Carmel Area Wastewater District

Carmel Woods and Pescadero Road Sewer Rehabilitation Project

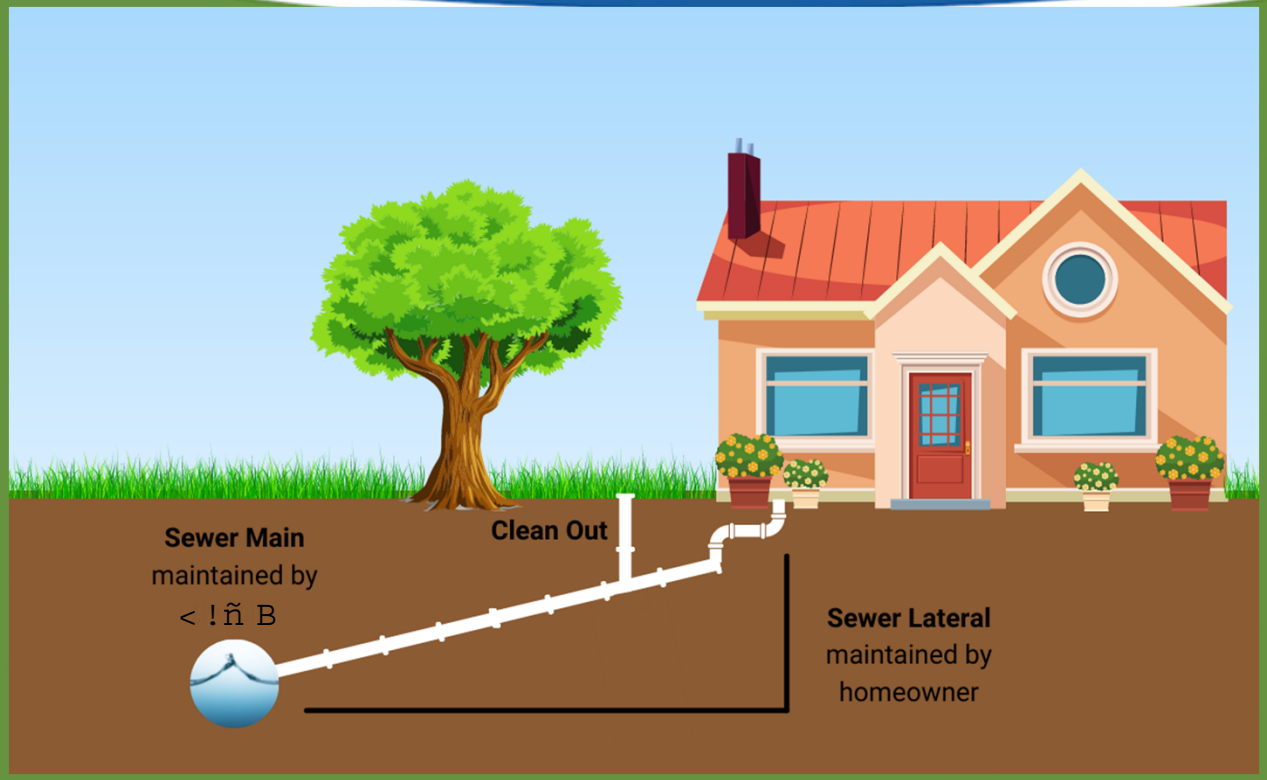
Homeowner Informational Update
Carmel Foundation, October 28th 2026, 5:30 pm
Jeff Bandy, Ph.D., P.E., Principal Engineer

Critical Infrastructure Renewal, Investing in the Future of Carmel



Photo: Construction of CAWD's Wastewater Treatment Plant (mid-1930's)

How Does My Property's Sewer Operate?



- House plumbing is connected to a buried pipe outside called a lateral.
- You own the sewer lateral pipe until it connects to CAWD's main line.
- Water flows by gravity from the home to the sewer main to the treatment plant

