

TO: GCSB Board of Directors

FROM: Peter Kampa, General Manager

DATE: December 13, 2022

SUBJECT: Agenda Item 3Aiii. General Managers Report

Overview

Highlights for the period of November 8, 2022 to December 8, 2022 include the following, with additional information provided verbally and in attachments:

- Performed significant research with county departments and other districts to find information related to potential assistance with compliance with water use reduction requirements. As was discussed at the last board meeting, it appears that remote work and the increase in short term rentals within the district has caused a large transition from a mostly transient, vacation community to one with a much increased nonresident population. This has caused a steady increase in water consumption without a documentable increase in population, since the census data is used to document our local population. We did review one product called Placer.ai that uses cellular phone location data to document travel patterns that could help us document the increase in overall population including additional overnight stays. The problem is there is nothing in state law or regulations that allow us to be able to adjust our water usage based on the fact that we have an increased transient population. We we'll continue to evaluate options to better monitor and understand our water usage, with the advanced metering infrastructure project being likely the most important tool we can deploy. We also reviewed software that can, based on water usage data and our Landscaped Area Report (DWR 2019) identify customers who may have the highest ability to reduce consumption to implement water demand reduction and reduced water consumption.
- The Sewer Collection System Rehabilitation Project is moving forward ahead of schedule and within the funding available through the state grant/loan agreement. The SWRCB has approved the budget for Phases 1 and 2 of the project, so the contractor can proceed with all planned work within the amount of funding available. We are finding that improper construction practices by the installation contractor/developer is the cause for the early failure of the collection lines. Please see the attached December 5, 2022 status update meeting agenda for more information.
- The wastewater treatment plant pond one liner project is now fully operational and has performed well during the recent rainstorms.
- Viewed the California Transportation Commission meeting on December 7, 2022 during which the **Hetch Hetchy Railroad Trail Project funding was approved**, along with the full funding for the County's downtown Groveland sidewalk project.

- Completed the preparation of a grant application to the Department of Water Resources for the Advanced Metering Infrastructure Project, submitted through the T-Stan IRWM. Hopefully we will hear soon on the application's success. A link to the application and project description is [HERE](#), should you be interested.
- District Staff and our District Engineer have received and commented on the final draft Water/Sewer Master Plan. Our Board committee should be reviewing the final Master Plan early in January 2023.
- I attended the Housing Collaborative held by Adventist Health and the County of Tuolumne, and attended by approximately 50 on December 2, 2022. The purpose of this meeting was to further discuss concerns and opportunities with the ability to develop housing and affordable housing in the county, and to make contacts with those in positions that can effect change in housing development conditions.
- We have an upcoming meeting with the existing Tuolumne County Water Agency, who was formed back in the 1950's to support water rights and water supply for the entire county. The introductory meeting is scheduled for December 15, 2022 and will provide us an opportunity to discuss how the Water Agency can help GCSO in terms of future water supply.
- I am participating in the County's completion of the (Fire) Standards of Coverage Evaluation. This project will result in a GIS model and plan showing where the fire resources are located in the county, as well as where the emergency call concentrations. It is hopeful that the County will adopt a response time standard similar to what GCSO did, and then plan its fire stations and staffing resources based on achieving the standard.
- Attended the Board of Supervisors (BOS) meeting regarding SAFER Fire funding and the increase in fire staffing at multiple county fire stations including Groveland for the next three years. The county staff report is attached for reference. The County is actively planning for CFDs and other means to provide long term funding to maintain this new level of staffing. GCSO staff and Board will need to remain actively engaged in County processes over the next few years to make absolute sure the county funds the increased staffing for the long term. The BOS also discussed but did not support the staff proposal to move TOT funding away from the Visit Tuolumne organization to provide a source of funding for the county Fire. The Board voted to extend the contract with Visit Tuolumne for six months and to review their financials, work plans and data to ensure that their \$1.7 million annual investment of TOT is producing the expected rate of return. The county staff memo regarding this matter is also attached.
- District staff has hired an engineering firm to conduct an evaluation of office remodel opportunities to provide employee separation and privacy, better customer service and a more cohesive and functional office environment. We have reviewed preliminary options and will be presenting these options to the Board in the coming months.
- Evacuation Planning Project – TCTC

Attended the virtual meeting on December 8, 2022. This project is funded by a grant to the Tuolumne County Transportation Council (TCTC) to evaluate how the transportation system will respond during a likely evacuation scenario. The draft study does show the Hetch Hetchy Railroad Trail alignment as the most likely, important route to reduce traffic loading on identified evacuation bottlenecks in the Groveland area. Below are the study link, and link to the project map where you can insert comments:

Study:

<https://www.tuolumnecountytransportationcouncil.org/evacuationneedsassessmentstudy>

Map for Comments: <https://maps.kittelson.com/TC-Evacuation-Needs-Assessment>

- We received a stakeholder notification for a small resort project just outside the GCSD boundaries. Due to failed water wells in the area and an expectation for fire emergency response, we have responded that the project should annex to the District to receive services. Please see the project summary and our response, attached.

**GROVELAND COMMUNITY SERVICES DISTRICT
BIG CREEK AND SECOND GARROTTE CLEARWELLS REHABILITATION
PROJECT
CONSTRUCTION PROGRESS MEETING**

December 5, 2022 @ 8:30 AM

AGENDA

I. INTRODUCTIONS

II. CONSTRUCTION PROGRESS SNAPSHOT

a. Total Project Cost (Contractor)	\$3,118,200.00
b. Total Funding Agreement (Total Project)	\$3,954,200.00
c. Budget Spent to Date (Contractor)	\$3,098,386.31
d. Budget Spent to Date (Total Project)	\$3,615,424.20
e. Total Project Contingency	\$361,000.00
f. Contingency Used to Date	\$125,932.61
g. Percentage Funding Used to Date (Contractor)	99.4%
h. Percentage Funding Used to Date (Total Project)	91.4%
i. Percent Contingency Used to Date	34.9%
j. Days for Completion	141 Working Days
k. Elapsed Days	317 Working Days (March 18, 2022)
l. Weather Day	4 Weather Day
m. Remaining Days	-172 Working Days

III. CONSTRUCTION SITE REPORTS

- a. Progress to Date
- b. Contractor (1-MONTH LOOK AHEAD)

IV. CHANGE ORDERS

- a. Groveland CSD Contingency Used
 - i. Labor, Material and Equipment costs for valve/piping replacement at Butler Way Pump Station – Moyle (\$16,034.80)
- b. Pending Change orders
 - i. Pending Change Order No. 20 – Second Garrotte interior insulation removal (7,321.39 and 0 working days) (Service Master Sierra)
 - 1. Depending on available funds after Tank 5 Improvements (Included in available funds calculation)

- ii. Pending Change Order No. 21 - Butler Way Pump Station Pavement Replacement (\$24,717.23 and 0 Working Days)
 - 1. Depending on available funds after Tank 5 Improvements
- c. Fully Executed
 - i. Change Order No. 1 – Additional Structural Repairs in Big Creek Clearwell (\$33,217.80 and 8 Additional Working Days)
 - ii. Change Order No. 2 – Relocation of ARV to Adjacent Wye Fitting at Butler Way Pump Station (No Cost and 2 Additional Working Days)
 - iii. Change Order No. 3 – Installation of Insulation in Both the Big Creek and Second Garrotte New Electrical Cabinets (\$953.00 and No Working Days)
 - iv. Change Order No. 4 – Inspection Sand Blast (Time & Material) (\$46,457.90 and 4 Additional Working Days)
 - v. Change Order No. 5 – Addition of Inlet ARV at Butler Way Pump Station (\$2,116.00 and 1 Working Day)
 - vi. Change Order No. 6 – Upgrade of Pressure Transmitter at Butler Way Pump Station (\$3,832.50 and 0 Working Day)
 - vii. Change Order No. 7 – Additional Communications Between Tank1 and Butler Way Pump Station (\$5,637.45 and 1 Working Day) (Pending Contractor Execution)
 - viii. Change Order No. 8 – Additional Big Creek Punch List Items (\$10,800 and 1 Working Day)
 - ix. Change Order No. 9 – Additional Work at Butler Way Pump Station (Discharge Piping) (\$2,837.44 and 1 Working Day)
 - x. Change Order No. 10 – Additional Work at Second Garrotte for surface preparation and coating of exterior influent/effluent pipelines (T&M) (\$7,500.00 and 3 Working Day)
 - xi. Change Order No. 11 – Credits for Butler Way Pump Station (Gate Valve/Pressure Transducer) (-\$3,454.28 and 0 Working Day) (Disbursement Request No. 17)
- d. Denied
 - i. Pending Change Order No. 1 – Oil in Tank (\$48,539.00 and 14 additional Working Days)
 - ii. Pending Change Order No. 6 – Lid Pin Holes Repairs (\$14,200 and 2 additional Working Days)

- iii. Pending Change Order No. 11 – Oil Removal from Big Creek Clearwell Baffles (\$39,078.00 and 7 Working Days)
- iv. Pending Change Order No. 15 – Oil in Second Garrotte Clearwell (\$22,000 and 4 Working Days)
- v. Pending Change Order No. 16 – Oil in Second Garrotte Clearwell Baffles (\$10,600 and 2 Working Days)
- vi. Pending Change Order No. 18 – Additional Endura flex Coating Expenses (\$72,450.00 and 0 additional Working Days)

V. SUBMITTAL REVIEW

- a. Approved Submittals
 - i. Submittal No. 1 – 44
- b. Remaining Submittals
 - i. None

VI. REVIEW RFI LOG

- a. Responded RFI's
 - i. RFI No. 1 – 37
- b. Pending RFI's
 - i. None

VII. Claims

- a. Claim No. 1 – Oil in Big Creek Clearwell
 - i. Responded
- b. Claim No. 2 – Additional Expenses Incurred for Big Creek Clearwell Coating
 - i. Responded
- c. Claim No. 3 – Relocation of ARV at Butler Way Pump Station
 - i. Claim Removed
- d. Claim No. 4 – Mill Scale in Big Creek Clearwell and Chlorine Contact Tank
 - i. Responded
- e. Claim No. 5 – Oil Removal from Big Creek Baffles
 - i. Responded
- f. Claim No. 6 – Oil in Second Garrotte Clearwell
 - i. Responded
- g. Claim No. 7 - Oil Removal from Second Garrotte Baffles
 - i. Responded

- h. Claim No. 8 - Additional Expenses Incurred for Second Garrotte Clearwell Coating
 - i. Responded

