Malibu Civic Center Water Treatment Facility Phase Two Stakeholders Meeting

October 25, 2018
Malibu Civic Center Area Prohibition Map

City of Malibu Prohibition Area

Legend
- Phase 1 - Complete
- Phase 2 - 2024
- Phase 3 - 2028

Prohibition Boundary
Malibu City Boundary
Phase One General Project Overview

- Treatment Plant
- Bluffs Park Pump Station
- Injection Wells
- Legacy Park Pump Station
- Pipeline System
Civic Center Water Treatment Facility Phase One

• Insert video
Phase One Summary

- All developed properties are now connected, including all City-owned properties
- Remaining properties are undeveloped
- Currently treating an average flow of 100,000 gallons per day
- All treated flow has been in compliance with permit requirements
- Performing the remaining membrane testing and will be producing recycled water in November
- Approximately 32,000 linear feet (6 miles) of wastewater and recycled water lines were installed

Phase One Cost: $60.1 million
Water Monitoring

- MOU requires regular water quality monitoring
  - Includes baseline monitoring in wet and dry seasons
  - Monitoring is conducted semi-annually

- City provides regular water quality monitoring reports to the Regional Board

- Laboratory at the facility will allow for future onsite testing
Phase Two Information

- 445 properties
  - 247 single family homes
  - 191 condominiums
  - 8 other properties

- Estimated Cost: $49.2 million

- June 30, 2018: Report submitted to RWQCB per MOU

- City Council approved moving HRL from Phase Three to Phase Two

- November 2024: Mandated completion date
### Example of Costs Based on Phase One Costs

<table>
<thead>
<tr>
<th></th>
<th>Gallons per Day</th>
<th>Capital Cost per Property</th>
<th>Annual Capital Cost over 30 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential Estate Property</td>
<td>700</td>
<td>$228,000</td>
<td>$10,000</td>
</tr>
<tr>
<td>Single Family Home</td>
<td>366</td>
<td>$119,000</td>
<td>$5,000</td>
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</tbody>
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Next Steps

- Secure funding for design and assessment district development
- Issue bids for design
- Issue bids for assessment district development
- Host quarterly stakeholders meetings
Additional information available at malibucity.org/ccwtf