Central Coast Tour
November 6-7, 2019

Paso Robles Basin
Framework, History, and Current Sustainability Efforts
✓ Initial DWR B-118 boundary

✓ Modified by Fugro (2002; excluded eastern area)

✓ Modified by Fugro/GSI (2016) BBMR to exclude Atascadero Basin

✓ Modified in 2018 BBMR to exclude Monterey County
✓ 450,000 acres
✓ 680 sq miles
✓ Max depth – 2,500 ft
✓ Avg depth – 500-800 ft
## Change in Groundwater Elevation

<table>
<thead>
<tr>
<th>Change Range</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; -70</td>
<td>Dark Red</td>
</tr>
<tr>
<td>-70 - -60</td>
<td>Red</td>
</tr>
<tr>
<td>-60 - -50</td>
<td>Orange</td>
</tr>
<tr>
<td>-50 - -40</td>
<td>Light Orange</td>
</tr>
<tr>
<td>-40 - -30</td>
<td>Yellow</td>
</tr>
<tr>
<td>-30 - -20</td>
<td>Light Yellow</td>
</tr>
<tr>
<td>-20 - -10</td>
<td>Gray</td>
</tr>
<tr>
<td>-10 - 0</td>
<td>Light Gray</td>
</tr>
<tr>
<td>0 - 10</td>
<td>Blue</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Dark Blue</td>
</tr>
<tr>
<td>20 - 30</td>
<td>Blue</td>
</tr>
<tr>
<td>&gt; 30</td>
<td>Blue</td>
</tr>
</tbody>
</table>

### Map Overview

- **MONTEREY COUNTY**
- **SAN LUIS OBISPO COUNTY**
- **Unsaturated Area**
- **San Miguel**
- **Estrella Sub-Area**
- **South Gabilan Sub-Area**
- **Shandon Sub-Area**
- **Whiley Gardens**
- **Paso Robles**
- **Creston Sub-Area**
- **Atascadero Subbasin**
- **Atascadero**
- **Santa Margarita**
- **Cholame**
- **Templeton**
- **San Juan Sub-Area**

---

*GSI Water Solutions, Inc.*
✓ Four GSAs
✓ One GSP
✓ Four GSAs

✓ County of SLO – 62%

✓ Shandon-San Juan WD – 20%

✓ City of Paso Robles – 15%

✓ San Miguel CSD – 3%

✓ One GSP
✓ EPC Water District... not a GSA
✓ Safe Yield – 61,100 AFY
✓ Projected Pumping – 74,800 AFY
  - Ag – 90%
  - M&I – 6%
  - Rural – 4%
✓ Projected Deficit – 13,700 AFY
✓ Historic Loss of Groundwater in Storage – 12,000 AFY
Plan to Sustainability

• Goal – achieve sustainability through management actions
  • Voluntary land fallowing
  • Best management practices
  • Outreach and education
  • Pumping limitations

• No forced actions – yet

• “Willing Entities” can implement projects, but no GSA is bound to project costs
Potential Projects

• Recycled water from City of Paso Robles
  • 2,900 – 5,000 AFY
  • Requires regional cooperation
  • Requires blending with Nacimiento Water

• Nacimiento Water
  • Perhaps up to 5,000 AFY
  • Not likely permanent source

• State Water Project
  • Perhaps 8,000 AFY
  • Multiple constraints (treated, pipeline capacity, costs)
Final GSP – Approved (?)

• Requires approval by all 4 GSAs

• Disparate interests, and ideas on solutions

• Significant issues yet to be resolved
  • Difficult negotiations
  • Governance going forward
  • Plan to plan
Questions?
✓ Safe Yield – 61,100 AFY
✓ Projected Pumping – 74,800 AFY
✓ Ag – 90%
✓ M&I – 6%
✓ Rural – 4%
✓ Projected Deficit – 13,700 AFY