VIII. PAYMENT REQUESTS

- a. Processed
 - i. Disbursement Request No. 1 (\$331,640.00)
 - 1. Received.
 - ii. Disbursement Request No. 2 (\$298,997.00)
 - 1. Received.
 - iii. Disbursement Request No. 3 (\$673,932.00)
 - 1. Received.
 - iv. Disbursement Request No. 4 (\$510,681.00)
 - 1. Received.
 - v. Disbursement Request No. 5 (\$132,385.00)
 - 1. Received.
 - vi. Disbursement Request No. 6 (\$49,199.00)
 - 1. Received.
 - vii. Disbursement Request No. 7 (\$301,594.00)
 - 1. Received.
 - viii. Disbursement Request No. 8 (\$326,571.00)
 - 1. Received.
 - ix. Disbursement Request No. 9 (\$293,255.00)
 - 1. Received.
 - x. Disbursement Request No. 10 (\$260,641.00)
 - 1. Received.
 - xi. Disbursement Request No. 11 (\$66,036.00)
 - 1. Received.
 - xii. Disbursement Request No. 12 (\$91,711.00)
 - 1. Received.
 - xiii. Disbursement Request No. 13 (\$65,902.00)
 - 1. Received.
 - xiv. Disbursement Request No. 14 (\$38,494.00)

1. Received.
- xv. Disbursement Request No. 15 (\$15,347.00)
 1. Received.
- xvi. Disbursement Request No. 16 (\$21,456.00)
 1. At accounting 10/10/2022
- xvii. Disbursement Request No. 17 (Submitting Quarterly – Pending December 2022)
 1. Attorney requested that we do not pay any further invoices
 - a. Can withhold up to 100% to 150% of the Claims.
 - i. Farr construction has requested to receive payment for the costs withheld as we have come to an agreement regarding Tank 5 improvements.
 - ii. We will advise Farr Construction that the attorney has advised to not issue payment until all claims have been removed.

IX. PROJECT SCHEDULE

- i. Butler Way
 1. Sound enclosure
 - a. Manufacturer provided revised submittal for alleviate roof defects repair 10/19/22
 - i. 6-week lead time on materials
 - ii. Meeting to be held between Farr Construction, Groveland CSD, AMCE and Manufacturer (Requested 11/17/22) (Tentatively 12/6/22 or 12/8/22)
 1. Manufacturer to complete one of the following:
 - a. Replace existing roof with equipment that was not cut in the field (Roof standing seam, standing seam cap & rain guard)
 - i. No Flex Tape or excessive caulking
 - b. Install solid roof with hatches over the pumps

- i. Manufacturer to provide typical roof layout as it is assumed all roof systems do not leak.
 - c. Return sound enclosure as it does not meet the specifications
 - b. Addition of screen on interior face of fan.
 - c. Addition of screen on interior face of louvers.
 - ii. Second Garrotte
 - 1. All punch list Items addressed
 - iii. Big Creek
 - 1. All punch list Items addressed
 - iv. Final Disbursement Request Date to be extended to March 23, 2023.

X. CONCERNS

- i. Sound Enclosure Defects
 - 1. Exterior coating
 - a. Manufacturer will recoating entire enclosure onsite
 - i. Will use same coating material as factor paint system currently installed.
 - 1. Color matched.
 - ii. Will use airless sprayer.
 - 2. Leak in roof on top of door and above louvers.
 - a. Manufacturer provided submittal for standing seam roof with gutter.
- ii. Negotiated Claims removal with Contractor.
 - 1. Proceeding with the listed projects will remove all claims and liquidated damages:
 - a. Tank 5 coating quote - \$524,680.00
 - b. Tank 5 replacement quote with Factory Epoxy Coating (Bolted - \$423,200/Welded - \$626,400)
 - c. Tank 5 floor replacement
 - i. Scope of work received/developed
 - 1. Requested subcontractor name and experience

- a. Received – may change due to costs increase
 - b. Hold off on DIR check and addition
 - 2. Temporary Piping System Revised
 - ii. \$265,000 construction costs
 - 1. State cannot confirm the amendment will be approved until additional documentation has been provided.
 - a. Need State approval before execution of change order.
 - iii. New Contractor
 - 1. Rebid, formal FBA and agreement amendment required (4-6 Months)
 - iv. Farr Construction
 - 1. Agreement amendment (3 Months)
 - v. Mehreen requested a Technical memo for proposed work.
 - 1. AMCE submitted 9/29/22
 - vi. No cultural assessment required.
 - vii. Biological memo required.
 - 1. AMCE submitted 9/29/22
- d. Big Creek and 2G piping coating quote received (Sand Blasting) - \$62,000
 - e. Big Creek and 2G piping coating quote requested (Overcoat) - \$75,200
- 2. Liquidated damages
 - i. As furnish of the fan panel to be installed at the Butler Way Pump Station is out of Farr Constructions control liquidated damages stopped once the lights, heater and electrical work were installed (March 18, 2022).
 - ii. Farr Construction submitted letter claiming that substantial completion was achieved on December 16, 2021.

1. AMCE will develop a response letter following the Tank 5 mediation response
2. Letter received from Farr Construction on March 8, 2022 stating that the Second Garrotte Tank was ready to be disinfected and started up
 - a. Letter should have been provided on 12/16/21 if they were prepared.
3. Butler Way Sound Enclosure installation began on January 18, 2022
 - a. Claimed since pumps were being used that Butler Way had reached substantial completion.
 - i. Pumps freezing because heater was not installed.
4. Electrical at Second Garrotte (Pressure Transducer)/Butler Way heater and light installed March 18, 2022.

XI. ADJOURN

**GROVELAND COMMUNITY SERVICES DISTRICT
SEWER COLLECTION SYSTEM IMPROVEMENTS PROJECT
CONSTRUCTION PROGRESS MEETING**

December 5, 2022 @ 8:30 AM

AGENDA

I. INTRODUCTIONS

II. CONSTRUCTION PROGRESS SNAPSHOT

a. Total Project Cost (Contractor)	\$3,653,429.00
b. Total Funding Agreement (Total Project)	\$5,845,568.00
c. Budget Spent to Date (Contractor)	\$898,107.10
d. Budget Spent to Date (Total Project)	\$1,423,308.36 (+59,758.29 CCO 3-4, 6, 8-9)
e. Total Project Contingency	\$922,877.00
f. Contingency Used to Date	\$89,576.47 (+59,758.29 CCO 3-4, 6, 8-9)
g. Percentage Funding Used to Date (Contractor)	24.6%
h. Percentage Funding Used to Date (Total Project)	24.3%
i. Percent Contingency Used to Date	9.7%
j. Days for Completion	348 Calendar Days (All CCO's)
k. Elapsed Days	175 Calendar Days
l. Weather Day	3 Weather Day
m. Remaining Days	176 Calendar Days

III. CONSTRUCTION SITE REPORTS

- a. Progress to Date
- b. Contractor (1-MONTH LOOK AHEAD)

IV. CHANGE ORDERS

- a. Executed Change orders
 - i. Change Order No. 1 – MH-2003 to MH-2004 Trench Rock Break (T&M) (\$2,352.97 and 0 .50 calendar days) (Included in DR No. 4)
 - ii. Change Order No. 2 – MH-101 Removal (\$2,550.00 and 0 .50 calendar days) (Included in DR No. 4)
 - iii. Change Order No. 3 – MH-3 to MH-4 Replacement in Lieu of Spot Repair (\$38,790.00 and 3 calendar days) (Improvement Pending)
 - iv. Change Order No. 4 – MH-37 to MH-38 Improvement Revisions (-\$3,900.00 and 1 calendar day) (CIPP Improvement Pending)
 - v. Change Order No. 5 – Trash Disposal & Potholing for MH-20 to MH-21 (\$5,383.50 and 1 calendar day) (Included in DR No. 4)

- vi. Change Order No. 6 – MH-97 to MH-97B Culvert T&M (\$6,929.52 and 1 calendar day) (To be billed to school - WILL NOT BE CLAIMED)
 - vii. Change Order No. 7 – MH-10-24 to MH-10-20 Replacement in Lieu of Spot Repair (\$79,290.00 & 2 Calendar Days) (Included in DR No. 4)
 - viii. Change Order No. 8 – MH-123 to MH-124 (-\$8,271.00 and 1 Calendar Day) (Concrete Improvements Pending) (Claiming in DR No. 5)
 - ix. Change Order No. 9 – MH-4-93 to MH-4-95, MH-4-93 to MH-4-276 & MH-4-276 to MH-4-275B Improvement Revisions (\$26,210.00 & 3 Calendar Days) (Claiming in DR No. 5)
- b. Pending Change Orders
- i. Change Order No. 10 – MH-10-10 to MH-10-8 Creek Crossing/2 Lateral Improvements (Work Completed - T&M Documents – 2 T&M Documents Received) (Under review)
 - ii. Change Order No. 11 – MH-4-251 Alignment Revisions (RFI No. 2) (T&M Documents pending)
 - iii. Change Order No. 12 – MH-1-325A to MH-1-324 Creek Crossing (Work Completed - T&M Documents Received) (Under review)
 - iv. Change Order No. 13 – MH-10-13 to MH-10-10 Creek Crossing (Work Completed - T&M Documents Received) (Under review)
 - 1. Requested all pending change orders 11/28/22
- c. Final Change Order List
- i. Budget of \$500,000 until project is completed
 - ii. Estimate approximately 1 to 1.5 million remaining at end of project
 - 1. Final Direction Received and provided to Moyle regarding material procurement and additional improvements.
 - 2. AMCE developed change order tracking list that separates out the change order costs incurred for this list and the project in general.
- d. Additional Improvement in Unit 12/MH-48 to MH-49
- i. Funding constraints
 - 1. Peter to discuss addition funding with State