Clay Sewer Pipe is Prone to Fracturing

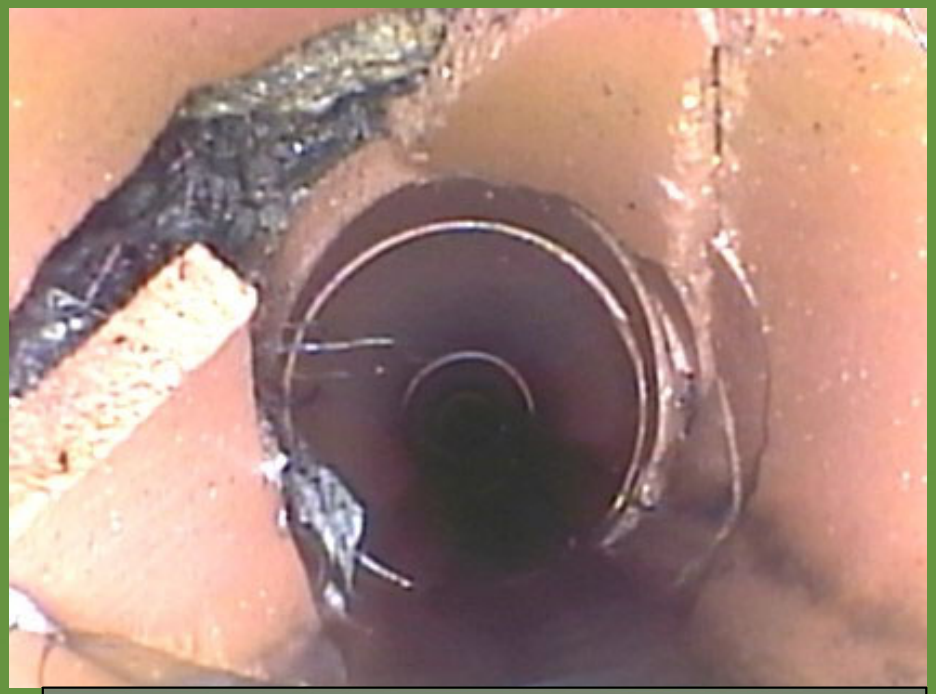


Photo: CCTV footage of broken clay sewer pipe



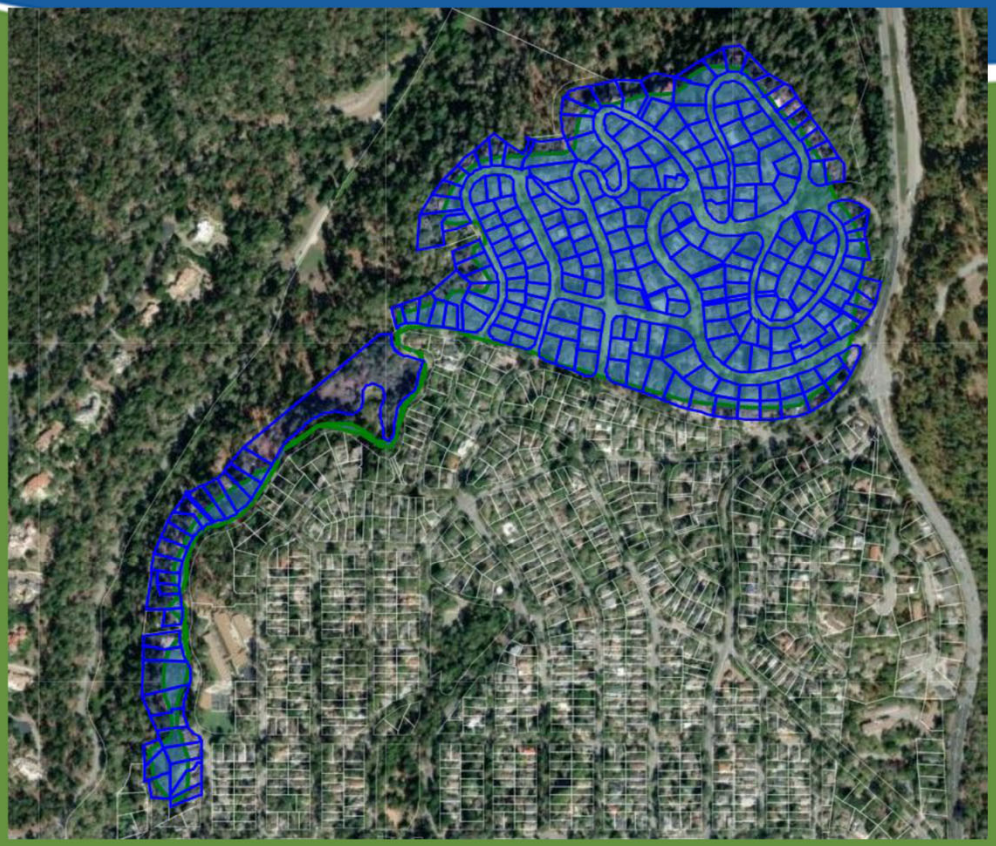
Photo: Broken clay flower pot

Will Ejector Pumps Be Required?

NO EJECTOR PUMPS!

We heard your concerns and the project approach has been modified to eliminate the need for pumps.

