

**Agenda Item 4c
Summary of Ratings**

Criteria	Rating Set	WaterSmart	Landscaping, Capture, Re	Water Neutral Develop	North Coast Water	The Loquifer Alternativ	Expanded Treatment Ca	Raney Collectors on SLF	Reuse for Agriculture	Aquifer Restoration	Water Reuse (Potable)	Desal RO	Desal FO
Implementability	Technical Feasibility Legal Feasibility	Demonstrated in field Can probably acquire	Demonstrated in field Can probably acquire	Demonstrated in field Can probably acquire	Promising in 3-5 years Can probably acquire	Widely used Can probably acquire	Widely used Can probably acquire	Widely used Can probably acquire	Widely used Can probably acquire	Widely used Can probably acquire	Widely used Can probably acquire	Widely used Can probably acquire	Promising in 6-10 years Can probably acquire
Cost-Effectiveness	Regulatory Feasibility	Easy and quick	Easy and quick	Easy and quick	Acceptable in 5 years V slow no regulatory chng	Slow but relatively sure	Easy and quick	Slow but relatively sure	Up to10 year new reg	Slow but relatively sure	Up to10 year new reg	V slow no regulatory chng	V slow no regulatory chng
	Political Feasibility	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years	Acceptable in 5 years
	Cost to City: Upfront Costs Cost to City: Operation and Maintenance Cost to Customer: Rates	19 1.00E+05 1	4.30E+04 1.00E+05 2	0 1.00E+05 0	7.80E+04 1.50E+06 2	6.30E+04 1.20E+06 5	1.95E+05 1.50E+06 1	4.50E+04 8.50E+05 4	1.15E+05 7.00E+05 3	8.10E+04 1.50E+06 5	7.80E+04 1.70E+06 6	7.80E+04 2.00E+06 6	7.80E+04 1.50E+06 6
Community Well-being	Cost to Customer: Individual Purchase Regional Water Stability	None 4 jurisdictions	Significant SC Water only	Small SC Water only	None 2 jurisdictions	None 4 jurisdictions	None 4 jurisdictions	None 4 jurisdictions	None 2 jurisdictions	None 4 jurisdictions	None SC Water only	None 2 jurisdictions	None 2 jurisdictions
Zero Gap	Local Economy	No effect	Slight positive	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs
650 Gap	Local Economy	No effect	Slight positive	Negative for local jobs	Positive local job	Negative for local jobs	Negative for local jobs	Slight negative	Slight negative	Negative for local jobs	Negative for local jobs	Negative for local jobs	Negative for local jobs
Billion Gallon Gap	Local Economy	No effect	Slight positive	Negative for local jobs	Positive local job	Negative for local jobs	Negative for local jobs	Slight negative	Slight negative	Negative for local jobs	Positive local jobs	Positive local jobs	Postive local jobs
Environmental Well-being	Energy Marine Ecosystem Health Freshwater and Riparian Health Groundwater Resources	5 does not harm About as it is now Does not affect	5 does not harm About as it is now Does not affect	5 does not harm About as it is now Does not affect	3 does not harm About as it is now Depletes Resource	3 does not harm Plentiful healthier water Actively restores	3 does not harm About as it is now Does not affect	4 does not harm Plentiful healthier water Does not affect	2 does not harm Plentiful healthier water Allows restoration	3 does not harm Plentiful healthier water Actively restores	2 does not harm Plentiful healthier water Allows restoration	1 does not harm Plentiful healthier water Allows restoration	2 does not harm Plentiful healthier water Allows restoration
Adaptability	Infrastructure Resilience	Doesn't improve resilienc	Doesn't improve resilienc	Doesn't improve resilienc	Most challenges well	Doesn't improve resilienc	Most challenges well	Many moderately well	Some somewhat	Many moderately well	Many moderately well	Most challenges well	Most challenges well
Zero Gap	Reliable Supply	No change	No change	No change	Makes system sig more rel	Makes system less reliablSlightly more	Slightly more reliable	Slightly more reliable	Slightly more reliable	Somewhat more reliable	Makes system sig more rel	Makes system sig more rel	Makes system sig more rel
650 Gap	Reliable Supply	Makes system less reliabl	Makes system less reliabl	Makes system less reliabl	Makes system sig more rel	Makes system less reliabl	Slightly more reliable	Slightly more reliable	Slightly more reliable	Somewhat more reliable	Makes system sig more rel	Makes system sig more rel	Makes system sig more rel
Billion Gallon Gap	Reliable Supply	Makes system less reliabl	Makes system less reliabl	Makes system less reliabl	Makes system sig more rel	Makes system less reliabl	Slightly more reliable	Slightly more reliable	Slightly more reliable	Somewhat more reliable	Makes system sig more rel	Makes system sig more rel	Makes system sig more rel
Effectiveness	Scalability	Not scalable	Can scale to ~300 MG gap	Not scalable	Can scale to ~1BG gap	Can scale to ~650 MG gap	Can scale to ~300 MG gap	Can scale to ~300 MG gap	Can scale to ~650 MG gap	Can scale to ~650 MG gap	Can scale to ~1BG gap	Can scale to ~1BG gap	Can scale to ~1BG gap
	Preserves Future Choices	Somewhat inc choice	Somewhat inc choice	Somewhat inc choice	City locked in	City locked in	Reduces choice	Increases choice	Reduces choice	Reduces choice	Reduces choice	City locked in	City locked in
	Yield	95	576	17	1800	800	330	330	850	600	900	900	900
	Flexibility Addresses Peak Season Demand	Does not increase Maybe	Does not increase Yes	Somewhat increases No	Moderately increases Yes	Moderately increases Maybe	Moderately increases Yes	Moderately increases Yes	Moderately increases Yes	Greatly increases Yes	Greatly increases Yes	Greatly increases Yes	Greatly increases Yes

Note: the only ratings changes the City made across scenarios were in local economy and reliable supply; these appear in the shaded rows.