V. SUBMITTAL REVIEW

- a. Approved Submittals
 - i. Submittal No. 1 – 15.1 & 17 – 20
- b. Rejected

- i. Submittal No. 16
 - c. Remaining Submittals
 - i. Additional Requirements for Bore & Jack
- VI. REVIEW RFI LOG
 - a. Received/Pending RFI's
 - i. RFI No. 1 – Bore and Jack Information
 - 1. Response sent 8/9/2022
 - ii. RFI No. 2 – MH-4-251 Alignment Revisions
 - 1. Direction Provided via Email 8/17/2022
 - 2. Formal Response provided 8/25/2022
 - iii. RFI No. 3 – MH-1-325A to MH-1-324 Creek Crossing
 - 1. Formal response sent 9/15/2022
 - iv. RFI No. 4 – Reid Circle Tree
 - 1. Formal response sent 9/29/2022
 - v. RFI No. 5 – Use of Grade Rings to bring Manhole's to Grade
 - 1. Formal Response provided 10/10/2022
- VII. PAYMENT REQUESTS
 - a. FBA Approval (Phase 2)
 - i. Fully Executed Agreement
 - b. Processed
 - i. Disbursement Request No. 1 (\$58,259.00)
 - 1. Received. (Submitted 1/28/2021)
 - ii. Disbursement Request No. 2 (\$111,500.00)
 - 1. Received. (Submitted 3/24/2021)
 - iii. Disbursement Request No. 3 (\$183,773.00)
 - 1. Received. (Submitted 7/6/2022)
 - iv. Disbursement Request No. 4 (\$1,020,392.00)
 - 1. Received. (Submitted 9/8/2022)
 - v. Disbursement Request No. 5 (Pending)
 - 1. ACME second round comments provided 11/30/22
- VIII. ENCROACHMENT PERMITS
 - i. CalTrans Encroachment Permits

1. MH-2 to MH-3 (July 8, 2023 Expires)
 - a. Shoulder Close Permit with Flagging
 - b. Traffic control plan completed
 - i. AMCE/Contractor Permit Received
 1. Completion of construction schedule received
 - a. 1/23/23 to 1/27/23
 2. MH-48A to MH-49 (July 8, 2023 Expires)
 - a. Shoulder Close Permit
 - b. Traffic control plan completed
 - i. AMCE/Contractor Permit Received
 1. Completion of construction schedule received
 - a. 2/2/23 to 2/8/23
 - i. Adam to discuss with owner regarding proposed/optimal construction date/time
3. MH-17 to FB-105 (July 8, 2023 Expires)
 - a. No Traffic Control Required
 - i. AMCE/Contractor Permit Received
 1. Completion of construction schedule received
 - a. 2/10/22 to 2/16/22
 - i. Adam to discuss with owner regarding proposed/optimal construction date/time
4. MH-47 to MH-48 (March 31, 2023 Expires)
 - a. No Traffic Control Plan
 - b. Must be completed by August 31, 2022
 - i. Provide 7-day notice to CalTrans
 - ii. Requested extension 8/11/22
 1. Extending to March 31, 2022.
 - a. Moyle to provide itemized dates for CIPP/Rehab. improvements.
- ii. Tuolumne County Encroachment Permits (January 28, 2023 Expires)

1. The following sewer pipelines will be replaced/rehabilitated within the County right of way:
 - a. Anderson St/Vassar St, Big Oak Flat, CA - replacement of approximately 140 LF of sewer pipe,
 - b. School St, Big Oak Flat, CA - replacement of approximately 195 LF of sewer pipe and the addition of a new manhole,
 - c. Black Rd, Big Oak Flat, CA - cured in place pipe (CIPP) rehabilitation approximately 160 LF,
 - d. Clements Rd, Pine Mountain Lake - replacement of approximately 602 LF of sewer pipe,
 - e. Clements Rd, Pine Mountain Lake - replacement of 6 LF of cracked sewer pipe,
 - f. Clements Rd, Pine Mountain Lake - Replacement of approximately 328 LF of sewer pipe,
 - g. Catholic Cemetery St, Big Oak Flat, CA, replacement of factor tap (lateral connection),
 - h. Ponderosa Ln, Groveland CA, CIPP rehabilitation approximately 162 LF
 - i. AMCE to confirm improvements are completed before permit lapse.
- iii. Hetch Hetchy Encroachment Permits
 1. Must commence construction of Hetch Hetchy improvements within 240 days (November 6, 2022).
 - a. Notify Hetchy of start of work 10 day in advance
 - i. Work started on October 3, 2022
 - ii. Notice sent 9/15/2022
 2. Complete improvements within 365 days (March 11, 2023).
- iv. Contractor concurrence with all encroachment permits
 1. Sent 9/6/2022
- v. GIS Data Gathering
 1. Adam to train Les to use Trimble R2 unit
 2. Les to store unit at Adams office
 - a. Use only to gather points then return

IX. PROJECT SCHEDULE

- i. Schedule
 1. 3-week look ahead (updated 11/3/2022 – 12/9/2022)

- a. Holding off on sewer replacement and proceeding with manhole replacements
 - i. Requested updated schedule 11/30/22
 - 1. Moyle discussed direction with Adam
- 2. To completion (Updated 11/8/22)
 - a. Requested new schedule to include Caltrans Improvements, CIPP/Rehab. work, & Hetchy Hetchy improvements
 - i. CIPP/Rehab. work to begin January 2023
 - 1. 1/3/2023 to 3/6/2023
 - a. Moyle to provide itemized dates for improvements.
 - ii. Caltrans Replacement work
 - 1. GCSD to approach owners and discuss proposed/optimal date/time.
 - iii. Caltrans CIPP work
 - 1. Moyle to provide itemized dates for improvements.
 - iv. Hetch Hetchy work
 - 1. Moyle to provide itemized dates for improvements.
 - v. Deleted work
 - 1. Comments provided in schedule.
- ii. Notices to Homeowners
 - 1. Notices to be sent out for two-month work period.
 - a. From schedule to completion
 - 2. Notices to be sent out for three work period.
 - a. Once on short schedule
 - 3. Notices to be sent out for one week work period (with exact tentative dates provided).
 - a. Door hangers to be provided to Les for placement on doors when construction is about to take place in specific areas.
- iii. Construction Staking
 - 1. All alignments have been staked for Pine Mountain Lake, Groveland and Big Oak Flat
 - 2. CCTV marked spot repairs and laterals

3. PML Hardware store PUE staked:
 - a. Adam approached PML hardware store owner.
 - i. Additional area to be provided by owner for construction. (need in writing)
 1. No easement to be purchased by GCSD.
 2. Yonder development to pursue their easement
4. Clements road (Unit 12) construction staking completed 11/22/22
 - a. Staking documents provided by Jack sent to District 11/23/22
 - b. AMCE developed figure for easement
 - i. Sent Peter 12/1/22
5. Lift Station 10 easement and property corners to be staked.
 - a. Proposal approved 11/30/22
 - i. Staking activities to occur Week 12/5/22 (Middle to end of week).
6. Bore and Jack (PML)
 - a. Master staking file to be provided once improvement finalized.
 - i. Staking request received
 - ii. Minimum 48 hours' notice
- iv. Completion Reports
 1. Les to develop list of completed pipelines and update weekly.
- v. Final Deliverable Dates:
 1. Construction Completion Date: December 31, 2024.
 2. Final Disbursement Date: June 30, 2025.
- vi. Punch List
 1. Developed for Unit 1, 4, 10 and 13
 - a. Final walk through for above improvement 12/7/22

X. CONCERNS

- a. Bore and Jack Improvement (MH-15-32 to MH-15-33) (Postponed)
 - i. Moyle provided costs for revised bore and jack improvements. (11/30/22) (Increase of \$77,612.00)
 1. Revision to improvements confirmed 12/1/22
 - a. Additional documentation to be provided regarding bore and jack pending improvement confirmation (AIS, etc).
 - ii. Moyle to provide costs for conventional replacement. (11/30/22) (Increase of \$66,697.00)

- b. Pine Mountain Lake Hardware Store Sign
 - i. Adam is working with the store owner to get the sign taken down/additional construction easement.
 - 1. Adam talked with PML hardware store owner 9/19/22
 - ii. Sign should be relocated away from new sewer pipeline.
 - 1. Encroachment permit to be filed and reviewed.
 - iii. Easement Found for this location.
 - 1. Additional land to be provided for construction purposed, in writing.
 - iv. Schedule to be provided for work to provide ample notice to the homeowner.
- c. Easement and Access Agreements
 - i. Land and Structure to gather and process
 - 1. \$2,500 to \$3,500
 - ii. Yosemite Title Company
 - 1. \$150 /hr
 - iii. County website providing access to District documented easements.
 - iv. Pine Mountain Lake, Big Oak Flat and Groveland Easements Found in District Storage.
 - v. AMCE holding off on easement letter until required
 - 1. 10' each side of pipe along centerline

XI. ADJOURN



County Administration Office

“We Support the Board of Supervisors in achieving their goals through service & collaboration with the County Departments and the Community”

Tracie M. Riggs
County Administrative Officer

November 22, 2022

TO: Board of Supervisors

FROM: Tracie M. Riggs, County Administrative Officer
Eric L. Erhardt, Assistant County Administrative Officer
Dave Wood, County Fire Chief/CALFIRE Unit Chief
Marc DuTillio, Assistant Fire Chief

SUBJECT: Consideration of approving Amendment #3 to the 2020 Cal Fire Agreement

Background

Fire prevention and protection has been the number one priority for this Board. The attached contract is a direct result of that focus and perseverance.

The contract with CALFIRE to provide fire personnel is a three-year contract. The current contract began on 7/1/2020. This contract has been amended twice and a third amendment has been developed for two reasons:

1. Adds the FEMA approved the SAFER Grant funds that County Fire staff applied for earlier this year. This grant provides three years of funding for:
 - i. Two new fire stations
 1. Groveland-Station 63
 2. Mono Vista (Soulsbyville)-Station 56
 - ii. 19 new positions SAFER Grant Firefighters
 - iii. \$9M over a three-year period.
2. Addition of a fire station in Columbia which includes an additional Battalion Chief. The Board allocated \$1.3M from the Local Assistance and Tribal Assistance Funds to add a much needed fire station in this area.

The chart below summarizes the contract cost, dates of amendments and staffing.

Assistant County
Administrator
Eric Erhardt

Capital Projects
Director
Maureen Frank

Senior Administrative
Analyst
Liz Peterson
Robbie Bergstrom

Office of Emergency
Services Coordinator
Dore Bietz

Homeless Services
Coordinator
Michael Roberson

Purchasing &
Contract Analyst

Administrative
Analysts
Tracey McKnight
Sean Hembree
Mark Fischer
Bobbi Donham

Executive Assistant/
Deputy Clerk of the
Board
Christina Cunha

Board Clerk
Heather Ryan

Executive Clerk
Jessica Alley

	Date	Staffing	Cost	Increase
Annual Contract	7/1/2020	11 Fire Fighters 7.5 Support Staff	\$13,437,516	
Amendment #1	12/1/2020	9 Fire Fighters Six Month AMADOR Station	\$14,259,291	\$821,775
Amendment #2	5/26/2022	6 Fire Fighters Groveland Station	15,111,148	\$851,857
Amendment #3	12/6/2022	19 Fire Fighters- SAFER Grant 6 Fire Fighters- Columbia Station	17,369,177	\$2,258,029

The chart above summarizes the three amendments to the current contract with CALFIRE. As you can see from the chart above:

1. The original contract with CALFIRE provided County Fire with 11 full-time fire fighters
2. Amendment #1- added three seasonal Amador stations (Blanchard, Twain Harte, and Groveland) adding 9 seasonal fire fighters
3. Amendment #2- Added Groveland Schedule A (Pilot as it was funded with one-time funding) adding 6 full-time fire fighters and eliminated the Groveland Amador Station eliminating 3 seasonal fire fighters
4. Amendment #3-Adds the Mono Vista and Groveland full-time stations funded by the SAFER Grant, which also includes increased staffing at the East Sonora and Jamestown stations. This amendment also adds a new full-time station is the Columbia area (funded with one-time funding) and a Battalion Chief.