Carmel Woods Sewer System Overview



- Sewer systems are grouped into “flow basins” that combine upstream flows on the way to the wastewater treatment plant
- Wastewater from >300 homes in Carmel Woods flows through the sewer line in the backyards of Pescadero Rd.
- Existing backyard sewer line is prone to failure and difficult to access
- New sewer main in Pescadero Rd. will carry flows from Carmel Woods

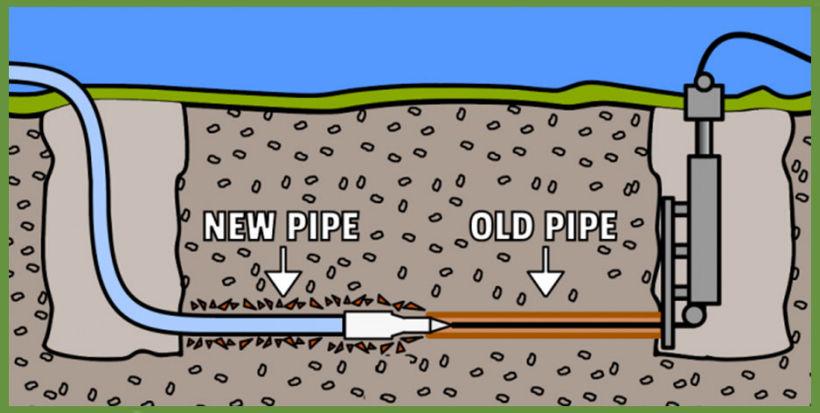

Other Existing Sewers
Pescadero Rd.
Existing
Downhill Sewer
Current sewer main configuration around Pescadero Rd.


Other Existing Sewers
CARMEL AREA WASTEWATER DISTRICT
SINCE 1908
Remove Section
New Open-Cut Sewer in Pescadero Rd.
Pescadero Rd.
New Pipe-Burst Sewer
Future sewer main configuration around Pescadero Rd.

Carmel Woods Sewer Rehabilitation

- Approximately 3 miles of clay sewer pipes will be replaced
- Minimally-invasive “trenchless” construction methods:
  - Pipe bursting (new, larger plastic pipe is pulled through existing pipe)
  - Cured-in-place pipe (new plastic pipe is inflated within existing pipe)
  - Slip-lining (new, smaller plastic pipe pulled through existing pipe)
- “Open-trench” construction needed for shallow segments
- Manhole rehabilitation throughout the system

Photos of Construction – Pipe Bursting



Schematic: Trenchless pipe bursting

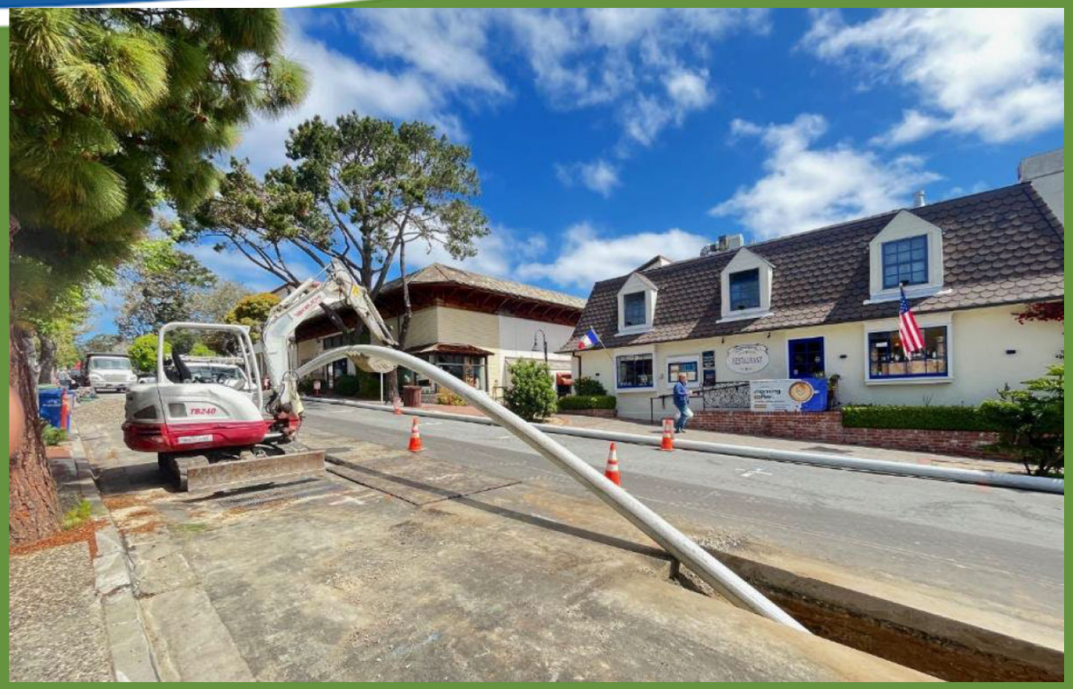


Photo: Pipe bursting on Mission St.

