Appendix A: DWR 2015 UWMP Checklist

Appendix A- Urban Water Management Plan Checklist (Organized by Water Code Section)

No.	CWC Section	UWMP Requirement	Subject	Guidebook Location	UWMP Location by Retail Purveyor			
					Castaic Lake Water Agency	Newhall County Water District	CLWA Santa Clarita Water Division	Valencia Water Company
1	10608.20(b)	Retail suppliers shall adopt a 2020 water use target using one of four methods.	Baselines and Targets	Section 5.7 and App E	Not applicable, Wholesale Agency	Section 2.7.2. Page 2-25.	Section 2.7.2. Page 2-25.	Section 2.7.2. Page 2-26.
2	10608.20(e)	Retail suppliers shall provide baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.	Baselines and Targets	Chapter 5 and App E	Not applicable, Wholesale Agency	Section 2.7.2. Tables 2-20 and 2-21. Pages 2-24 and 2-25.	Section 2.7.2. Tables 2-22 and 2-23. Page 2-25.	Section 2.7.2. Tables 2-24 and 2-25. Page 2-26.
3	10608.22	Retail suppliers' per capita daily water use reduction shall be no less than 5 percent of base daily per capita water use of the 5 year baseline. This does not apply if the suppliers base GPCD is at or below 100.	Baselines and Targets	Section 5.7.2	Not applicable, Wholesale Agency	Section 2.7.2. Table 2-19. Page 2-23.	Section 2.7.2. Table 2-19. Page 2-23.	Section 2.7.2. Table 2-19. Page 2-23.
4	10608.24(a)	Retail suppliers shall meet their interim target by December 31, 2015.	Baselines and Targets	Section 5.8 and App E	Not applicable, Wholesale Agency	Section 2.7.3. Table 2-27. Page 2-27.	Section 2.7.3. Table 2-27. Page 2-27.	Section 2.7.3. Table 2-27. Page 2-27.
5	10608.24(d)(2)	If the retail supplier adjusts its compliance GPCD using weather normalization, economic adjustment, or extraordinary events, it shall provide the basis for, and data supporting the adjustment.	Baselines and Targets	Section 5.8.2	Not applicable, Wholesale Agency	Appendix J	Appendix J	Appendix J
6	10608.26(a)	Retail suppliers shall conduct a public hearing to discuss adoption, implementation, and economic impact of water use targets.	Plan Adoption, Submittal, and Implementation	Section 10.3	Not applicable, Wholesale Agency	Section 1.4.5. Page 1-6. Appendix E.	Section 1.4.5. Page 1-6. Appendix E.	Section 1.4.5. Page 1-6. Appendix E.
7	10608.36	Wholesale suppliers shall include an assessment of present and proposed future measures, programs, and policies to help their retail water suppliers achieve targeted water use reductions.	Baselines and Targets	Section 5.1	Section 2.7.4. Pages 2-27 and 2-28. Section 7.2.1.6. Page 7-5 to 7-6.	Not applicable, Retail Agency	Not applicable, Retail Agency	Not applicable, Retail Agency
8	10608.4	Retail suppliers shall report on their progress in meeting their water use targets. The data shall be reported using a standardized form.	Baselines and Targets	Section 5.8 and App E	Not applicable, Wholesale Agency	Section 2.7.3 and Table 2-27. Page 2-27. Appendix B.	Section 2.7.3 and Table 2-27. Page 2-27. Appendix B.	Section 2.7.3 and Table 2-27. Page 2-27. Appendix B.
9	10620(b)	Every person that becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.	Plan Preparation	Section 2.1	Section 1.3. Page 1-3.	Section 1.3. Page 1-3.	Section 1.3. Page 1-3.	Section 1.3. Page 1-3.
10	10620(d)(2)	Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	Plan Preparation	Section 2.5.2	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5.
11	10620(f)	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	Water Supply Reliability Assessment	Section 7.4	Section 1.4.7. Pages 1-7 and 1-8.	Section 1.4.7. Pages 1-7 and 1-8.	Section 1.4.7. Pages 1-7 and 1-8.	Section 1.4.7. Pages 1-7 and 1-8.
12	10621(b)	Notify, at least 60 days prior to the public hearing, any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan.	Plan Adoption, Submittal, and Implementation	Section 10.2.1	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.
