.; US Geological Survey; ESRI
Scale: 1 inch equals 3,000 feet



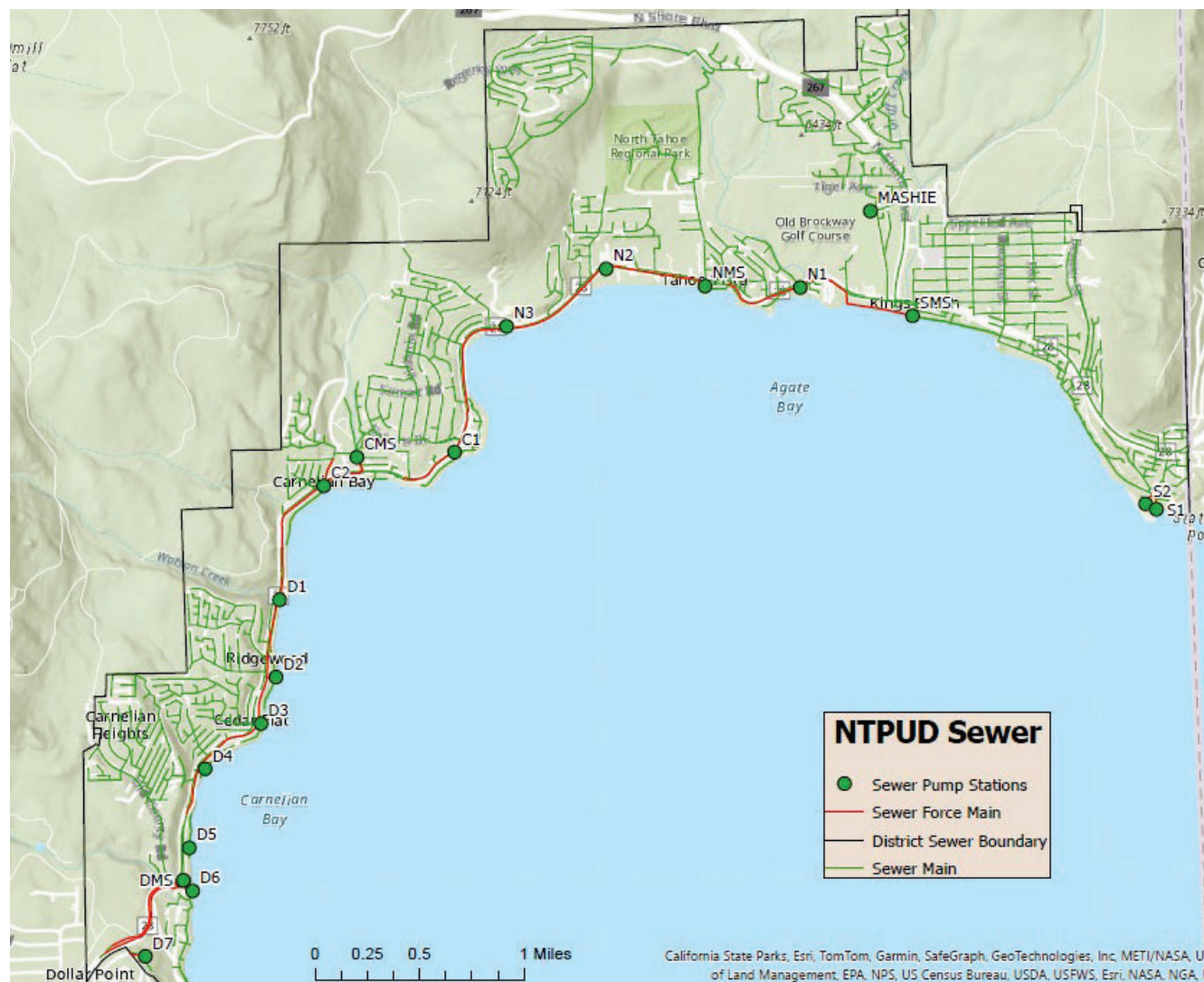
Stantec Consulting Inc.
 6900 Sierra Center Parkway #100
 Reno, NV 89511 USA
 Tel: (775) 850-0777
 Fax: (775) 850-0787
 stantec.com

