

**WEST BAY**  
SANITARY DISTRICT



# West Bay Sanitary District

## Recycled Water Project – Sharon Heights

Presentation to:



February 19, 2020



**WATERWORKS**  
ENGINEERS

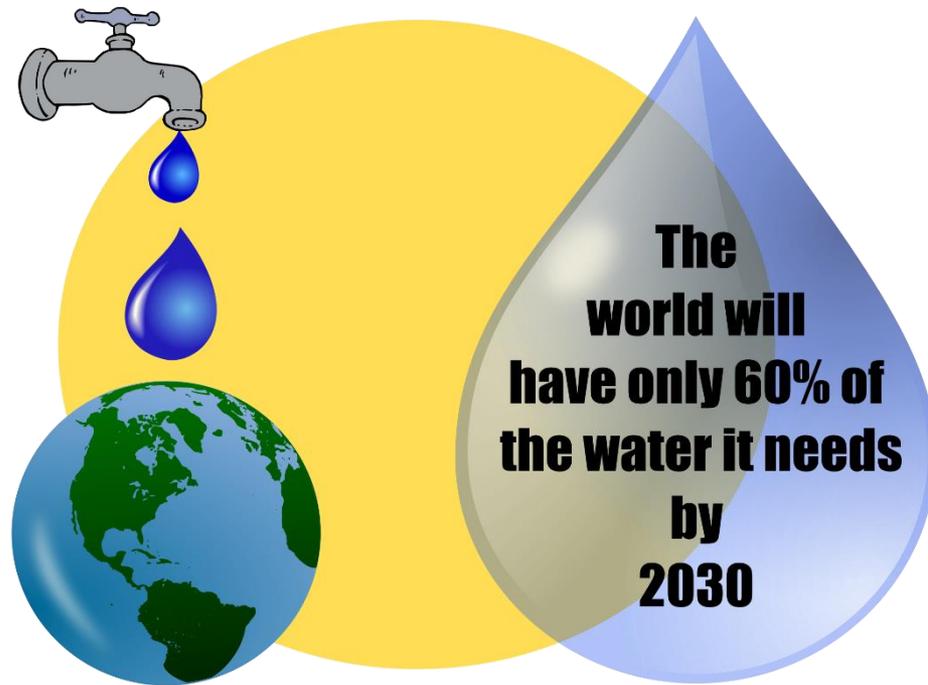
# Sharon Heights



Goal is to learn about the Sharon Heights Recycled Water Treatment plant, its benefits to the community and to see the site.



# We need to Recycle our water



# Presentation Overview

## 1 Project Description



West Bay Sanitary District  
**Recycled Water Facilities Plan**

## 2 Treatment Facility Site



## 3

## Budget

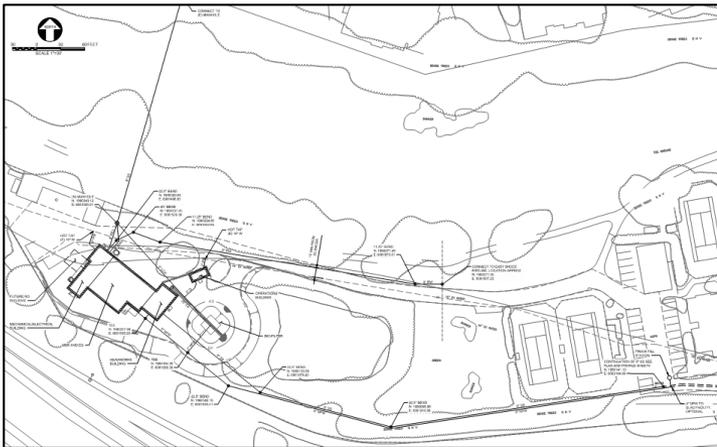


What's in this for me?