The new amended contract will now provide 37 full-time fire fighters (started with 11 and added 19-SAFER Grant and 1 Battalion Chief and 6-Board funded). This is a huge accomplishment and needs to be both recognized and celebrated, as fire prevention and protection has been the number one priority for this Board.

While Amendment #3 will cost \$2.258M, County Fire staff have leveraged the SAFER grant to its full potential so that the net cost to the County is only an additional \$255K through then end of this fiscal year (June 30, 2023). Any unused funds, allocated by the Board for fire, will remain in the fire fund to carry forward into the next fiscal year. This means there is sufficient funding for all three stations through FY 23/24.

Unfortunately, staff is anticipating it will become fiscally challenging, and possibly unsustainable, to fund the Columbia station in FY 24/25, and Groveland and Mono Vista in the latter part of FY 25/26.

If any of the revenue measures, placed on the ballot by the Board, would have passed it would have helped tremendously. Unfortunately, both failed sending County government a strong message to live within its means. This is difficult with rising costs but can be done by shifting resources to focus on priority areas. This will be a difficult process and will require difficult conversations and hard decisions. However, I have faith in staff, and the Board, to do all of this in the most creative and amicable process possible.

Like all government agencies, CALFIRE has been in negotiations with their unions regarding compensation, benefits, and other aspects of their working conditions. As a result, the cost to fund each station will increase from \$1.3M to \$1.5M. This means the cost of providing fire protection will increase to over \$8M per year for five fully staffed County Fire stations. This does not include equipment or buildings. Current revenues, net of the General Fund contribution, are \$4.1M. This equates to a shortfall in revenue of \$4M. Furthermore, there are other fire stations in the community who are struggling financially and are considering annexations. If this occurs, it will cause a reduction in County property taxes for County Fire services.

Staff Recommendation:

It is recommended your Board approve amendment #3 of the contract with CALFIRE as outlined above.



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November 8, 2022

TO: Board of Supervisors

FROM: Tracie M. Riggs

RE: Contract with the Visit Tuolumne County In 1983, members of the Tuolumne County Lodging Association proposed and supported an increase in the transient occupancy tax (TOT) from 6% to 8%. The County and the City began providing 25% of the 8% total TOT to the Tuolumne County Visitors Bureau (TCVB), for the purpose of increasing tourism throughout all areas of the County.

In June 2010, voters of the City and the County approved an increase in the TOT from 8% to 10%, and the contract was changed to provide 25% of the total TOT to TCVB. On November 4, 2020, voters approved an increase in TOT from 10% to 12%. The contract with TCVB was not amended to increase paying TCVB 25% of the 12%. TCVB is currently provided 25% of the 10% TOT for regional marketing and other tourism industry support services.

When the contract was originally executed, in FY 1983/1984, the annual amount provided to TCVB by the County, was \$40,157. This amount has grown to \$1.75M for the current fiscal year. This also reflects the growth of TOT since 1983. TOT is one of the County's main sources of discretionary revenue and is used to pay for County services and programs.

The current contract with Visit Tuolumne terminates on 12/31/2022. If the Board does not take action, payments will stop after the quarter ending 12/31/2022.

The Board of Supervisors is intimately aware of the difficulties in addressing the cost for public safety services. Fire prevention and response has been the number one priority for this Board resulting in the increase of fire stations from 2 fully staffed County stations to 5 fully staffed County Fire stations. Funding from the American Rescue Plan Act and the SAFER Grant have allowed for these pilot projects to take place. However, it is imperative that staff provide the Board with a financial plan for fiscal sustainability of these pilot fire stations so that they can be permanent fire stations.

The County has placed four revenue measures on the ballot over the last several years, two of which would have provided much needed funding specifically for fire services. Unfortunately, none were approved. It is clear county residents are telling

their County government to live within their means. The only way to do this is to stay vigilant in how discretionary revenues are used and ensure the first priority is public safety.

Over the last four years staff have been meeting with the President and CEO of Visit Tuolumne (formerly known as Tuolumne County Visitors Bureau) and various board members to discuss alternatives to the current contract. Staff have explained the rising costs of operations and the need to increase public safety services such as fire protection and law enforcement services. Additionally, staff have taken the time to explain the critical need to increase wages for law enforcement (and all other staff) in order to be competitive with neighboring counties, to assist with recruiting and retaining staff.

To further complicate matters, equipment for public safety is outdated and needs to be replaced and buildings do not meet the needs of staff and services.

For further background, staff spent time researching other counties/cities to see if they provide any specific financial contributions to their local visitor bureau association. Attached to this staff memo is a worksheet for Board review. The table below summarizes those counties who do provide some portion of their TOT to their visitors bureau and/or chamber of commerce, including their actual TOT collected for FY 21/22 and their budgeted amount for the current fiscal year.

COUNTY	SALES TAX	TOT CURRENT RATE	TOT FY 21/22 Actual	TOT FY 22/23 Budget	% or amount monetarily contributed to Visitor's Bureau
ALPINE	7.25%	10.00%	\$ 596,051	\$ 550,000	% towards Chamber off Commerce differs: Markleville 20% /Bear Valley and Kirkwood 10%
AMADOR	7.75%	10.00%	\$ 390,712	\$ 390,000	\$136k annually to the Amador Council of Tourism and \$80k to the Chamber of Commerce
CALAVERAS	7.25%	12.00%	\$ 2,728,725	\$ 2,450,000	Previously 25%, now flat rate \$400K for FY 22-23, to be re-evaluated each FY
EL DORADO	7.25%	10.00%	\$ 7,028,056	\$ 8,254,577	Two- Year Agreement \$481,840 (\$240,920/year)
MADERA	7.75%	9.00%	\$ 4,658,547	\$ 6,306,872	contributes \$150,000 annually to Visit Yosemite Madera County
MARIPOSA	7.75%	12.00%	\$ 17,697,877	\$ 20,443,979	Yosemite Mariposa County Tourism Bureau - \$50,000
MONO	7.25%	12.00%	\$ 2,524,460	\$ 2,967,000	Internal Tourism District - 8.33% / Subsidize Paramedic services 16.67%
PLACER	7.25%	8% + 2% Tahoe region	\$ 8,355,524	\$ 11,000,000	\$540,000 per year with Placer County Visitor's Bureau
TUOLUMNE	7.25%	12.00%	\$ 7,281,878	\$ 8,400,000	25% OF 10% TOT \$1.75M FY 2022/2023

Staff developed this chart to gain further perspective for analysis to develop a well thought out recommendation to the Board. As you can see, Tuolumne County provides more than triple of any of the counties listed above. Placer provides \$540K per year and the next highest is Calaveras County which provides a flat \$400K per year. In prior years, Mariposa County used to provide \$500K per year to their visitors bureau, yet this fiscal year they are providing \$50K. The current budget for Tuolumne County is to provide \$1.75M to Visit Tulumne this fiscal year.

On Friday November 4th, staff met with Lisa May (President/CEO Visit Tuolumne) and Katie Dunn (Visit Tuolumne Board Chair and President of the City of Sonora Chamber of Commerce) to further discuss options of reducing the contract in a way that avoids creating harm to Visit Tuolumne, providing the time needed to put a Tourism and Business Improvement District (TBID) assessment in place (this process can take several years) while at the same time

providing a mechanism of redirecting existing and future TOT towards critical essential services, such as public safety.

	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028
Payment to Visit Tuolumne	\$ 1,750,000	\$ 1,250,000	\$ 1,000,000	\$ 750,000	\$ 500,000	\$ 500,000

The schedule above outlines a multi-year approach to reduce and ultimately cap the payment provided to Visit Tuolumne. This plan provides discretionary funding the Board of Supervisors may redirect towards essential services, such as fire protection. This multi-year plan also provides time for Visit Tuolumne to begin working to develop and implement a Tourism Business Improvement District with the owners of local lodging establishments. A TBID will provide another source of ongoing revenue, outside of County TOT, for Visit Tuolumne to continue providing marketing and tourism industry support services.

It is important to note that the cap of \$500K is still on the highest end of what is provided by any other county to their local visitor bureaus.

If the Board approves staff recommendation, the contract with Visit Tuolumne would be extended from its current termination date of December 31, 2022 to a termination date of June 30, 2027 with five, 5-year term renewals. The new contract would honor providing 25% of the 10% of TOT for the current fiscal year (with no cap), then beginning July 1, 2023, the contract would begin to decrease on an annual basis until it reached the cap of \$500K.

The Board would also need to make the finding to sole source the services provided by Visit Tuolumne. The current purchasing policy states that any service above the CAO signing authority (currently \$69,788) must go through a formal and competitive Request for Proposals process. However, the ordinance code does allow for the ability to make a finding that a specific contractor is so uniquely qualified, that a sole source is in the best interest of the tax payer and an RFP isn't necessary.

Staff Recommendation:

It is recommended the Board approve the following actions:

1. Make a finding that Visit Tuolumne is uniquely qualified to provide marketing and other services related to tourism for the County of Tuolumne; and
2. Approve the contract with the multi-tiered approach to reducing the annual contribution to Visit Tuolumne, based on the table above (and contained in the contract), phasing in an annual cap of \$500K beginning fiscal year FY 26/27.

PROJECT INFORMATION TAB

*Project Name: GCSD Advanced Metering Infrastructure Installation

*Local Partner Sponsor: Groveland CSD

Water System Public ID: CA5510009

*Provide project map in a pdf format: See Attachment No. 1

*How many households will benefit from this project? ±3,300

*Please briefly describe the proposed project:

The Project will replace approximately 3300 existing 20-50 year old manual-read water meters with a cellular based Advanced Metering Infrastructure (AMI) system. The AMI system with its real time water use notifications will reduce significant water loss within the public water system and in customer plumbing, eliminate fifteen days per month of a vehicle running continuously for a nine-hour workday, reduce greenhouse gas emissions, increase system operating efficiency and reduce electricity usage, increase customer water conservation and water loss control through accurate, real time water meter readings and usage notifications from home or anywhere with internet access. The District and its customers can set water budgets and alarms to receive immediate notification of water leaks and overuse, to allow immediate response to minimize water loss and waste so that available District treated water supply is maximized.

