Considerations to Amend the Dewatering Ordinance

Public Works Commission

December 8, 2022
• Dewatering Ordinance & Existing Dewatering in Beverly Hills
• Considerations for removing R-1 Exemptions
• Discussion and Recommendation
Dewatering Ordinance

• Dewatering: removal of groundwater
• Dewatering Ordinance: Beneficial-use of groundwater or replenishment fee
• R-1 Exemption
• Beneficial Use:
  – Onsite
  – Replenishment
  – Deliver to the City
Existing Dewatering

- Commercial properties
- Subterranean Levels
- NPDES Permit
- Beneficial-Use
- Replenishment Fee
Residential Area Dewatering

1. Initially, groundwater is not present
2. Groundwater rises to surface years later
No. 1: Require Beneficial-Use or Replenishment Fee

Considerations:

1. Large footprint for storage
2. Variable water demand
3. Cross-connection
4. Regulatory Requirements
5. Treatment requirement
## Removing R-1 Exemptions

<table>
<thead>
<tr>
<th>Existing Property</th>
<th>New Development Project &amp; 50% Remodel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limited footprint</td>
<td>Blank “canvas”</td>
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<tr>
<td>Limited integrated water-use design (i.e. irrigation)</td>
<td>Fully integrated water-use design (i.e. irrigation, decorative fountain, toilet, etc.)</td>
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<tr>
<td>High risk for cross connection</td>
<td>Lower risk for cross-connection</td>
</tr>
<tr>
<td>High construction impact</td>
<td>Integrated construction impact</td>
</tr>
<tr>
<td>No NPDES Permit</td>
<td>NPDES Permit</td>
</tr>
<tr>
<td><strong>Identification- field determination</strong></td>
<td><strong>Identification: Permit application and NPDES Permit</strong></td>
</tr>
</tbody>
</table>
Discussion & Recommendation

• Alternative 1: Require beneficial use or replenishment fee for existing properties, new construction and remodeled projects.
• Alternative 2: Maintain the existing R-1 exemption in the Dewatering Ordinance and only recommend to implement beneficial use on property.