Photos of Construction – Trench Work



Photo: Digging trench on Scenic Rd.

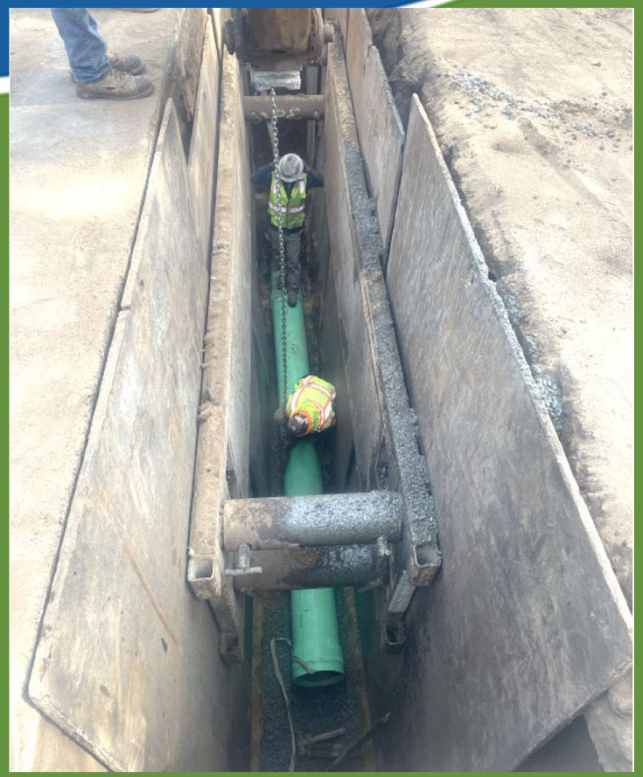


Photo: Open trench construction

Will my sewer service be impacted?

- There will be an ~8-hour period when we are connecting house laterals to the new pipe.
- We will request that you don't use your sewer during this time if possible.
- However, you will still be able to use your facilities during this time if needed and we will deal with it on the other end of the pipe.



Will access to my home be impacted?

- Residents will have access in and out of driveways.
- Work will be performed in short sections.
- Streets will be fully open to all traffic at night and on weekends.
- No street parking will be allowed (day or night) in areas of construction.
- Resurfacing of the street at the end of the project will require a 24-hour road closure for all vehicle traffic (residents included).

Will emergency services be impacted?

- No.
- Emergency services (fire, ambulance, police) will have priority over the construction activities. There will be no reduction in the capacity for emergency response.
- Emergency services will be kept informed of the project so they are prepared for changing road conditions.

Will construction impact trash pickup?

- No.
- Construction activities will be scheduled around trash pickup so there is no lapse in trash collection.



When will construction begin?

- Construction is expected to start in **January 2026.**
- Underground work will take approximately 12 months and will progress throughout 2027.
- Road microsurfacing is planned for summer 2028.
- CAWD will keep residents informed as the project planning progresses.
- Next public meeting is planned for December/January (date TBD). More detailed schedule information will be available at that time.



How can I stay informed?

- CAWD will continue public outreach as the project start date approaches.
- Communication will be managed through the CAWD website (cawd.org), direct mailing to residents, presentations at regular and special Board meetings, community meetings, flyers and project signage.
- There will be a project “hotline” phone number posted on signs for contacting the project team during construction.

Help us serve you better!

- Recently homeowners were mailed a questionnaire to solicit special requests or concerns.
- Requests can include scheduled medical or service visits, food delivery, planned construction or other situations that could be impacted by the project
- CAWD is receiving mailed responses and welcomes your input through our secure online platform.

Homeowner Questionnaire

- CAWD has received several mailed and online questionnaire responses (**Thank you!**)
- Individual homeowner needs will be communicated to the Contractor.
- Several responses are related to roadway and drainage conditions. CAWD can only take on work directly related to sewer improvements.
- Drainage, road conditions outside of the sewer zone, and traffic issues are the County's jurisdiction and are being communicated to D5.

Questions?

CAWD Point of Contact:
Jeff Bandy, Ph.D., P.E.
Principal Engineer
(831) 257-0436
bandy@cawd.org

24/7 Hotline Phone Number:
831-877-1010

Website link for online homeowner questionnaire:
https://www.cawd.org/carmel-woods-and-pescadero-road-sewer-main-rehabilitation-project