Michelle Curtis
Water Conservation Specialist
619-667-6261
michelle.curtis@helixwater.org

Helix Service Area
- La Mesa
- El Cajon
- Lemon Grove
- Portions of Spring Valley, Lakeside and unincorporated El Cajon

Division 1
John B. Linden

Division 2
DeAna R. Verbeke

Division 3
Charles W. Muse

Division 4
Kathleen Coates Hedberg

Division 5
Joel Scalzitti

Helix Serves
Retail to our customers:
- 28,000,000 gallons/day
- 268,000 customers
- 55,500 meters
- 114 gallons/person/day (Avg.)
- 146 staff

Sold to other districts:
- 20,000,000 gallons/day
- OTWD, PDMWD & LWD

Local Sources
- El Capitan Reservoir
- Lake Cuyamaca
- W. L. Young Water Treatment Plant

Water Supply Challenges
- Recurring drought conditions
- Government regulations
- SBx 7-7 Compliance (20 x 2020 Water Conservation Plan)
Helix Water Historical Per Capita Consumption (GPCD)

Water Management
- Water Loss Control
- Water Storage
- Water Conservation Policy for Development & Redevelopment
- Support water reuse
- Support water conservation legislation
- Comply with CUWCC’s Best Management Practices

Conservation Pricing
Encourages conservation & efficient water use
- Domestic accounts: Three tiered, inclining-block rate structure
- Irrigation accounts: Water budgets based on total landscape area and seasonal weather conditions; three tiered, inclining-block rate structure

Drought Response Policy
- Adopted in 2008
- Activates in response to declared water supply shortage by SDCWA
- Establishes four levels of drought response actions

<table>
<thead>
<tr>
<th>Drought Response Level</th>
<th>Conservation Target/Use Restriction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – Drought Watch</td>
<td>Increased Voluntary</td>
</tr>
<tr>
<td>2 – Drought Alert</td>
<td>Up to 20% Mandatory</td>
</tr>
<tr>
<td>3 – Drought Critical</td>
<td>Up to 40% Mandatory</td>
</tr>
<tr>
<td>4 – Drought Emergency</td>
<td>More than 40% Mandatory</td>
</tr>
</tbody>
</table>

Level 1 Drought Watch
- SDCWA declared Level 1 on February 13, 2014
- Helix declared Level 1 on February 19, 2014

Survey Programs
- Free service
- Evaluates how water is being used at property
- Provides short and long term suggestions on how to use water more efficiently
Rebates for Water-Efficient Devices

<table>
<thead>
<tr>
<th>Indoors</th>
<th>Maximum Rebate</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-Efficiency Toilet</td>
<td>$50</td>
</tr>
<tr>
<td>High-Efficiency Clothes Washer</td>
<td>$85</td>
</tr>
<tr>
<td>Weather-Based Irrigation Controller</td>
<td>$200* or $25/station</td>
</tr>
<tr>
<td>Soil Moisture Sensor</td>
<td>$80 or $25/station</td>
</tr>
<tr>
<td>High-Efficiency Rotating Sprinkler Nozzles (minimum 15)</td>
<td>$4/nozzle</td>
</tr>
<tr>
<td>Rain Barrels (up to 4 barrels)</td>
<td>$75/barrel</td>
</tr>
</tbody>
</table>

Turf Replacement Rebates

<table>
<thead>
<tr>
<th>Program</th>
<th>Maximum Rebate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metropolitan Water District – SoCal WaterSmart</td>
<td>$1.50/sf</td>
</tr>
<tr>
<td>San Diego County Water Authority’s Turf Replacement Program</td>
<td>$1.50/sf</td>
</tr>
</tbody>
</table>

Conservation Services & Resources

- Free low-flow showerheads
- Newsletter
- Workshops & Classes
- Partnership w/ Water Conservation Garden
- Annual Landscape Contest

Education & Public Outreach

- School Programs
  - Classroom presentations
  - Classroom kits
  - Treatment Plant tours
  - Poster & Photo Contests
  - Scholarships
  - Speaker’s Bureau

Questions?

Thank you