*Grant Amount Requested: \$3,005,000

*Other Cost Share: N/A

*GEOGRAPHIC INFORMATION

Geographic Information: This project will assess failing meters located throughout the entire Grove laden CSD, which includes three small cities Groveland (37°50'19.96"N, 120°13'50.94"W), Big Oak Flat (37° 49' 34.18" N, 120° 15' 18.4602" W) and Pine Mountain Lake (37°51'6.08"N, 120°11'49.83"W).

County: Tuolumne County

PROJECT LEVEL EVALUATION

Does this project respond to an existing emergency to humans and/or wildlife? If so, please answer the three questions below.

No

How does this project address a current water supply shortage which significantly endangers the public health, safety or welfare of a specific community or region?

N/A

How does this project address a current water quality emergency which significantly endangers the public health, safety or welfare of a specific community or region?

N/A

How does this project address a current water supply shortage or water quality emergency which significantly endangers a species of concern or a species listed on either the California or Federal Endangered Species Acts?

N/A

*Briefly describe how the community/area benefiting from this project is being impacted by the current drought.

The District's customers are currently under a mandatory 20% water use reduction due to drought. The area benefitting from the project are experiencing increased summer heat events exceeding 110 degrees, atmospheric river storms and flash flooding, increasing temperatures, increased dead and dying trees and vegetation, increased wildfire risk as well as the number and severity of fires in our community already designated as a Very High Fire Hazard region by CalFIRE.

The community/area benefitting from the project is at risk of serious water supply shortages and possible outages should the drought continue and the quantity of water available to the District from its only source is reduced further. The District receives its water from the City and County of San Francisco's Hetch Hetchy Water system which also serves 2.8 million Bay Area customers, and is mandated to strictly comply with the level of water diversion cutbacks issued by the City or it will lose the right to its only water supply. The District does not have a backup water supply, as detailed in its 1995 Water Supply Report completed by DWR, and continued drought will result in reduced diversion from Hetch Hetchy.

The ongoing drought and extremely heavy rain events are causing drying/contraction, then saturation/expansion of soils in pipe trench zones allowing pipe movement and an increased water system pipe breakage rate, resulting in estimated annual water system losses of 21%, or 63 acre feet of water supply.

*How will this project alleviate the drought impacts described above?

Currently it is impossible to quickly identify water system and customer leakage or water waste during water supply emergencies including the drought restrictions identified above. To reduce the 21% water loss without the AMI System, it would take dozens of District employees and trucks driving the streets reading meters, entering and evaluating usage data continuously around the clock, calling and texting customers in addition to repairing system leaks. The AMI system provides the District with the ability to monitor all water use in the system simultaneously at the point and time of distribution and use, thereby allowing rapid identification and repair of distribution system leaks, as well as the ability to deploy a more aggressive response for locating, notifying and repairing/remediating customer water overuse, waste or leaks as they are occurring rather than through data evaluation when meters are manually read monthly and leaks are discovered once they reach the ground surface and customers call. The AMI Project will also allow the District to strictly enforce customer water use restrictions during a supply emergency by being able to monitor real time water use compared to water budgets and restrictions. The AMI System provides the infrastructure and procedures to increase water supply available by 63 acre feet annually, and to make that water available for sanitation, drinking and firefighting when it is needed most during water supply emergencies.

*Please describe why state funding is needed for this project. If state funding is not secured, what will happen to the project?

In California, a disadvantaged community are those with an annual median household income (MHI) of less than 80 percent of the statewide annual figure. According to the U.S. Census Bureau, the average MHI for the State of California during 2015-2019 was \$75,235. During this same period, the District's average MHI was \$59,667, which is 75 percent of the statewide average. Therefore, the District is

classified as a disadvantaged community. The Groveland CSD has water system capital equipment replacement and upgrade needs far beyond the financial capacity of its ratepayers to pay completely without grant subsidies. Further, the District does not have sufficient additional reserve funding in place to pay cash for the proposed AMI meter installation project.

If grant funding is not secured, the District will continue to lose 21% of its water supply diverted until such time as water rates can be increased by an amount sufficient to pay the principle and interest of loan payments to fund the project. At 2.5% of the median household income in a disadvantaged community, the District customers currently have the highest water rates in the county and an approximate \$7 per month increase would be required to borrow funds for the project.

*Can the applicant utilize a partial award if one should be made available? What would the minimum funding needed be to complete the project as proposed?

The Groveland CSD would accept less than a full grant award, however depending upon the amount of funding reduction, a matching loan may be required.

Please note the GRanTS system cannot accommodate the full drop-down menu for benefit types in one menu. Please select only ONE answer from the three dropdowns for primary benefit and ONE answer for secondary benefit.

*Primary Benefit Value: 63 ac-ft of water per year and ability to immediately reduce water consumption during emergencies and restrictions

*Primary Benefit Type: Reduce Water Demand

*Primary Benefit Unit: ac-ft per year

Secondary Benefit Value: 63 ac-ft of water per year, reduced operating cost and power consumption.

Secondary Benefit Type: Water Conservation

Secondary Benefit Unit: ac-ft per year

*Description: Please briefly describe how the project will achieve the claimed benefits including how the project benefits an Urban Community. Please include the name of the Urban Community this project benefits. Please include in the explanation information on the timespan of the primary project benefit and how the project will adapt to ensure a public benefit under future climate conditions

The AMI system will be installed and immediately deliver the stated water demand reduction and water conservation benefits in the communities of Groveland, Pine Mountain Lake and Big Oak Flat. The AMI system will transition the District from 10 days monthly performing manual meter reads and finding and repairing water main breaks and leaks following field discovery after days or weeks of leaking water; to a configurable monitoring and notification system that reads all system meters simultaneously. This instant notification provides for efficient, rapid water main break and customer leak location and repair, reducing the existing water losses by the estimated levels. The AMI system also establishes the District's ability to implement a technology and data driven customer water conservation program that provides the means for customers to set water budgets and usage alarms to reduce water use and waste, and for the District to enforce restrictions thereby reducing water demand in emergencies and supply shortages. The water system loss estimates which are expected to be controlled and recovered with the project were calculated based on annual water main break related loss data, US EPA estimates for recoverable water leaked from the distribution system, customer water break loss data, seasonal customer water usage trends, as well as the experience of other similar water providers using AMI technology.

Does the project provide a benefit(s) to an Underrepresented Community ? : Yes

What percentage of project benefit will go to an Underrepresented Community? 100% DAC

If the project provides a benefit to an Underrepresented Community please describe the benefit, the percentage of project benefit and justification for the benefit level, and how the area meets the definitions of an Underrepresented Community.

The AMI Project reduces water demand and increases water conservation to all communities and customers of the Districts water system. In California, a disadvantaged community is a community

with an annual median household income (MHI) of less than 80 percent of the statewide MHI. According to the U.S. Census Bureau, the average MHI for the State of California during 2015-2019 was \$75,235. During this same period, the District's average MHI of the communities served by the District was \$59,667, which is 75 percent of the statewide average. Therefore, the AMI Project provides a 100% benefit to a disadvantaged, underrepresented community. The project also provides a distinct benefit to lower income customers, as the AMI technology allows for significantly increased water conservation and reduced cost, as well as reduced incidents of high water bills due to leaks gone unidentified for weeks to a month in between manual meter reading. The project allows usage alarms to be set by customers, based on the amount of water usage and cost that they can afford.

Does the project provide a benefit(s) to a Tribe?: No.

What percentage of the project benefit will go to a Tribe?: 0%

If the project provides a benefit to a Tribe please include the name of the Tribe, the percentage of project benefits directly benefitting the Tribe, and justification for the benefit level.

N/A

Please describe the specific climate change vulnerabilities that will impact the Urban Water Management Plan area. Applicants must cite a reference document which identifies the local area vulnerability (eg. UWMP, climate change analysis, local IRWM, etc.)

The Climate Change Vulnerability Assessment contained in the Tuolumne County Climate Action Plan and the District's UWMP details our highest vulnerabilities as continued and increasing temperatures and extreme heat events, Increasing wildfire severity and risk, increasing extreme precipitation and flooding and drought, reduced water supply and reduced snowpack.

Please describe how the project will mitigate the vulnerabilities described in the previous question.

The project will reduce water demand and increase water conservation in our communities. The reduction in water use will also result in a reduction of wastewater generation. By installing AMI water meters that are read remotely and securely via the existing LTE-M cellular network technologies and the Internet, meter readers will no longer need to drive to each water meter and idle in a vehicle ten to twelve, nine hour days per month. The lower water demand and wastewater production will reduce pumping and treatment costs and reduce energy consumption by 162,062 kWh.

The AMI project meets the following objectives of the Tuolumne County Climate Action Plan:

- Reduce process and fugitive emissions as well as reduce energy consumption to treat wastewater through water conservation
- Reduce Vehicle Idling
- Support residents and businesses in preparing for impacts on industries that may be affected by climate change including the tourism and recreation industries.
- Increase energy efficiency in new buildings

- Reduce electricity grid demands through load reduction strategies
- Reduce Water Consumption
- Increase operational efficiency and resilience of water and wastewater systems in response to climate change
- Reduce water consumption for irrigation and agriculture

*Is land acquisition or landowner permission required for this project? If so, please briefly describe the status of the acquisition or agreement with the landowner. If the acquisition is not complete or permission not secured at the time of application, please describe the plan to complete it.

N/A

*Has planning for this project been completed? Please describe the status of planning and tasks needed for the project.

Planning activities have occurred for this Project. As a pilot demonstration, the Groveland CSD has installed 40 of the proposed AMI water meters throughout their service area to test the ability of the meters to transfer data and to utilize the leak detection capabilities. The installed meters have located leaks and reduced water losses in the areas where they were installed and the District has confirmed the capability and usefulness of the AMI meters.

*Has design for this project been completed? Please describe the status of design and tasks needed for the project.

The Groveland CSD will need to prepare plans and specifications stamped by the District Engineer for the installation for the proposed AMI water meters. The feasibility of the AMI system installation has been determined through a successful pilot project and the district stands prepared to complete the project as quickly as possible.

*Are the CEQA (and NEPA if applicable) processes for this project complete? Please briefly describe the CEQA (or NEPA) documents for this project.

