

**Westside Pumping Plant Replacement Project
Community Meeting January 23, 2019
Questions & Answers
Prepared: January 2019**

Q: La Encinal is a private road, meaning it is the homeowners' responsibility for paving the street. EBMUD should leave the road in as good or better condition than pre-construction. How will EBMUD repave the road once trench work is done?

A: EBMUD (includes EBMUD Contractors) will do final paving over all pipeline trenches excavated for the Project. EBMUD typically repaves at least one lane width. Once the pipeline alignment in La Encinal is finalized, final repaving width will be determined.

Q: On La Encinal, the proposed pipeline is only going "halfway" down La Encinal. Why is EBMUD stopping there and not improving fire flow all the way to the end of La Encinal? What year is that portion of pipeline?

A: EBMUD does not replace pipelines for the sole purpose of improving fire flow. It is EBMUD's policy to size new pipeline segments to meet current fire flow standards, where feasible, when individual pipeline segments are replaced / improved to address infrastructure maintenance. The extent of pipeline improvements in La Encinal was based on the need to abandon an 8-inch steel pipeline that extends from La Encinal to the Encinal Reservoir; therefore, the pipeline improvements in La Encinal end at the abandoned pipe connection point near Twin Springs Trail and before 37 La Encinal. The pipeline improvements in La Encinal replace the entire length of the 6-inch cast-iron pipeline installed in 1934. Beyond Twin Springs Trail, the pipeline in La Encinal is an 8-inch steel pipeline built in 1966.

Q: Will all the existing hydrants be replaced as part of the Project?

A: All existing hydrants that connect to new / replacement pipelines will be replaced with new hydrants at or near their current locations.

Q: Explain the two pipelines shown in El Toyonal that extend from La Encinal to Loma Vista. Will these two pipelines be installed at separate times?

A: All new and replacement pipelines will be within paved roadways. The two pipelines include a new 12-inch discharge pipeline from the new Westside Pumping Plant and a 12-inch pipeline that will replace an existing 6-inch cast-iron pipeline built in 1934. These two pipelines will share a stepped trench and will be installed at the same time.

Q: Vallecito Lane is also a private road and will be used for access to Madera Lane and the Encinal Pumping Plant. Construction trucks may damage roads and berms.

Homeowners at Vallecito Lane want to make sure that any damage to paving will be fixed and will be video recording road conditions before the Project. Trucks and workers parking in the road may block residents. Why can't access to Encinal Pumping Plant be from El Toyonal?

A: Once the Traffic Control Plan is complete, EBMUD will be able to identify areas for worker parking with the least interference to resident access. Also, EBMUD will repair any damage to the private road and berms caused by Project traffic. To minimize impacts to Madera and Vallecito Lane residents, a portion of the Project work (demolition) will access the Encinal Pumping Plant property from El Toyonal. Due to existing steep slopes on the property, distance of construction site from El Toyonal, and proximity of the proposed driveway for the new Westside Pumping Plant to Madera Lane, it is not feasible to solely access the site from El Toyonal during construction activities.

Q: Will there be water outages?

A: The existing pipelines will remain in service during installation of the new and replacement pipelines. There is anticipated to be two short, temporary outages during new pipeline tie-ins to the existing water system and during individual water service relocations to the new pipelines. Outages are anticipated to occur for approximately 6 to 8 hours and not anticipated to last longer than 24 hours; advanced notice will be provided to affected customers.

Q: By Fall 2020 will there still be road closures (after pipeline work is finished)?

A: After pipeline work in the roadway is completed, no additional road closures associated with this project are anticipated, except in the vicinity of Madera Lane or El Rincon near where the existing Encinal Pumping Plant, Westside Pumping Plant and Encinal Reservoir are located. The two dead-ends at Madera Lane and El Rincon may be blocked for short durations during construction to access the facility sites.

Q: Residents need real-time, minute-by-minute information on road closures.

A: EBMUD is starting public outreach early for the Project in order to start gathering resident contact information (name/address/email/cellphone). EBMUD is working on providing a Short Message System (SMS) service that may allow text messaging to provide real-time information on Project updates, including road closures. More information will be provided at future Project public meetings.

Q: How quickly can EBMUD open the road for an emergency?

A: EBMUD is working with the Moraga Orinda Fire District (MOFD) to comply with their emergency access, evacuation and notification requirements. EBMUD may shorten the length of open trench at any one time at specific locations during installation in order to

complete steel plating over the trench to accommodate the response times requested by the MOFD. EBMUD will continue to work with MOFD during the pipeline design phase and will provide more information once the Traffic Control Plan is finalized.

Q: Will EBMUD work only Mondays through Fridays?

A: The work currently is scheduled to occur only Mondays through Fridays. However, if short open trench lengths as required for emergency access increase the Project duration significantly, work on Saturdays or weekends may be proposed to shorten the overall Project duration. Construction hours are from 7:00 am to 7:00 pm, but road closures will be limited to 8:30 am to 5:00 pm.

Q: How long does one 20-foot section of pipeline take from start to finish?

A: A 20-foot pipeline segment takes approximately 5 days of work in the roadway. Survey and utilities marking: 1 day; pavement-cutting and trench excavation: 1 day; pipeline installation: 2 days; temporary repaving: 1 day. Final surface paving will occur after all the pipelines have been installed. It is likely that more than 20 feet of pipeline could be completed in 5 days; this will depend heavily on site-specific roadway conditions (e.g. slope, access, visibility).

Q: Since the Project work will be contracted out, will EBMUD still be responsible?

A: EBMUD will be responsible for the work performed by the EBMUD contractors. An EBMUD Construction Inspector will be assigned full-time to this job and will be on-site daily and in constant contact with the Contractor's supervising agent in the field. Community Affairs Representative, Kathryn Horn, will also be available and be the contact for any community issues / concerns.

Q: For pipeline improvements, do you know where they will start?

A: Once the Traffic Control Plan is finalized, the Project phasing will be better defined and to help assist in how the pipeline will be installed.

Q: Once the Project is complete, will water pressure be improved for those on the upper half of La Encinal?

A: Existing water pressures at residences will remain at the same level of service because residential water pressures are more dependent on the residence's elevation within the pressure zone that serves the residence than on the size of the pipeline system. Water pressures will remain the same at 65 La Encinal and 244 El Toyonal. Both 59 El Toyonal and 364 El Toyonal are outside the pressure zones of the Project improvements, and their level of service will not be impacted by the Project.