

**TWAIN HARTE COMMUNITY SERVICES DISTRICT  
Water & Sewer Committee Meeting**

**Chair:** *Richard Knudson*  
**Co-Chair:** *Mary Dearborn*

**THCSD CONFERENCE ROOM  
22912 VANTAGE POINTE DR., TWAIN HARTE  
November 6, 2024 8:00 a.m.**

**NOTICE: Public May Attend this Meeting In-Person.**

The meeting will be accessible via ZOOM for anyone that chooses to participate virtually:

- Videoconference Link: <https://us02web.zoom.us/j/83670889260>
- Meeting ID: 836 7088 9260
- Telephone: (669) 900-6833

**AGENDA**

- 1. Discuss strategies to undertake the highest priority sewer system capital improvement projects.**
- 2. Discuss emergency repairs on the Shadybrook Reservoir dam.**
- 3. Update on the Motor Control Center Replacement Project.**
- 4. Adjourn.**

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**HOW TO VIRTUALLY PARTICIPATE IN THIS THIS MEETING**

The public can virtually observe and participate in a meeting as follows:

- **Computer:** Join the videoconference by clicking the videoconference link located at the top of this agenda or on our website. You may be prompted to enter your name and email. Your email will remain private and you may enter “anonymous” for your name.
- **Smart Phone/Tablet:** Join the videoconference by clicking the videoconference link located at the top of this agenda OR log in through the Zoom mobile app and enter the Meeting ID# and Password found at the top of this agenda. You may be prompted to enter your name and email. Your email will remain private and you may enter “anonymous” for your name.

- **Telephone:** Listen to the meeting by calling Zoom at (4669) 900-6833. Enter the Meeting ID# listed at the top of this agenda, followed by the pound (#) key.

\* NOTE: your personal video will be disabled and your microphone will be automatically muted.

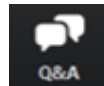
### **SUBMITTING PUBLIC COMMENT**

The public will have an opportunity to comment before and during the meeting as follows:

- **Before the Meeting:**
  - Email comments to [ksilva@twainhartecsd.com](mailto:ksilva@twainhartecsd.com), write "Public Comment" in the subject line. In the body of the email, include the agenda item number and title, as well as your comments.
  - Mail comments to THCSD Board Secretary: P.O. Box 649, Twain Harte, CA 95383
- **During the Meeting:**
  - Computer/Tablet/Smartphone: Click the "Raise Hand" icon and the host will unmute your audio when it is time to receive public comment. If you would rather make a comment in writing, you may click on the "Q&A" icon and type your comment. You may need to tap your screen or click on "View Participants" to make icons visible.



Raise Hand Icon: 



Q&A Icon: 

- Telephone: Press \*9 if to notify the host that you have a comment. The host will unmute you during the public comment period and invite you to share comments.
- In-Person: Raise your hand and the Board Chairperson will call on you.

\* NOTE: If you wish to speak on an item on the agenda, you are welcome to do so during consideration of the agenda item itself. If you wish to speak on a matter that does not appear on the agenda, you may do so during the Public Comment period. Persons speaking during the Public Comment will be limited to five minutes or depending on the number of persons wishing to speak, it may be reduced to allow all members of the public the opportunity to address the Board. Except as otherwise provided by law, no action or discussion shall be taken/conducted on any item not appearing on the agenda. Public comments must be addressed to the board as a whole through the President. Comments to individuals or staff are not permitted.

### **MEETING ETIQUETTE**

Attendees shall make every effort not to disrupt the meeting. Cell phones must be silenced or set in a mode that will not disturb District business during the meeting.

### **ACCESSIBILITY**

Board meetings are accessible to people with disabilities. In compliance with the Americans with Disabilities Act, those requiring accommodations for this meeting should notify the District office 48 hours prior to the meeting at (209) 586-3172.

### **WRITTEN MEETING MATERIALS**

If written materials relating to items on this Agenda are distributed to Board members prior to the meeting, such materials will be made available for public inspection on the District's website:

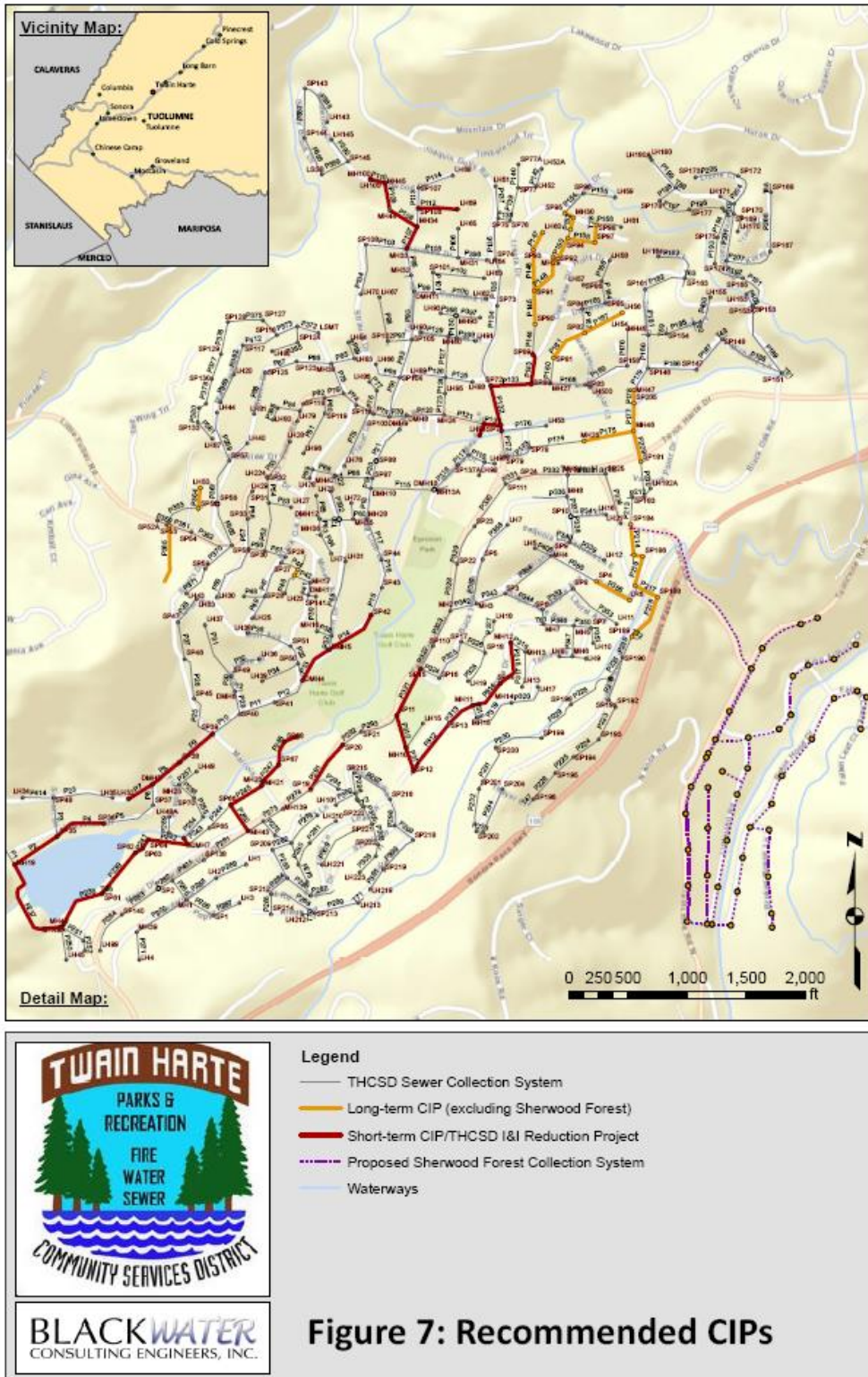
[www.twainhartecsd.com](http://www.twainhartecsd.com)

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**20-YEAR SEWER SYSTEM CAPITAL IMPROVEMENT PROJECT PLAN**

Suggested Year of Completion	Project Location/Name	Description	Risk Rating	Estimated Construction Cost	NOTES	
1	Adjacent to Twain Harte Lake	Replace 3,113' of 10" pipe	4.4	\$ 891,192	* All projects grouped into one large project - TH Pipeline Project * Project Mitigated Negative Declaration completed 3/23/22 * 30% Design Complete December 2021 * Submitted applications for two different grants - award expected Fall 2024 * Project scheduled over the next 3 years * If grants are unsuccessful, will explore other opportunities for grants, loans, or breaking the project into smaller portions.	
2	Marquis Drive	Replace 267' of 10" pipe / 865' of 6" pipe	3.8	\$ 353,385		
2		Replace 466' of 10" pipe	3.6	\$ 104,876		
3	Twain Harte Dr to Spruce Dr	Replace 447' of 8" pipe / 1,967' of 6" pipe	3.6	\$ 589,281		
4	Golf Club Drive (South)	Replace 664' of 10" pipe / 204' of 6" pipe	3.2	\$ 258,308		
3	Fuller to Manzanita Dr	Replace 873' of 8" pipe / 362' of 6" pipe	3.0	\$ 245,935		
4	Sewer crossing of Twain Harte Creek	Replace 63' of 6" pipe crossing	3.0	\$ 54,750		
4	Willowood Dr / Tuolumne Dr	Replace 1,169' of 6" pipe	3.0	\$ 325,915		
5	Golf Club Dr (North)	Replace 830' of 10" pipe	2.8	\$ 225,880		
5		Repair or replace manhole	2.8	\$ 9,700		
5	Tiffeni Dr	Replace 690' of 8" pipe / 349' of 6" pipe	2.6	\$ 308,939		
5	Black Oak Dr	Replace 60' of 6" pipe	2.4	\$ 59,825		
10	Sherwood Forest	NEW sewer system - convert Sherwood Forest from septic to public sewer  15,750' of new 6" pipe	2.6	\$ 3,501,550		* Project requires a vote of Sherwood Forest residents to convert from septic to public sewer and to approve a special tax assessment * Completed 90% design in February 2021 * If residents vote for it, project is planned in 9 years
15	East Ave to Cedar Pines	Replace 595' of 8" pipe / 625' of 6" pipe	2.4	\$ 351,875		* Project planned in 5 years * Portions of project may be relined with annual relining budget prior to year 5
15	Between Cresta Dr and Oak View Dr	Replace 1,968' of 6" pipe	2.4	\$ 579,580		* Project planned in 6 years * Portions of project may be relined with annual relining budget prior to year 6
20	P356	Replace 319' of 6" pipe	2.2	\$ 61,169	* Project planned next year	
20	Behind Dogwood Drive	Replace 709' of 6" pipe	2.2	\$ 160,125	* Completed in June 2021	
20	SP109	Repair or replace manhole	2.2	\$ 9,700	* Completed in June 2023	
20	P365	Replace 488' of 6" pipe	2.0	\$ 79,200	* Project planned in 7 years * Portions of project may be relined with annual relining budget prior to year 7	
20	MH13A	Repair or replace manhole	2.0	\$ 9,700	* Completed in June 2023	
20	SP2	Repair or replace manhole	1.8	\$ 9,700	* Project planned in next 3 years	
20	SP56	Repair or replace manhole	1.6	\$ 9,700	* Project planned in next 3 years	
20	SP109	Repair or replace manhole	1.6	\$ 9,700	* Completed in June 2023	
20	P364	Replace 174' of 6" pipe	1.4	\$ 34,750	* Project planned in 9 years * Portions of project may be relined with annual relining budget prior to year 9	
20	MH93	Repair or replace manhole	1.4	\$ 9,700	* Completed in June 2023	
Continuous	Ongoing Maintenance/Repair	Clean and repair lines with budget when critical issues arise			* Clean more than 25% of lines each year * Repairs made every year as needed	
Continuous	Ongoing Relining of pipelines	Reline high priority and problem lines that can be relined instead of replaced			* Reline 1,367' in FY 23-24 * \$150,000 budgeted each year to reline approximately 1,300' of pipe per year	

Figure 7: Short-Term and Long-Term CIPs in Twain Harte



## Tom Trott

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**From:** Cole, Crysten@Waterboards <Crysten.Cole@waterboards.ca.gov>  
**Sent:** Tuesday, September 10, 2024 6:35 PM  
**To:** Tom Trott  
**Subject:** 8408-210 - Twain Harte Community Services District

Good Afternoon,

Thank you for applying for CWSRF funding. Due to limited grant/principal forgiveness (PF) funding, the Division of Financial Assistance (DFA) is prioritizing small community wastewater projects for funding this fiscal year (FY; through June 30, 2025). Per the [2024-2025 CWSRF Intended Use Plan \(IUP\)](#), your Project is not anticipated to be funded this FY. DFA staff are prioritizing complete applications already in-house that address violations of waste discharge requirements or National Pollutant Discharge Elimination System (NPDES) permits and projects that connect previously unsewered areas or join communities to regionalize wastewater treatment works are considered priority for grant/PF funding (Priority Projects).

In the meantime, we encourage you to continue submitting outstanding application documents and coordinate with me so we may keep all application information on file and reevaluate your application for grant/PF funding next FY (starting July 1, 2025). We will determine if your Project is eligible at that time based on next FY's IUP. In the meantime, the application status of your Project will be marked as Inactive. This means that your Project will not show up on our Application Status Reports so don't be concerned if you don't see it there. If your application becomes grant/PF fundable in upcoming years and you are still interested in applying for funding, we can update the application status at that time. We appreciate your efforts to complete and submit your application, and we understand that you are applying for funding to address an important wastewater infrastructure need in your community. We will continue to collect, report, and summarize information from you and other applicants to inform the overall understanding of small community funding needs.

Thank you,



### **Crysten Cole**

Water Resource Control Engineer  
Small Community Wastewater Unit  
Division of Financial Assistance  
State Water Resources Control Board  
1001 I Street, Sacramento, CA 95814  
(916) 341-5693 |  
[crysten.cole@waterboards.ca.gov](mailto:crysten.cole@waterboards.ca.gov)

# Community Facilities Direct Loan & Grant

## What does this program do?

**This program provides affordable funding to develop essential community facilities in rural areas. An essential community facility is defined as a facility that provides an essential service to the local community for the orderly development of the community in a primarily rural area, and does not include private, commercial, or business undertakings.**

## Who may apply for this program?

### Eligible borrowers include:

- **Public bodies**
- **Community-based nonprofit corporations**
- **Federally recognized Tribes**

### What is an eligible area?

Rural areas including cities, villages, townships, and towns including Federally recognized Tribal lands with no more than 20,000 residents according to the latest [U.S. Census Data](#) are eligible for this program.

### How may funds be used?

Funds can be used to purchase, construct, and/or improve essential community facilities, to purchase equipment, and to pay related project expenses.

Examples of essential community facilities include:

- Healthcare facilities such as hospitals, medical clinics, dental clinics, nursing homes, or assisted living facilities
- Public facilities such as town halls, courthouses, airport hangars, or street improvements
- Community support services such as child care centers, community centers, fairgrounds, or transitional housing
- Public safety services such as fire departments, police stations, prisons, police vehicles, fire trucks, public works vehicles, or equipment
- Educational services such as museums, libraries, or private schools
- Utility services such as telemedicine or distance learning equipment

- Local food systems such as community gardens, food pantries, community kitchens, food banks, food hubs, or greenhouses

For a complete list see Code of Federal Regulations 7 CFR, Part 1942.17(d) for loans; [7 CFR, Part 3570.62](#) for grants.

### What kinds of funding are available?

- Low interest direct loans
- Grants
- A combination of the two above, as well as our [loan guarantee program](#). These may be combined with commercial financing to finance one project if all eligibility and feasibility requirements are met.

### What are the funding priorities?

- Priority point system based on population, median household income
- Small communities with a population of 5,500 or less
  - Low-income communities having a median household income below 80% of the state nonmetropolitan median household income.

## What are the terms?

Funding is provided through a competitive process.

### Direct Loan:

- Loan repayment terms may not be longer than the useful life of the facility, state statutes, the applicants authority, or a maximum of 40 years, whichever is less.
- Interest rates are set by Rural Development, contact us for details and current rates.
- Once the loan is approved, the interest rate is fixed for the entire term of the loan, and is determined by the median household income of the service area.
- There are no pre-payment penalties.
- Contact us for details and current interest rates applicable for your project.

### Grant Approval:

Grant funds must be available. Applicant must be eligible for grant assistance, which is provided on a graduated scale with smaller communities with the lowest median household income being eligible for projects with a higher proportion of grant funds. Grant assistance is limited to the following percentages of eligible project costs:

Maximum of 75 percent when the proposed project is:

- Located in a rural community having a population of 5,000 or fewer; and
- The median household income of the proposed service area is below the higher of the poverty line or 60 percent of the State nonmetropolitan median household income.

Maximum of 55 percent when the proposed project is:

- Located in a rural community having a population of 12,000 or fewer; and
- The median household income of the proposed service area is below the higher of the poverty line or 70 percent of the State nonmetropolitan median household income.

Maximum of 35 percent when the proposed project is:

- Located in a rural community having a population of 20,000 or fewer; and
- The median household income of the proposed service area is below the higher of the poverty line or 80 percent of the State nonmetropolitan median household income.

Maximum of 15 percent when the proposed project is:

- Located in a rural community having a population of 20,000 or fewer; and
- The median household income of the proposed service area is below the higher of the poverty line or 90 percent of the State nonmetropolitan median household income. The proposed project must meet both percentage criteria. Grants are further limited.

## Are there additional requirements?

- Applicants must have legal authority to borrow money, obtain security, repay loans, construct, operate, and maintain the proposed facilities
- Applicants must be unable to finance the project from their own resources and/or through commercial credit at reasonable rates and terms
- Facilities must serve rural area where they are/will be located
- Project must demonstrate substantial community support
- Environmental review must be completed/acceptable

## How do we get started?

Contact your [local RD office](#) to discuss your specific project. Applications are accepted year round.

## Who can answer questions?

Contact your [local RD office](#).

## What governs this program?

- Direct Loan: 7 CFR Part 1942, Subpart A
- Grant: 7 CFR Part 3570, Subpart A

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**NOTE: Because citations and other information may be subject to change, please always consult the program instructions listed in the section above titled “What Governs This Program?” You may also contact your local office for assistance. You will find additional forms, resources, and program information at [rd.usda.gov](http://rd.usda.gov). USDA is an equal opportunity provider, employer, and lender.**

**5-YEAR CAPITAL OUTLAY PLAN**

**Sewer Fund - FY 24/25**

	Previously Expended	Projected FY 23-24	Requested FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	Out Years 6 to 10	TOTAL
Truck #4 Plow (65% W) <sup>3</sup>		\$ 3,300							\$ 3,300
Push Camera <sup>3</sup>		\$ 15,500							\$ 15,500
Lift Station Backup Pump <sup>3</sup>		\$ -	\$ 28,000						\$ 28,000
Sewer Main Re-Lining/Replacement		\$ 10,000	\$ 250,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 750,000	\$ 1,610,000
SCADA Upgrade <sup>4</sup>		\$ 5,000	\$ 95,000						\$ 100,000
TH Pipeline Replacement Project <sup>5</sup>			\$ 20,000	\$ 2,500,000	\$ 1,970,000				\$ 4,490,000
Replace Sewer Tractor Camera				\$ 50,000					\$ 50,000
Sequoia Dr - 6" Replacement					\$ 75,000				\$ 75,000
East Ave/Cedar Pines - 8" Replacement						\$ 70,000	\$ 330,000		\$ 400,000
Replace Truck #7 (65% W)						\$ 11,480			\$ 11,480
Cresta/Oakview - 6" Replacement								\$ 580,000	\$ 580,000
Little Fuller/Virgina - 6" Replacement								\$ 80,000	\$ 80,000
Big Pine - 6" Replacement								\$ 40,000	\$ 40,000
Sherwood Forest Sewer <sup>6</sup>								\$ 3,575,000	\$ 3,575,000
Vehicle/Equipment Replace								\$ 86,380	\$ 86,380
<b>TOTAL CAPITAL OUTLAY</b>	<b>\$ -</b>	<b>\$ 33,800</b>	<b>\$ 393,000</b>	<b>\$ 2,700,000</b>	<b>\$ 2,195,000</b>	<b>\$ 231,480</b>	<b>\$ 480,000</b>	<b>\$ 5,111,380</b>	<b>\$ 11,144,660</b>

**NOTES:**

- 1 Vehicle/Equipment replacement items match the THCS D Vehicle/Equipment Replacement Plan.
- 2 An inflation factor of 3% per year has been applied to future capital costs.
- 3 Project completed or anticipated to be completed in previous fiscal year.
- 4 Entire project was budgeted in previous fiscal year. New budget requests represent anticipated unspent funds and will be adjusted to reflect actuals at mid-year.
- 5 This project is anticipated to be 100% SWRCB grant funded
- 6 This project is a new sewer system that will require a special assessment and property owner vote



### CIPP SEWER LINING ESTIMATE

	# Units	Units	Unit Price	TOTAL
Mobilization		1 LS	\$ 20,000.00	\$ 20,000.00
CIPP Lining		2200 LF	\$ 75.00	\$ 165,000.00
Traffic Control		1 LS	\$ 15,000.00	\$ 15,000.00
				<hr/> <hr/>
			\$	200,000.00

Not including sags/offset repairs, lining cost for the whole project would be:

Total Yearly Projects: 6  
Total Cost: \$ 1,200,000.00

### USDA LOW INTEREST LOAN & GRANT ESTIMATE

Total Project Cost \$ 6,300,000.00 Assumes construction inflation and costs for engineering report and bonds

#### USDA Grant/Loan

Grant (15%) \$ 945,000.00  
Loan (40-yr) \$ 5,355,000.00

Interest Rate	Annual Payment
2.0%	\$194,592.00
2.5%	\$211,908.00
3.0%	\$230,040.00
3.5%	\$248,940.00



# Shadybrook Dam Lining Project

Option 1



 = 26'

Option 2

19.5'

23.75'

Approx 35'

 = 26'