A Notice of Exception has been filed for the proposed Project. Test meters have been installed throughout the District to ensure the proposed product is compatible with the system.

*Is permitting for this project complete? Please briefly describe the permits necessary to complete this project.

A CEQA Notice of Exemption has been filed with the State Clearinghouse. The work will take place within District easements and county road right of way under a blanket encroachment permit. No other permits are required.

*Please describe the necessary activities related to construction/implementation for this project.

Construction of the proposed project will include the removal and replacement of the existing water meters with the new AMI water meters with cellular data flow transmitters. The proposed new meters fit within the existing meter boxes and will require no additional construction work to install the proposed improvements. A limited number of plumbing leaks will need to be repaired and broken water meter boxes replaced during meter installation. No other groundbreaking activities will need to occur for implementation of this Project. Software will be installed at the District office and configured to integrate with this cellular based solution.

Scope of Work

The Project involves the contracted removal of 3300 existing manual read water meters and replacement with 3300 cellular based Advanced Metering Infrastructure water flowmeters. Approximately 100 existing broken water meter boxes will be replaced in installation of the new meters. The project involves system startup and training of District staff.

Project Description

The Project will replace approximately 3300 existing 20-50 year old manual-read water meters with a cellular based Advanced Metering Infrastructure (AMI) system. The AMI system with its ability to read all customer meters simultaneously and real time water use notifications, will provide the District the ability to quickly and efficiently identify water leaks, waste and theft; thereby reducing significant water loss within the public water system and in customer plumbing. The AMI System will immediately eliminate fifteen days per month of a vehicle running continuously for a nine-hour workday, thereby reducing greenhouse gas emissions, increasing system operating efficiency and reducing electricity usage. The AMI Project will also increase customer water conservation and water loss control through accurate, real time water meter readings and usage notifications from home, cellular device or anywhere with internet access. The District and its customers can set water budgets and alarms to receive immediate notification of water leaks and overuse, to allow immediate response to minimize water loss and waste so that during water supply emergencies and restrictions, available treated water supply remains in the District system for sanitation, drinking and fire suppression.

Project Objective

Provide simultaneously read, real time water usage data from all customer water meters in the system. Reduce and stop lost and wasted water due to leaks, occurring during water supply emergencies. Reduce water demand through water leak identification and loss reductions. Increase water conservation and immediate demand reductions by providing configurable notifications and alarms related to water budgets, potential waste, non-compliance with usage restrictions or leaks.

Primary and Second Benefit Type Options (choose only one for each benefit) (Reduce water demand, improve operational efficiency)

Ecosystem/Habitat Restoration
Ecosystem/Freshwater habitat
Fishery Improvements
Flood Damage Reduction
Groundwater Quality
Groundwater Recharge
Improve operational efficiency
Reduce Groundwater Pumping
Reduce Water Demand
Stormwater and Flood Management

Qualitative

Surface Water Quality
Water Conservation
Water Quality
Water Quality - Groundwater
Water Quality - Sediment
Water Quality - Surface Water
Water Supply
Water Supply (Ground)
Water Supply (recycle)
Water Supply (Surface)
Water Supply Reliability
Other

Benefit Unit:

Mg/l
Acres
Acre feet per year
Cubic feet per second
Other



COMMUNITY DEVELOPMENT DEPARTMENT

Quincy Yaley, AICP
Director

Land Use and Natural Resources – Housing and Community Programs – Environmental Health – Building and Safety – Code Compliance

Date: **December 6, 2022**
To: Interested Stakeholder
From: Tuolumne County Community Development Department
RE: Site Development Permit SDP22-006
Assessor's Parcel Number: 066-260-039

48 Yaney Avenue, Sonora
Mailing: 2 S. Green Street
Sonora, CA 95370
(209) 533-5633
(209) 533-5616 (Fax)
(209) 533-5909 (Fax – EHD)
www.tuolumnecounty.ca.gov

The Community Development Department thanks you for your participation in the land development process in Tuolumne County. We value your comments and look forward to your continued participation in our planning process. This process provides information on your requirements and concerns to the applicant early in the review process. Involvement on your part can eliminate or minimize problems that could arise later.

Owner: Stephanie Wohlfiel

Applicant: Landon Blake, Redefined Horizons

Project: Site Development Permit SDP22-006 to allow a recreational development consisting of twelve guest cabins, swimming pool, yoga dome, and associated infrastructure on a 14.1± acre parcel zoned C-K (Commercial Recreation) under Title 17 of the Tuolumne County Ordinance Code (TCOC).

Location: The project site is located at 23003 and 23015 Sprague Road East in the Community of Groveland. Within a portion of Section 29, Township 1 South, Range 17 East Mount Diablo Baseline and Meridian and within Supervisorial District 4. Assessor's Parcel Numbers 066-260-039.

Access: Sprague Road East

Sewage Disposal Method: On Site Wastewater Treatment System

Water Source: Well

Fire Hazard Rating: Very High fire hazard severity zone

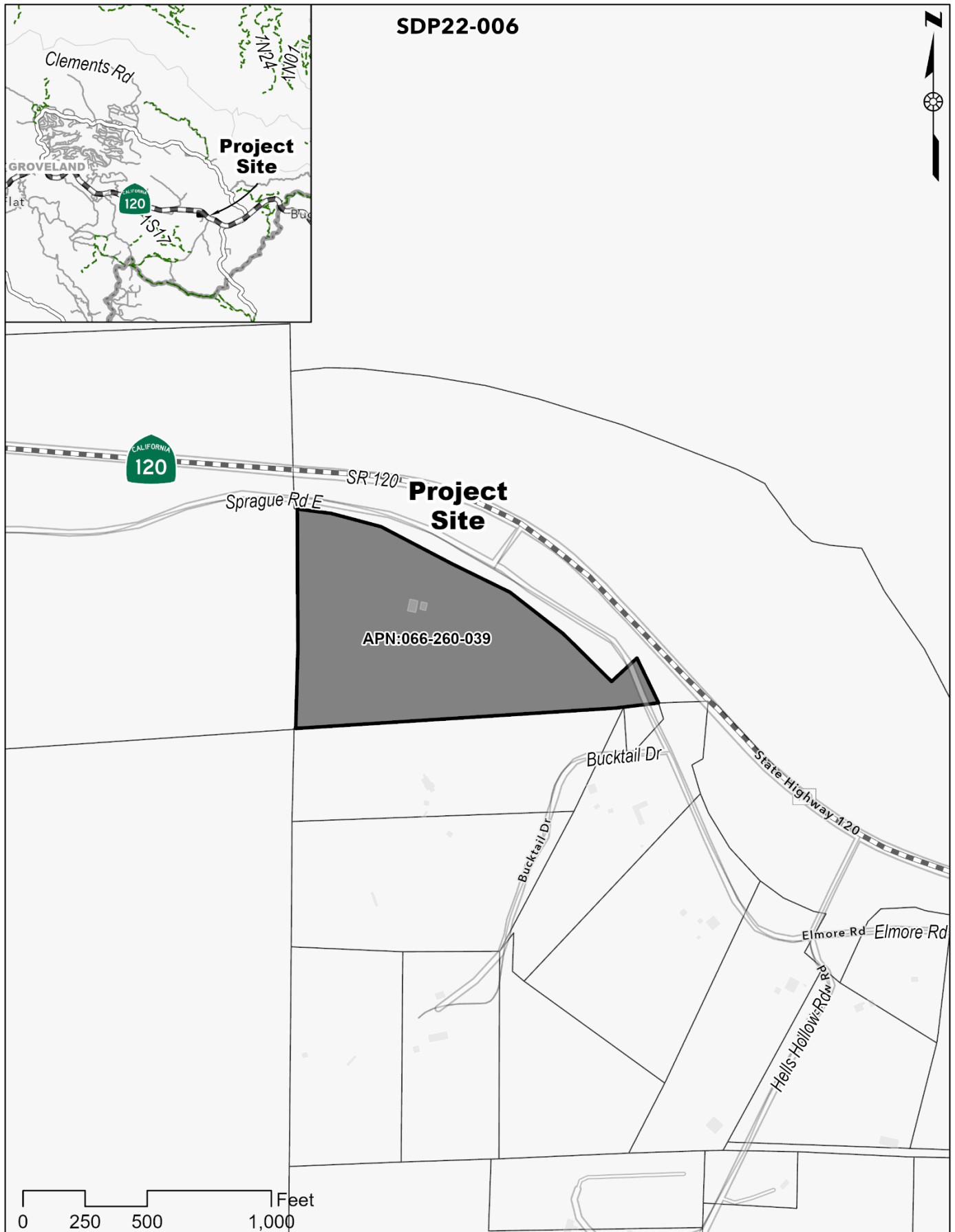
Additional Information:

1. The project would consist of twelve guest cabins rented out for overnight stays. The cabins would consist of prefabricated units. The yoga dome and other amenities on site would be for guests only. The facility proposes to be open year-round.

Please return your comments to the CDD by **January 6, 2023**. Comments may be emailed to Natalie Rizzi, nrizzi@co.tuolumne.ca.us Comments may also be mailed to: 2 South Green Street, Sonora, CA 95370 or brought to the Community Development Department at 48 Yaney Avenue during business hours.