NTPUD Sewer Export System – Detail

20 - Sewer Pump Stations

- 4 – Main Sewer Pump Stations, Secline, National, Carnelian, Dollar
- 16 - Satellite Sewer Pump Stations

Forcemain Segment	Length (feet)	Diameter (inches)
Secline	5,400	14
National	11,490	20
Carnelian	11,420	24
Dollar	2,859	16



Sewer Export System Study Project

- August 2024, Board authorized Professional Services Agreement with HDR, Inc. for the Sewer Export System Study Project

Project Phase 1 – Current – 90% complete

- Document the existing attributes, previously collected condition information, and operational conditions of the sewage export pipeline system ✓
- Review and recommendation of pipeline condition assessment technology ✓
- Evaluate the available and required system storage and compile options for expansion of storage and use during shutdowns. ✓
- Develop an odor control testing plan to look at odor impacts along the alignment (in process)

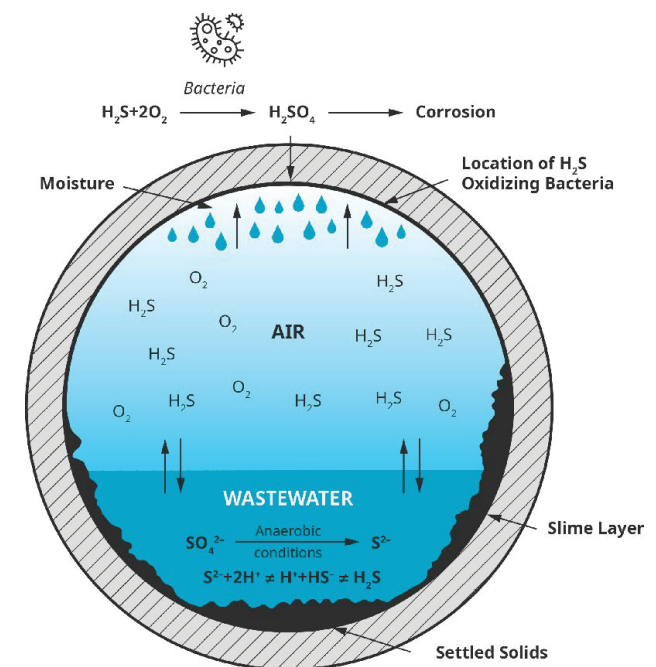
Project Phase 2 – Future

- Analyze the existing condition of the 6.4 miles of wastewater forcemain and one mile of gravity interceptors with recommend pipeline condition assessment technology
- Determine the remaining useful life of the pipeline

Sewer Export System Study Project

Phase 1 Project Field Investigations

- Investigate transitions from pressurized sewer forcemains to gravity sewers at the transmission manholes. High potential for corrosion to structures and pipe.
 - Wastewater is biologically active
 - Wastewater in forcemains are deprived of oxygen sources and turn anaerobic
 - Anaerobic processes generate hydrogen sulfides, H₂S (rotten egg smell)
 - Bacteria on surfaces downstream of forcemains use H₂S and generate acids
 - Acids corrode pipe and structures downstream of forcemains
- Investigate wet well conditions
- Investigate integrity of active and passive odor control and venting



Sewer Export System – Transmission Manhole

- Staff investigated all 3 transmission manholes
- Secline to National forcemain transmission manhole – Installed 2011
 - Condition rated as excellent
- National to Carnelian forcemain transmission manhole – Installed 1968
 - Condition rated as poor to failing
 - Contract issued for concrete repair and special corrosion linings
- Carnelian to Dollar forcemain transmission manhole – Installed 1968
 - Condition rated as poor to failing
 - Contract issued for concrete repair and special corrosion linings

National Export Forcemain – Transmission Manhole

Transmission Manhole location at 5286 North Lake Boulevard (Lake Side)