# Project Description

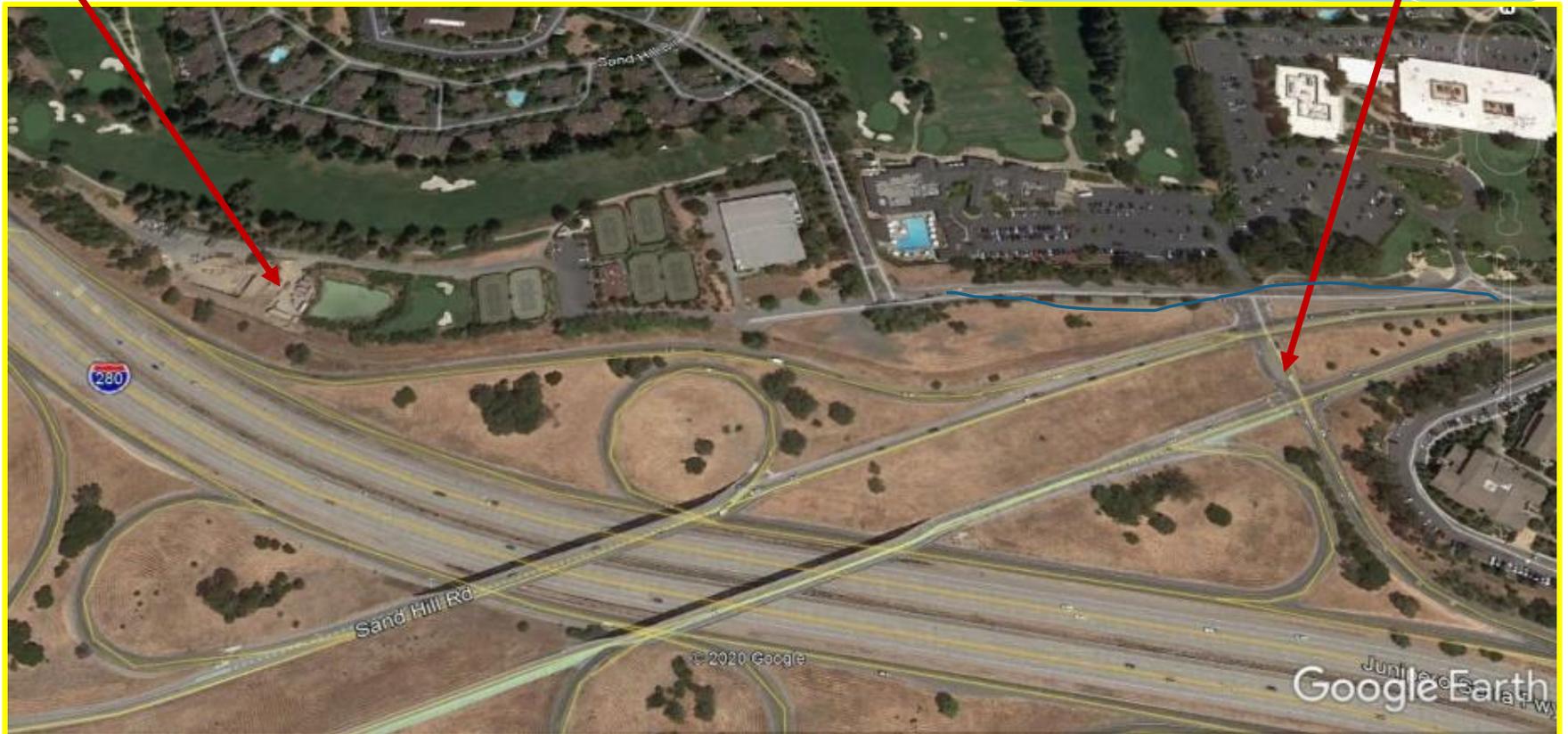
- SRF Funding
- Awarded a Design/Build Team
- 0.5 MGD
- MBR plant – Suez membranes
- Raw Wastewater Pipeline & Pump Station
- Project completion – March 31, 2020