Staff Contact: Natalie Rizzi
Phone: (209) 533-5936
Email: nrizzi@co.tuolumne.ca.us

Vicinity Map



Entire Parcel Site Plan

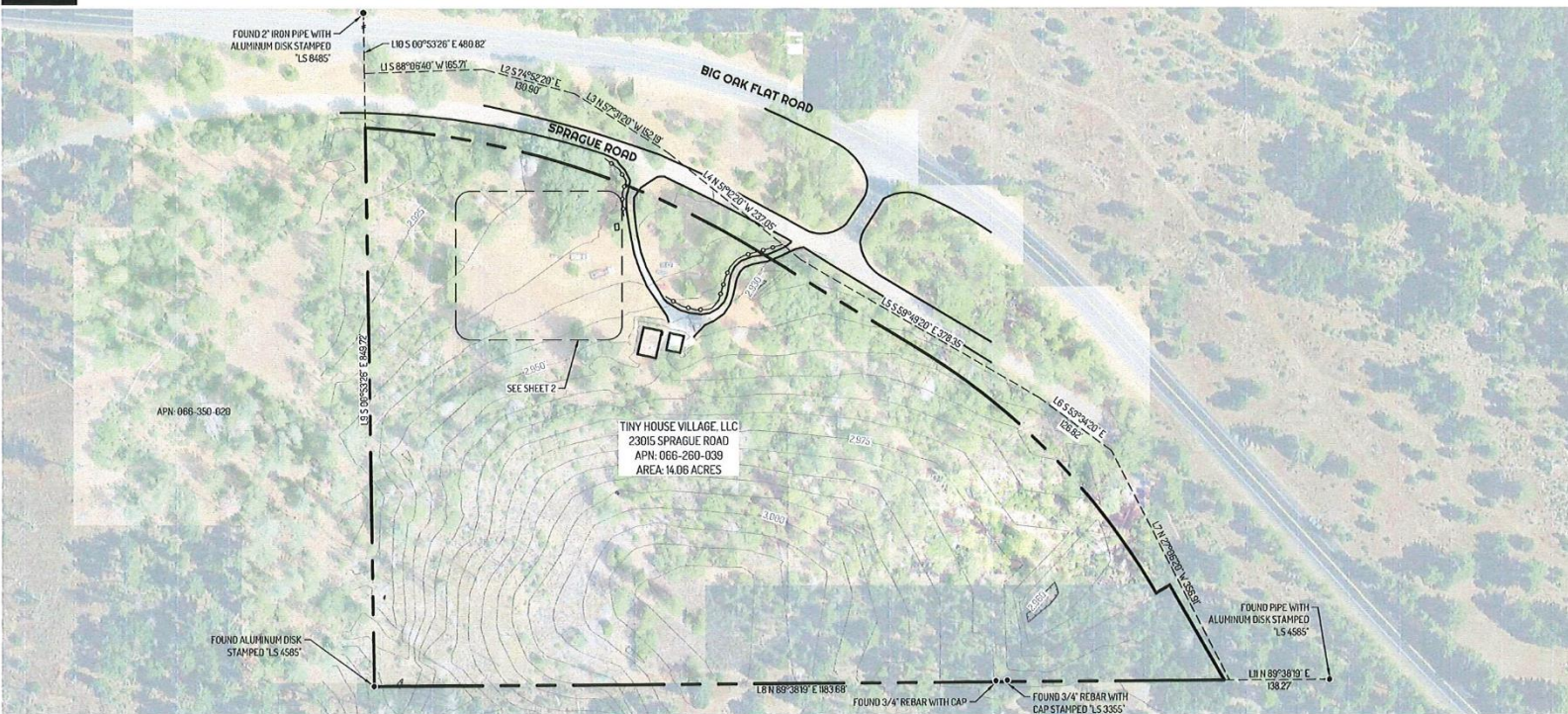


SITE PLAN

JOB #065-001

23015 SPRAGUE ROAD, GROVELAND, CALIFORNIA

SEPTEMBER 2022



REVISION HISTORY

VERSION 1.00: ORIGINAL DRAWING CREATION

PURPOSE

THE PURPOSE OF THIS SITE PLAN IS TO SHOW THE EXISTING CONDITIONS OF THE SUBJECT PARCEL ALONG WITH THE PROPOSED IMPROVEMENTS FOR A CAMPGROUND.

SURVEYOR NOTES

1) UAV ORTHOPHOTOGRAPHY FLOWN IN JULY 2022 AND IS SURVEY GRADE.

PROPOSED IMPROVEMENTS

THE PROPOSED IMPROVEMENTS SHOWN ON THIS SITE PLAN ARE FOR THE PURPOSES OF LAND USE PLANNING. THE PROPOSED IMPROVEMENTS ARE NOT THE RESULT OF CIVIL ENGINEERING ANALYSIS OR DESIGN. THE TOTAL SQUARE FOOTAGE OF PROPOSED IMPROVEMENTS IS APPROXIMATELY 7,800 SQUARE FEET.

LEGEND

- FOUND MONUMENT AS NOTED
- C CALCULATED
- HRC HELD RECORD
- MHD MONUMENT
- M MEASURED
- PC PROPERTY CORNER
- PGB POINT OF BEGINNING
- R RECORD

UNITS

- UNLESS OTHERWISE NOTED:
- 1) ALL DISTANCES SHOWN ARE IN US SURVEY FEET.
 - 2) ALL ANGLES AND BEARINGS ARE SHOWN IN DEGREES/MINUTES/SECONDS FORMAT.
 - 3) DISTANCES SHOWN ARE GROUND (NOT GRID) DISTANCES.

LINETYPES

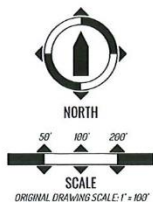
- EXISTING PARCEL BOUNDARY
- - - TIE LINE
- EXISTING PAVEMENT LINE
- - - EXISTING FENCE LINE
- EXISTING BUILDING LINE
- PROPOSED BUILDING LINE
- PROPOSED ACCESS ROAD
- PROPOSED UTILITY LINE
- PROPOSED SEPTIC AREA
- PROPOSED PARKING AREA

OWNER INFORMATION

TINY HOUSE VILLAGE, LLC
23015 SPRAGUE ROAD, GROVELAND, CALIFORNIA

SURVEYOR INFORMATION

SCOTT LANDON BLAKE - PLS 0489
365 WEST F STREET, OAKDALE, CALIFORNIA



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SEP 29 2022

**Community Development
Department**

Close Up Site Plan

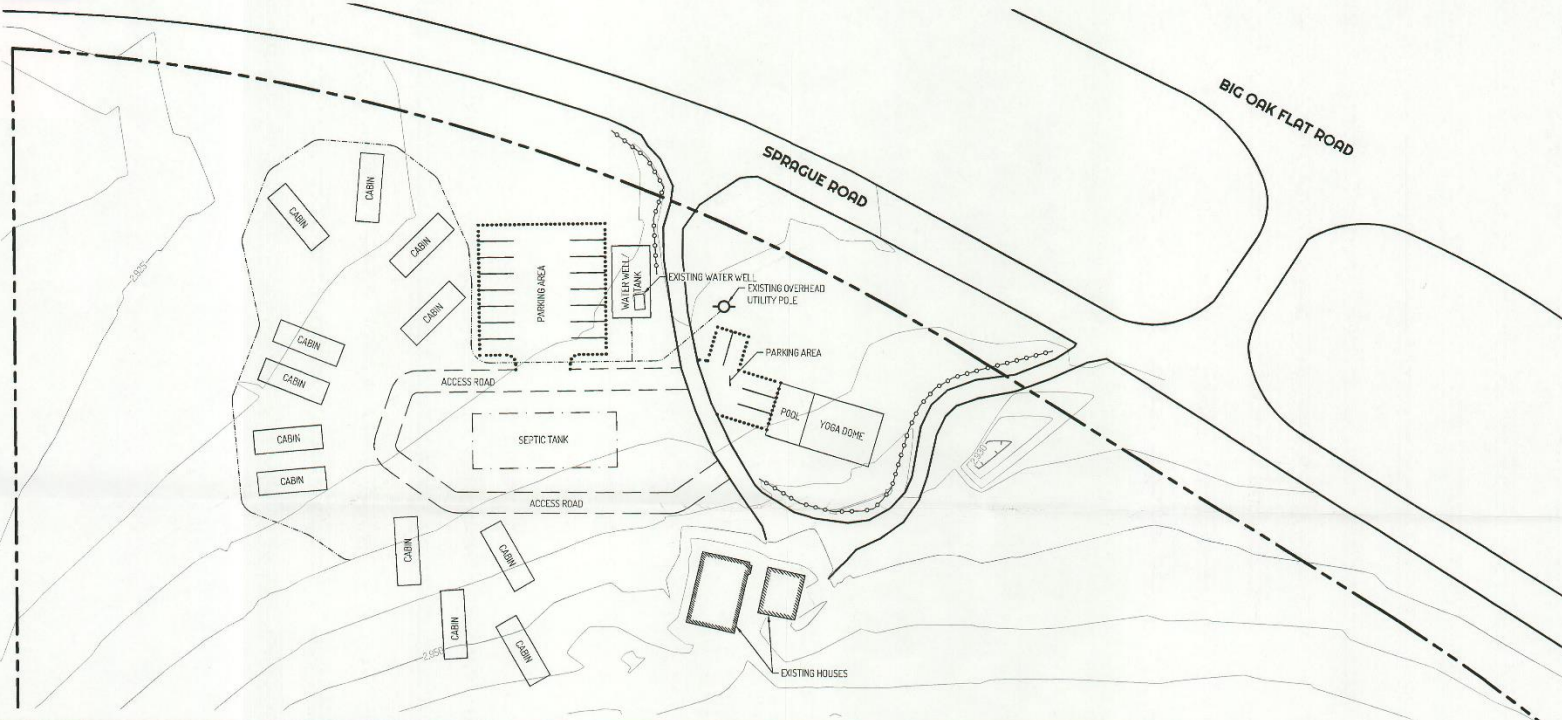


SITE PLAN

JOB #065-001

23216 SPRAGUE ROAD, GROVELAND, CALIFORNIA

SEPTEMBER 2022



REVISION HISTORY

VERSION 1.00. ORIGINAL DRAWING CREATION

PURPOSE

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LINETYPES

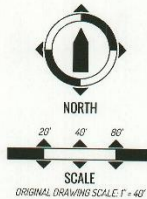
- EXISTING PARCEL BOUNDARY
- - - - - TIE LINE
- EXISTING PAVEMENT LINE
- - - - - EXISTING FENCE LINE
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315 WEST F STREET, OAKDALE, CALIFORNIA