National Export Forcemain – Transmission Manhole

Looking South to Lake



Looking North to Mountain



National Export Forcemain – Transmission Manhole

Found Condition – Major Corrosion



After Rehabilitation



Sewer Export System Pipeline Condition

- How did we find critical condition of pipeline
- 20-inch steel forcemain, bitumen wrapped, and mortar lined
 - Staff was performing improvements to passive vent lines in September
 - Staff discovered accelerated corrosion damage to pipe
 - Staff stabilized the pipeline and ceased excavation activities
 - Further activities deemed too risky and could cause further damage
 - Mortar lining has corroded exposing steel pipe to accelerated acid corrosion
 - Steel has corroded at exposed location to critical level of service
 - Staff expects this corrosion is impacting upstream pipe under North Lake Blvd
 - Corrosion expected to be moderate to severe under North Lake Blvd

National Export Forcemain – 20 inch



Sewer Export System Emergency Repair

Emergency Conditions

- North Lake Boulevard fully paved summer 2026 – Pavement cut moratorium
- Risk of failing infrastructure under North Lake Boulevard
 - Impact to traveling public and emergency responders on State Route 28 if pipe fails and impacts road surface
 - Limited detour through residential neighborhood
 - Impacts to public health and Lake Tahoe from potential category 1 spill
- Forcemain continuously conveys up to 400,000 gallons sewage per day
- Wastewater flows currently at seasonal low
- Traffic currently at seasonal low
- Construction window is narrowing with approaching winter
- Construction is significantly difficult to impossible during winter snow
- Spring brings heavy wastewater flows and risk of category 1 spill
- Delay risks 6 to 12 months of additional corrosion to pipe and potential for pipe collapse

Sewer Export System - Regulatory

What are the Regulatory Implications

- NTPUD is an enrollee of the Statewide Waste Discharge Requirements General Order for Sanitary Sewer Systems, Order WQ 2022-0103-DWQ
- Prohibition of discharge of any sewage from a Sanitary Sewer System
- Category 1 Spill is any volume of sewage that impacts a surface water
- Water Code section 13385 subdivision (c) allows the Regional Water Board to impose an administrative civil liability of up to ten dollars per gallon for every gallon spilled
- Water Board Consideration for Discretionary Enforcement
 - System management, operation, and maintenance
 - Preventive maintenance (including cleaning, root grinding, and fats, oils, and grease control) and source control measures
 - Implementation of available equipment, technologies, strategies, and recommended industry practices for maintaining and managing sewer systems to prevent spills, and contain and eliminate discharges to waters of the State

Sewer Export System – Contract Award

- Sections 22035 and 22050 of the Public Contracts Code authorize the North Tahoe Public Utility District to proceed with awarding a Public Works contract to perform emergency work
- Adoption by the NTPUD Board of Directors by a four-fifths vote of a resolution declaring that the public interest and necessity demand the immediate expenditure of public funds to safeguard life, health, or property

Sewer Export System Emergency Contract Award – Findings



- The forcemain has been visually inspected and had been determined to be in an advanced state of corrosion
- The advanced state of corrosion of the forcemain could result in forcemain collapse or failure
- The forcemain is a critical piece of the wastewater export system that continuously transports 400,000 gallons of wastewater per day
- A forcemain failure will result in a Category 1 wastewater spill to Lake Tahoe impacting drinking water supplies and recreational activities
- An illicit wastewater discharge of this magnitude would represent a significant impact to public health and safety
- A potential forcemain failure would impact Caltrans State Route 28 up to and including road closure, the primary road on the north shore of Lake Tahoe that is an emergency route for first responders
- Tahoe winter is rapidly approaching making construction difficult to nearly impossible from late fall (December) to spring (April)
- Preparing plans and specifications for public advertising and bidding would push construction to May 2027
- There is the potential of imminent forcemain failure because the corrosion of the forcemain is continuing and the forcemain is already in an advanced state of corrosion
- The consequences of forcemain failure represent a significant impact to public health and safety and emergency response by first responders

Sewer Export System – Recommendation



- Review, Discuss, and Possibly Approve Resolution 2026-20 Declaring that an emergency condition exists arising from damage to the District's sewer export forcemain, Award a Construction Contract and Authorize the General Manager to Execute the Agreement with KG Walters Construction Co., Inc for the 2026 Sewer Export Forcemain Emergency Repair Project in the amount of \$449,000; and authorize up to \$100,000, as construction reserves executable by the General Manager