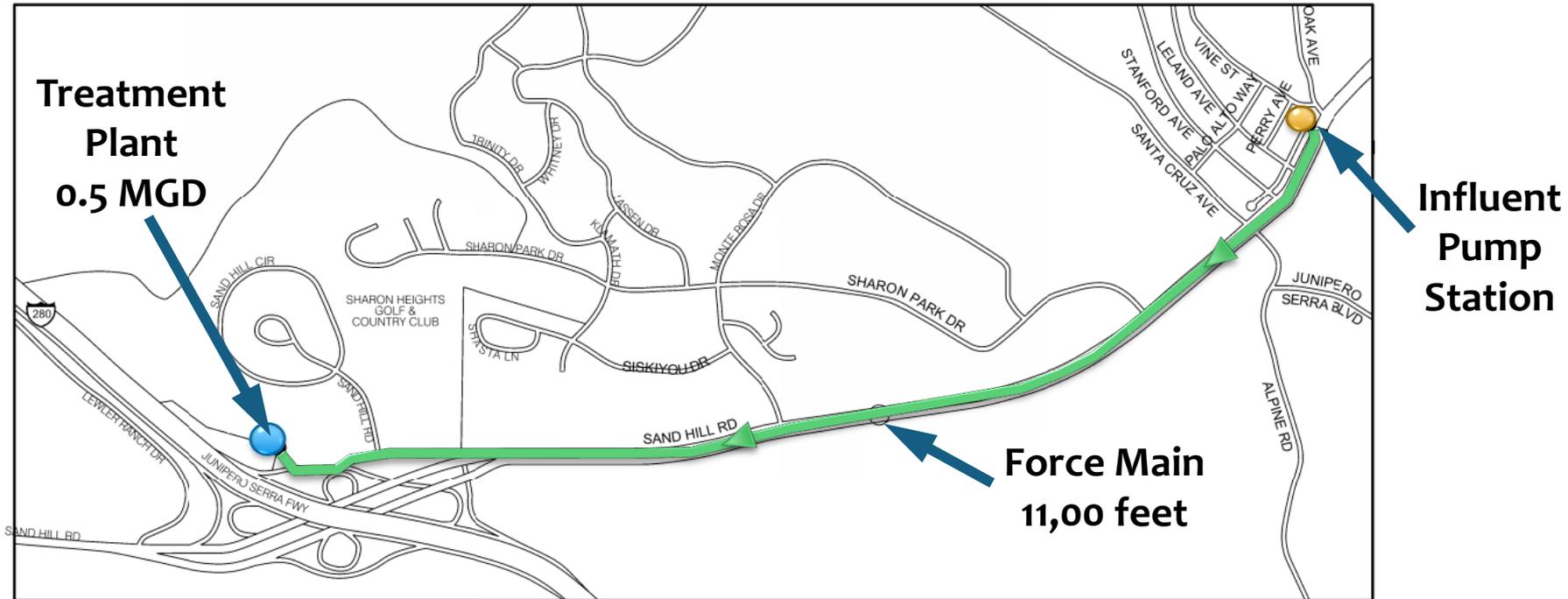
Caltrans Permit =  
Longitudinal Variance  
Water Use Agreement  
O&M Agreement

Treatment  
Facility

Phil's Fill  
Station



# Project Elements



# Project Elements



# Treatment Plant – Sharon Heights Golf and Country Club

- Well-screened
- Quiet
- Dual odor control
- Easements procured
- Truck fill for utility water
- Future capacity to provide recycled water to SLAC and other users

