JONATHAN LONDON, UC DAVIS CENTER FOR REGIONAL CHANCE
AMANDA MONOCO, LEADERSHIP COUNSEL FOR JUSTICE AND ACCOUNTABILITY

Innovations In Mapping and Achieving Water Justice In Disadvantaged Communities
The flow of the session

- Who are we and what brings us here?
- Water justice stories
- Mapping water justice in the San Joaquin Valley
- Public policy and advocacy around water justice
- Dialogue: how can we work for water justice in our own communities?
Water Justice: What does it mean to you?

• Share a story from your home town, current home, work world about challenges in access to safe, affordable and abundant drinking water in your community/ region/ work.
  • What is the problem?
  • How do you know it is a problem?
  • What are you/ others doing to address it?
  • What is working/ what is not working?
Disadvantaged Unincorporated Communities (DUCs)

Water Insecurity in California

This is one of the wells that became contaminated.
Cantua Creek
Tombstone Territory
Access to Drinking Water Systems is Inequitable

One third of all DUC residents live in an area not fully serviced by a Public Water System

30,000 residents on private (unregulated and often untreated) wells
Access to Safe Drinking Water is Inequitable

Over 64,000 people spread across the San Joaquin Valley may be exposed to unsafe drinking water.
66% of DUC residents live in extremely close proximity to a system that does or could provide safe water with proper investments.
Connecting DUCs to Safe Water Supplies
Recommendations

• Funding for existing water systems and new connections for DUCs
• Enforcement of existing laws on consolidation and annexation
• Improved and coordinated data systems
• Expansion of study (statewide, waste water, cost, private wells, small systems)
The drinking water contaminant score for this census tract is 559.31, which is the sum of the contaminant and violation percentiles. The drinking water contaminant percentile is 59, meaning it is higher than 59% of the census tracts in California.

The table below shows this census tract’s percentiles for each contaminant and violation:

<table>
<thead>
<tr>
<th>Contaminant or Violation</th>
<th>Percentile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arsenic</td>
<td>22.54</td>
</tr>
<tr>
<td>Cadmium</td>
<td>0</td>
</tr>
<tr>
<td>Chromium, hexavalent</td>
<td>80.76</td>
</tr>
</tbody>
</table>

Zoom to San Francisco, CA, USA
Flowing Forward

• How can you get involved in addressing needs of disadvantaged communities in your areas?
  • What tools do you need?
  • What policy mechanisms?
  • How build coalitions for change?