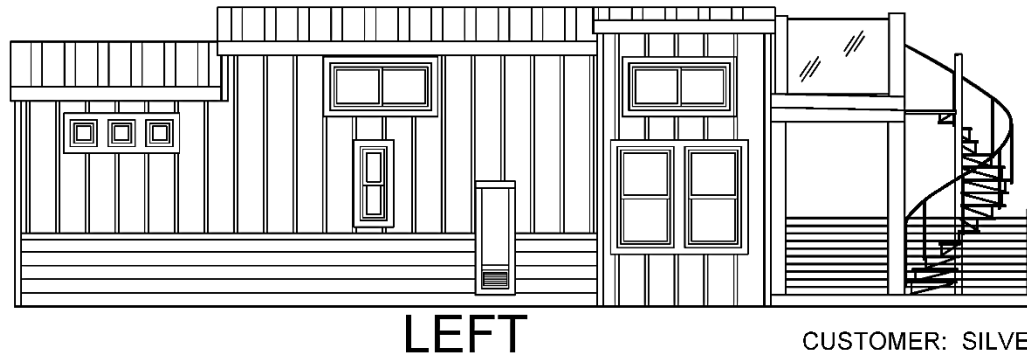
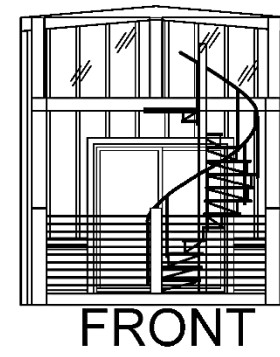
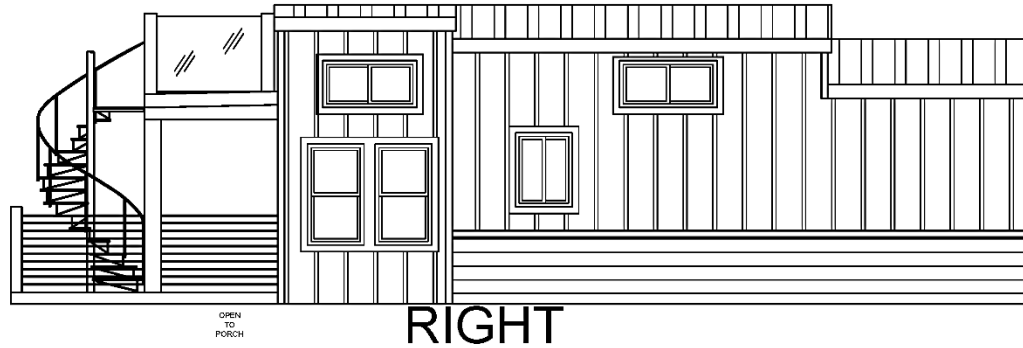


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SEP 20 2022

Community Development
Department

Typical Elevation



CUSTOMER: SILVERCREST ATH-15 DISPLAY
(NAVISION REVISION # NONE)



COUNTY STAKEHOLDER NOTIFICATION RESPONSE FORM

COUNTY PROJECT NUMBER: SDP22-006

PROJECT APPLICANT: Landon Blake, Redefined Horizons

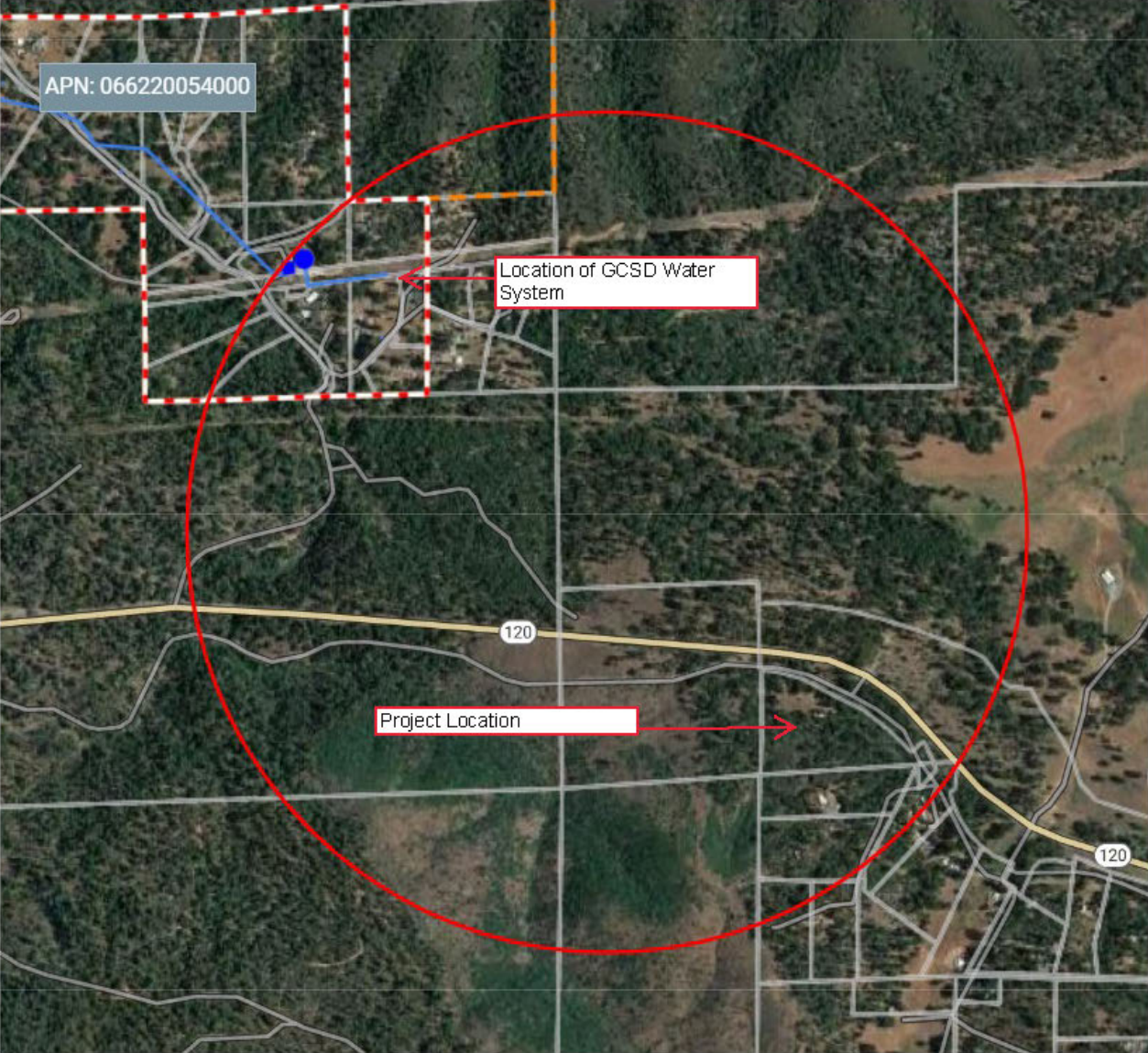
PROJECT DESCRIPTION: Site Development Permit SDP22-006 to allow a recreational development consisting of twelve guest cabins, swimming pool, yoga dome, and associated infrastructure on a 14.1± acre parcel zoned C-K (Commercial Recreation) under Title 17 of the Tuolumne County Ordinance Code (TCOC).

District Response:

The Groveland Community Services District is the local government entity and utility provider of water, sewer, fire protection and recreational park services.

The proposed project is located outside of the district's boundaries, but within 4000 feet of the District's public water system as shown on the attached diagram. Also attached for reference is a groundwater well failure report compiled by Tuolumne County showing a high number of failed wells in the location of the proposed project. Creation of an additional transient-public water system serving the project could be problematic. Connection to the public water system should be encouraged.

For the project site to receive services from the district, including public water service, fire protection and emergency response services, the property will be required to annex to the Groveland Community Services District.



APN: 066220054000

Location of GCSD Water System

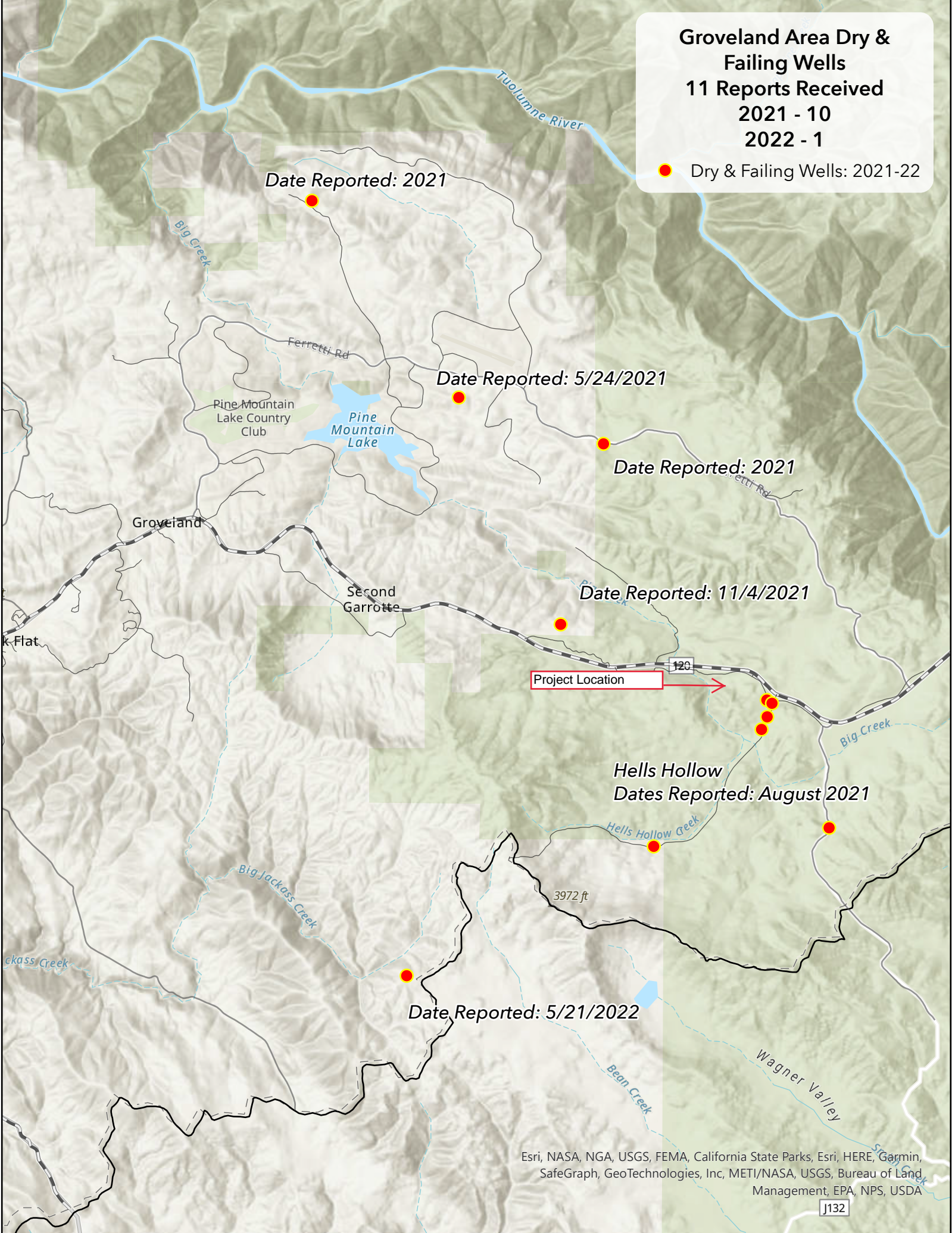
Project Location

120

120

Groveland Area Dry & Failing Wells
11 Reports Received
2021 - 10
2022 - 1

● Dry & Failing Wells: 2021-22



Esri, NASA, NGA, USGS, FEMA, California State Parks, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA