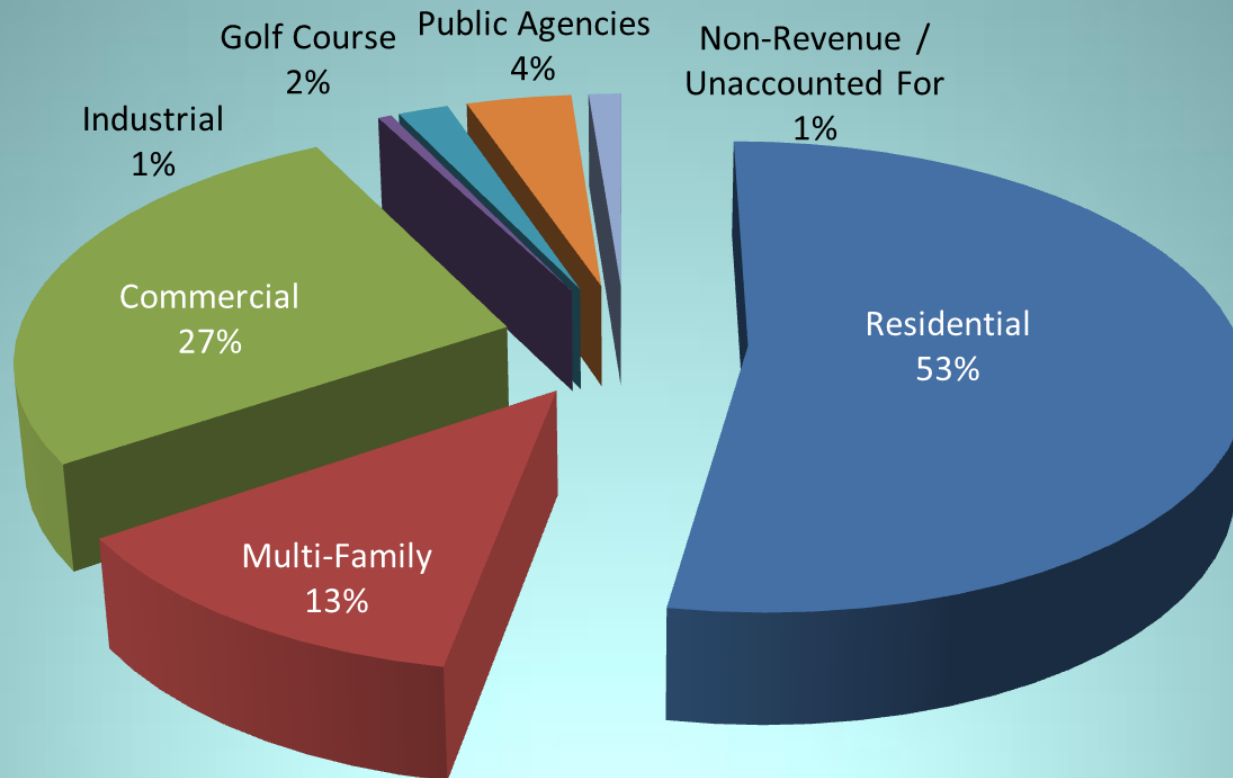


Stage 4 Rationing: An Example...

Conservation and Rationing Plan Workshop
December 1, 2015

Water Use on the Monterey Peninsula



Rationing Example: Loss of 1,000 AF

	Acre-Feet	Gallons
Water Available:		
From Carmel River (per CDO Modification Application)	8,310	2,707,821,810
From Seaside Basin (after 2018 ramp-down)	<u>1,820</u>	<u>593,048,820</u>
Total	<u>10,130</u>	<u>3,300,870,630</u>
Adjust for Unaccounted for Water (2014 ratio 91.07%)	9,225	3,006,102,883

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Water Required:		
Prior year customer demand (2014)	10,158	3,309,994,458

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Reduction Required:		
Prior year minus water available	933	303,891,575

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Less amount to come from Commercial Irrigation	12	4,000,000
Less amount to come from Commercial Verification	<u>1</u>	<u>350,000</u>
Net Reduction Required	919	299,541,575

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Prior year residential demand		2,216,394,600
Reduction required		299,541,575
Percent reduction required		13.5%

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Determine Ration:		
Prior year residential demand		2,216,394,600
Reduction required		299,541,575
Percent reduction required		13.5%
Prior year single-family demand		1,683,080,866
Prior year single-family per household (33,309)		50,529
Prior year per household per day consumption		138
Revised per household with percent reduction		43,700
Revised per household per day ration		120

Issues with Rationing in Commercial Sector

- (a) Non-customer driven such as office space (only bathrooms and maybe a kitchen) – capacity for savings is small
- (b) Customer driven such as restaurants and hotels, where the TOT and sales tax feed the local budgets (and if we ask these businesses to reduce service to customers, do we also ask DLI, NPS, MPC and MIIS to reduce enrollment?)
- (c) Water driven businesses such as nurseries, laundromats, and coffee shops
- (d) Water dependent businesses for health and safety purposes such as hospitals, assisted living, etc
- (e) School sports fields, the two golf courses on potable water versus those on wells or reclaimed water
- (f) Previous investment in BMPs