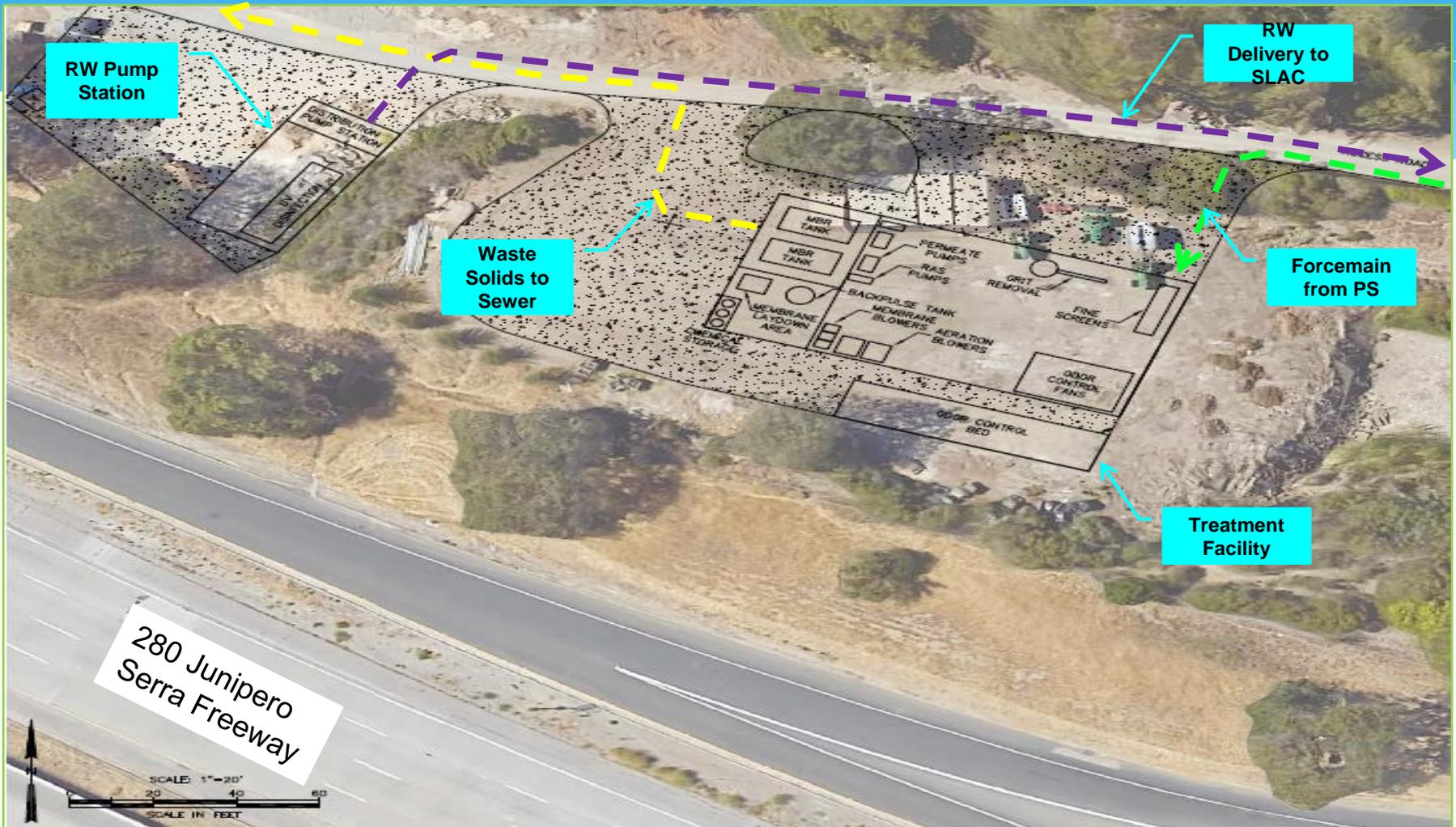


Irrigated with  
**RECYCLED  
WATER**

Do Not  
Drink  
No Beber



# Treatment Plant Elements



# 152 AFY

Recycled Water



# Treatment Site October 2019



# Treatment Site October-9-19



# Project Budget

Project Price  
\$22,595,000

1% Interest  
\$5.2M Grant

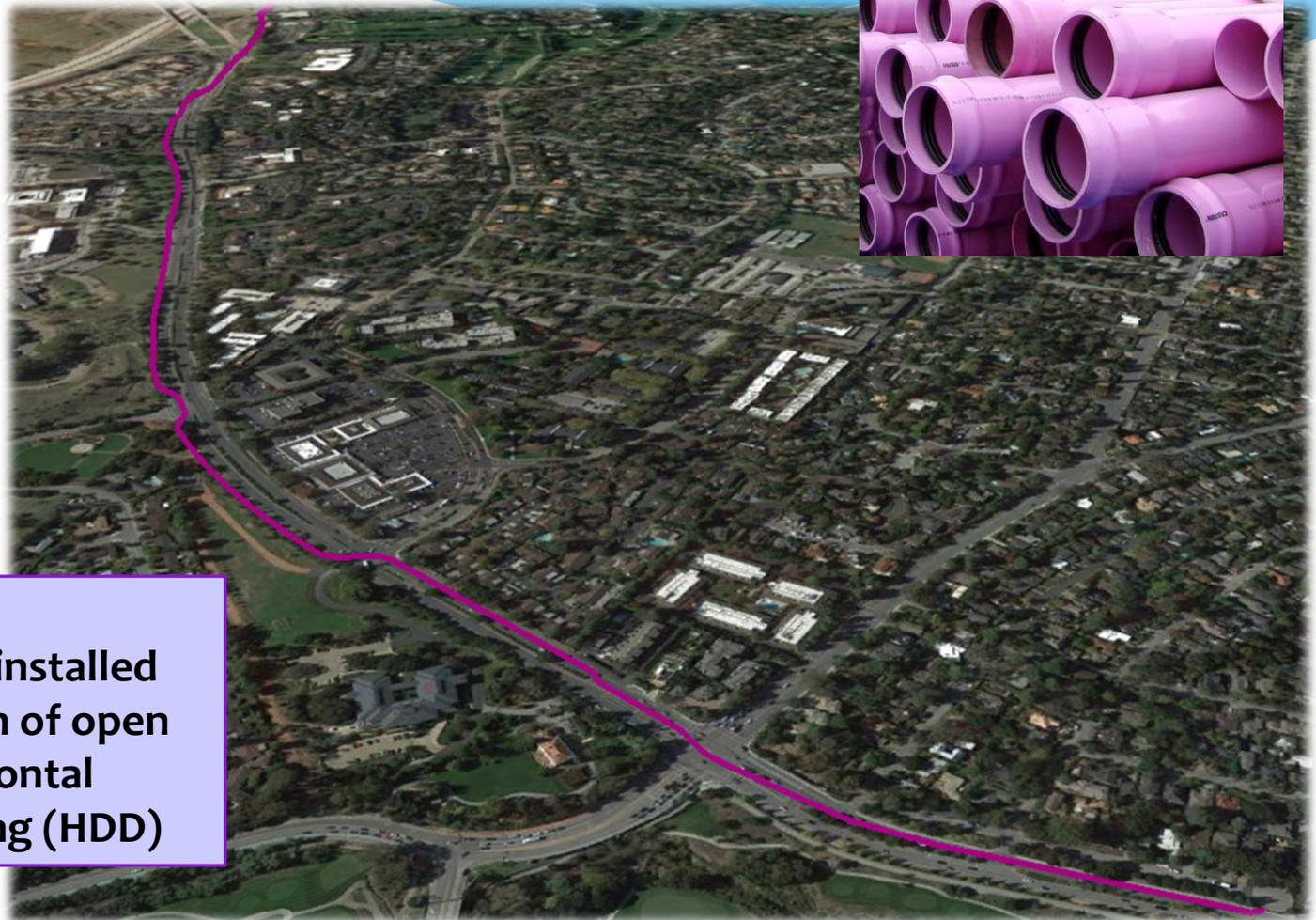
Cash Flow Reserve  
\$8,000,000

# Pipe Alignment – Sand Hill Road

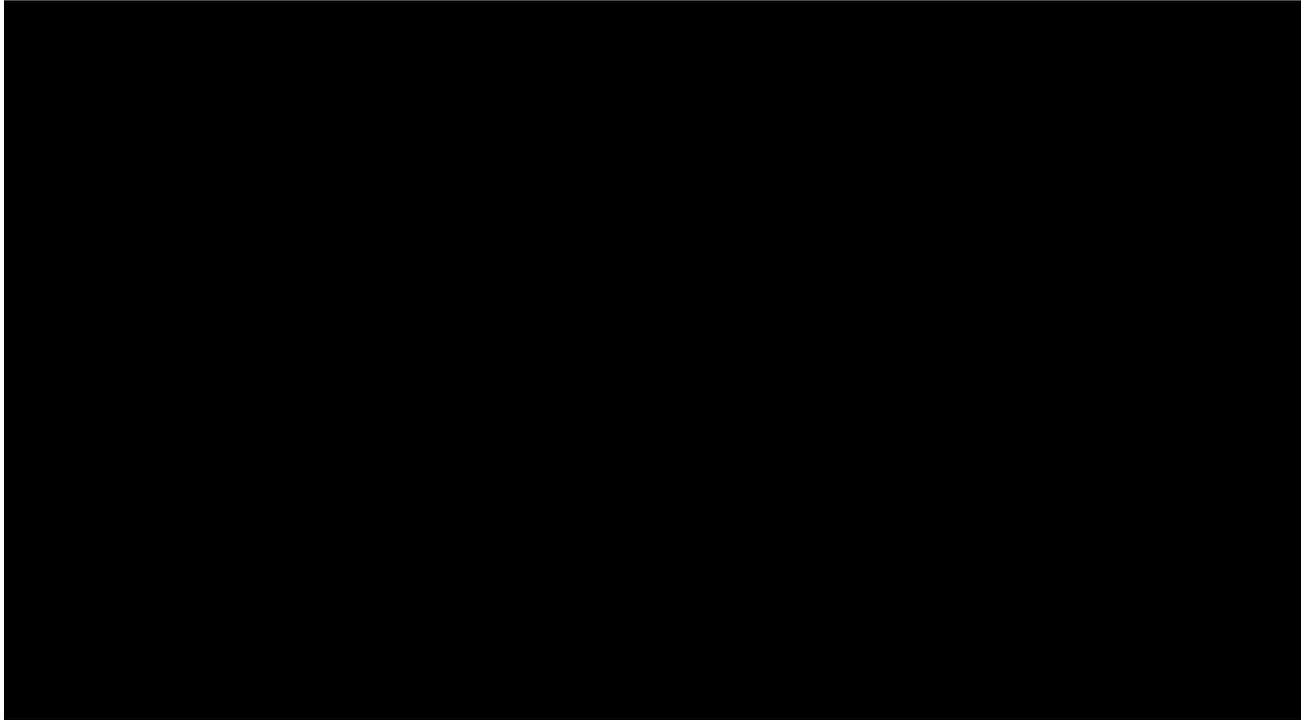
— Recycled  
Water Pipeline



**Recycled Water Pipeline may be installed by a combination of open trench and horizontal directional drilling (HDD)**







# January 2020

double-click to go to fullscreen, ctrl+click to snap to video size



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# West Bay Sanitary District Recycled Water Project – Sharon Heights

## Questions?