13	10621(d)	Each urban water supplier shall update and submit its 2015 plan to the department by July 1, 2016.	Plan Adoption, Submittal, and Implementation	Sections 10.3.1 and 10.4	Section 1.3. Page 1-3.	Section 1.3. Page 1-3.	Section 1.3. Page 1-3.	Section 1.3. Page 1-3.

No.	CWC Section	UWMP Requirement	Subject	Guidebook Location	UWMP Location by Retail Purveyor			
					Castaic Lake Water Agency	Newhall County Water District	CLWA Santa Clarita Water Division	Valencia Water Company
14	10631(a)	Describe the water supplier service area.	System Description	Section 3.1	Section 1.5. Pages 1-8 and 1-9.	Section 1.5. Pages 1-8 and 1-9.	Section 1.5. Pages 1-8 and 1-9.	Section 1.5. Pages 1-8 and 1-9.
15	10631(a)	Describe the climate of the service area of the supplier.	System Description	Section 3.3	Section 1.6. Tables 1-4 and 1-5. Pages 1-11 and 1-12.	Section 1.6. Tables 1-4 and 1-5. Pages 1-11 and 1-12.	Section 1.6. Tables 1-4 and 1-5. Pages 1-11 and 1-12.	Section 1.6. Tables 1-4 and 1-5. Pages 1-11 and 1-12.
16	10631(a)	Indicate the current population of the service area.	System Description and Baselines and Targets	Sections 3.4 and 5.4	Section 2.6.1. Table 2-12. Page 2-17.	Section 2.6.1. Table 2-12. Page 2-17.	Section 2.6.1. Table 2-12. Page 2-17.	Section 2.6.1. Table 2-12. Page 2-17.
17	10631(a)	Provide population projections for 2020, 2025, 2030, and 2035.	System Description	Section 3.4	Section 2.6.2. Table 2-13. Pages 2-17 and 2-18.	Section 2.6.2. Table 2-13. Pages 2-17 and 2-18.	Section 2.6.2. Table 2-13. Pages 2-17 and 2-18.	Section 2.6.2. Table 2-13. Pages 2-17 and 2-18.
18	10631(a)	Describe other demographic factors affecting the supplier's water management planning.	System Description	Section 3.4	Section 2.2. Page 2-2.	Section 2.2. Page 2-2.	Section 2.2. Page 2-2.	Section 2.2. Page 2-2.
19	10631(b)	Identify and quantify the existing and planned sources of water available for 2015, 2020, 2025, 2030, and 2035.	System Supplies	Chapter 6	Section 3.1. Table 3-1. Pages 3-1, 3-2 and 3-3. Appendix C.	Section 3.1. Table 3-1. Pages 3-1, 3-2 and 3-3. Appendix C.	Section 3.1. Table 3-1. Pages 3-1, 3-2 and 3-3. Appendix C.	Section 3.1. Table 3-1. Pages 3-1, 3-2 and 3-3. Appendix C.
20	10631(b)	Indicate whether groundwater is an existing or planned source of water available to the supplier.	System Supplies	Section 6.2	Section 3.3. Page 3-17 to 3-44.	Section 3.3. Page 3-17 to 3-44.	Section 3.3. Page 3-17 to 3-44.	Section 3.3. Page 3-17 to 3-44.
21	10631(b)(1)	Indicate whether a groundwater management plan has been adopted by the water supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	System Supplies	Section 6.2.2	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.
22	10631(b)(2)	Describe the groundwater basin.	System Supplies	Section 6.2.1	Section 3.3.1. Page 3-17.	Section 3.3.1. Page 3-17.	Section 3.3.1. Page 3-17.	Section 3.3.1. Page 3-17.
23	10631(b)(2)	Indicate if the basin has been adjudicated and include a copy of the court order or decree and a description of the amount of water the supplier has the legal right to pump.	System Supplies	Section 6.2.2	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.
24	10631(b)(2)	For unadjudicated basins, indicate whether or not the department has identified the basin as overdrafted, or projected to become overdrafted. Describe efforts by the supplier to eliminate the long-term overdraft condition.	System Supplies	Section 6.2.3	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.	Section 3.3.2. Page 3-18. Appendix F.
25	10631(b)(3)	Provide a detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years	System Supplies	Section 6.2.4	Section 3.3.2.1., 3.3.2.2. and 3.3.2.3. Table 3-6. Page 3-24.	Section 3.3.2.1., 3.3.2.2. and 3.3.2.3. Table 3-6. Page 3-24.	Section 3.3.2.1., 3.3.2.2. and 3.3.2.3. Table 3-6. Page 3-24.	Section 3.3.2.1., 3.3.2.2. and 3.3.2.3. Table 3-6. Page 3-24.
26	10631(b)(4)	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	System Supplies	Sections 6.2 and 6.9	Section 3.3.2.1. Table 3-7. Page 3-25.	Section 3.3.2.1. Table 3-7. Page 3-25.	Section 3.3.2.1. Table 3-7. Page 3-25.	Section 3.3.2.1. Table 3-7. Page 3-25.
27	10631(c)(1)	Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage.	Water Supply Reliability Assessment	Section 7.1	Section 3.3.2.2. and 3.3.2.3.	Section 3.3.2.2. and 3.3.2.3.	Section 3.3.2.2. and 3.3.2.3.	Section 3.3.2.2. and 3.3.2.3.
28	10631(c)(1)	Provide data for an average water year, a single dry water year, and multiple dry water years	Water Supply Reliability Assessment	Section 7.2	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.
29	10631(c)(2)	For any water source that may not be available at a consistent level of use, describe plans to supplement or replace that source.	Water Supply Reliability Assessment	Section 7.1	Section 5.7. and 5.6.	Section 5.7. and 5.6.	Section 5.7. and 5.6.	Section 5.7. and 5.6.
30	10631(d)	Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.	System Supplies	Section 6.7	Section 3.4. Pages 3-45 to 3-46.	Section 3.4. Pages 3-45 to 3-46.	Section 3.4. Pages 3-45 to 3-46.	Section 3.4. Pages 3-45 to 3-46.

No.	CWC Section	UWMP Requirement	Subject	Guidebook Location	UWMP Location by Retail Purveyor			
					Castaic Lake Water Agency	Newhall County Water District	CLWA Santa Clarita Water Division	Valencia Water Company
31	10631(e)(1)	Quantify past, current, and projected water use, identifying the uses among water use sectors.	System Water Use	Section 4.2	Not applicable, Wholesale Agency	Section 2.4.1. Table 2-4. Page 2-8.	Section 2.4.1. Table 2-5. Page 2-9.	Section 2.4.1. Table 2-6. Page 2-10.
32	10631(e)(3)(A)	Report the distribution system water loss for the most recent 12-month period available.	System Water Use	Section 4.3	Section 2.5. Table 2-7. Page 2-11.	Section 2.5. Table 2-7. Page 2-11.	Section 2.5. Table 2-7. Page 2-11.	Section 2.5. Table 2-7. Page 2-11.
33	10631(f)(1)	Retail suppliers shall provide a description of the nature and extent of each demand management measure implemented over the past five years. The description will address specific measures listed in code.	Demand Management Measures	Sections 9.2 and 9.3	Not applicable, Wholesale Agency	Section 7.4. Page 7-10 to 7-13.	Section 7.3. Page 7-6 to 7-10.	Section 7.5. Page 7-13 to 7-18.
34	10631(f)(2)	Wholesale suppliers shall describe specific demand management measures listed in code, their distribution system asset management program, and supplier assistance program.	Demand Management Measures	Sections 9.1 and 9.3	Section 7.2. Page 7-3 to 7-6.	Not applicable, Retail Agency	Not applicable, Retail Agency	Not applicable, Retail Agency
35	10631(g)	Describe the expected future water supply projects and programs that may be undertaken by the water supplier to address water supply reliability in average, single-dry, and multiple-dry years.	System Supplies	Section 6.8	Section 3.5. and 6.3.	Section 3.5. and 6.3.	Section 3.5. and 6.3.	Section 3.5. and 6.3.
36	10631(h)	Describe desalinated water project opportunities for long-term supply.	System Supplies	Section 6.6	Section 3.7.2. Table 3-13. Page 3-50 and 3-51.	Section 3.7.2. Table 3-13. Page 3-50 and 3-51.	Section 3.7.2. Table 3-13. Page 3-50 and 3-51.	Section 3.7.2. Table 3-13. Page 3-50 and 3-51.
37	10631(i)	CUWCC members may submit their 2013-2014 CUWCC BMP annual reports in lieu of, or in addition to, describing the DMM implementation in their UWMPs. This option is only allowable if the supplier has been found to be in full compliance with the CUWCC MOU.	Demand Management Measures	Section 9.5	Section 7. Page 7-1. Appendix H.	Section 7. Page 7-1. Appendix H.	Section 7. Page 7-1. Appendix H.	Section 7. Page 7-1. Appendix H.
38	10631(j)	Retail suppliers will include documentation that they have provided their wholesale supplier(s) – if any - with water use projections from that source.	System Supplies	Section 2.5.1	Not applicable, Wholesale Agency	Table 2-28. Page 2-29. Appendix J.	Table 2-28. Page 2-29. Appendix J.	Table 2-28. Page 2-29. Appendix J.
39	10631(j)	Wholesale suppliers will include documentation that they have provided their urban water suppliers with identification and quantification of the existing and planned sources of water available from the wholesale to the urban supplier during various water year types.	System Supplies	Section 2.5.1	Table 2-28. Page 2-29. Appendix J.	Not applicable, Retail Agency	Not applicable, Retail Agency	Not applicable, Retail Agency
40	10631.1(a)	Include projected water use needed for lower income housing projected in the service area of the supplier.	System Water Use	Section 4.5	Section 2.7.4.1. Table 2-29. Pages 2-30 to 2-32.	Section 2.7.4.1. Table 2-29. Pages 2-30 to 2-32.	Section 2.7.4.1. Table 2-29. Pages 2-30 to 2-32.	Section 2.7.4.1. Table 2-29. Pages 2-30 to 2-32.
41	10632(a) and 10632(a)(1)	Provide an urban water shortage contingency analysis that specifies stages of action and an outline of specific water supply conditions at each stage.	Water Shortage Contingency Planning	Section 8.1	Section 8.3.1. Table 8-2. Page 8-2 and 8-3. Appendix G.	Section 8.3.2. Table 8-3. Page 8-3. Appendix G.	Section 8.3.3. Table 8-4. Page 8-3. Appendix G.	Section 8.3.4. Table 8-5. Page 8-4. Appendix G.
42	10632(a)(2)	Provide an estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic sequence for the agency.	Water Shortage Contingency Planning	Section 8.9	Section 8.11. Table 8-14. Pages 8-24 to 8-26.	Section 8.11. Table 8-14. Pages 8-24 to 8-26.	Section 8.11. Table 8-14. Pages 8-24 to 8-26.	Section 8.11. Table 8-14. Pages 8-24 to 8-26.
43	10632(a)(3)	Identify actions to be undertaken by the urban water supplier in case of a catastrophic interruption of water supplies.	Water Shortage Contingency Planning	Section 8.8	Section 8.10. Pages 8-14 to 8-24.	Section 8.10. Pages 8-14 to 8-24.	Section 8.10. Pages 8-14 to 8-24.	Section 8.10. Pages 8-14 to 8-24.
44	10632(a)(4)	Identify mandatory prohibitions against specific water use practices during water shortages.	Water Shortage Contingency Planning	Section 8.2	Appendix G.	Section 8.5.1. Pages 8-5 to 8-7. Appendix G.	Section 8.5.2. Pages 8-7 and 8-8.Appendix G.	Section 8.5.3. Pages 8-8 to 8-10. Appendix G.

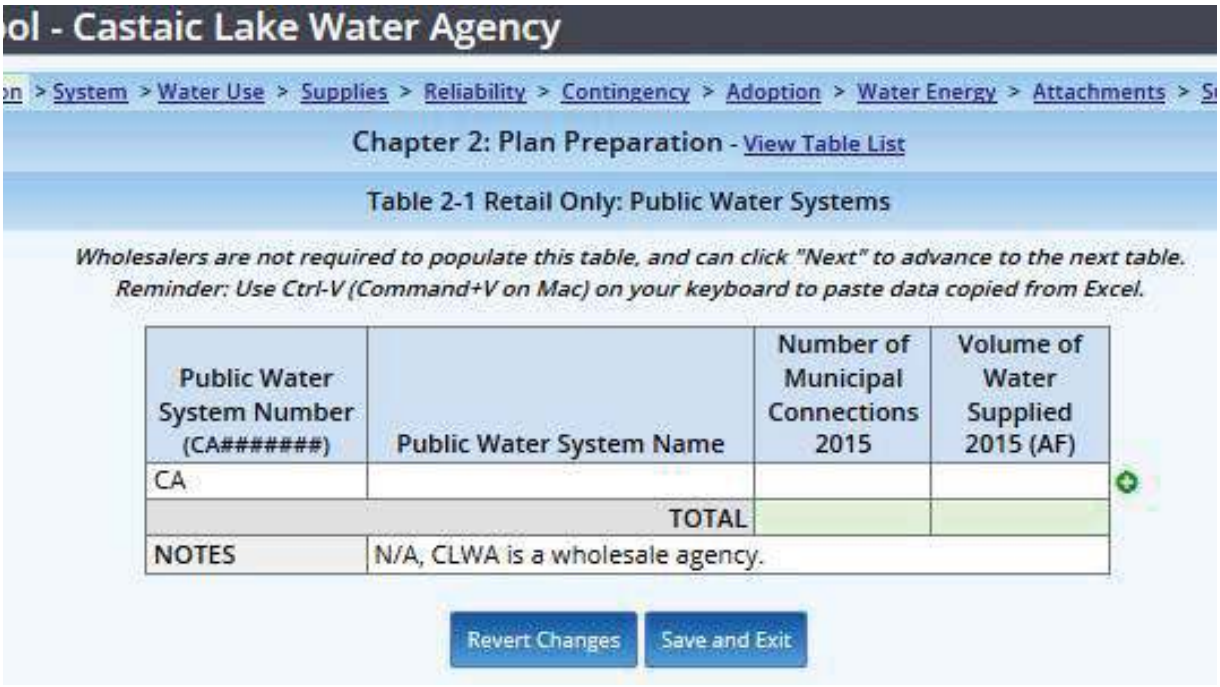
No.	CWC Section	UWMP Requirement	Subject	Guidebook Location	UWMP Location by Retail Purveyor			
					Castaic Lake Water Agency	Newhall County Water District	CLWA Santa Clarita Water Division	Valencia Water Company
45	10632(a)(5)	Specify consumption reduction methods in the most restrictive stages.	Water Shortage Contingency Planning	Section 8.4	Section 8.6. Page 8-10 and 8-11.	Section 8.6. Page 8-10 and 8-11.	Section 8.6. Page 8-10 and 8-11.	Section 8.6. Page 8-10 and 8-11.
46	10632(a)(6)	Indicated penalties or charges for excessive use, where applicable.	Water Shortage Contingency Planning	Section 8.3	Appendix G.	Section 8.5.1. Table 8-8. Page 8-6. Appendix G.	Section 8.5.2. Table 8-10. Page 8-8. Appendix G.	Section 8.5.3. Table 8-11. Page 8-10. Appendix G.
47	10632(a)(7)	Provide an analysis of the impacts of each of the actions and conditions in the water shortage contingency analysis on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts.	Water Shortage Contingency Planning	Section 8.6	Appendix G.	Section 8.8.1. Page 8-12 and 8-13. Appendix G.	Section 8.8.2. Page 8-13. Appendix G.	Section 8.8.3. Page 8-13 and 8-14. Appendix G.
48	10632(a)(8)	Provide a draft water shortage contingency resolution or ordinance.	Water Shortage Contingency Planning	Section 8.7	Section 8.9. Page 8-14.	Section 8.9. Page 8-14.	Section 8.9. Page 8-14.	Section 8.9. Page 8-14.
49	10632(a)(9)	Indicate a mechanism for determining actual reductions in water use pursuant to the water shortage contingency analysis	Water Shortage Contingency Planning	Section 8.5	Section 8.7. Page 8-11 and 8-12.	Section 8.7. Page 8-11 and 8-12.	Section 8.7. Page 8-11 and 8-12.	Section 8.7. Page 8-11 and 8-12.
50	10633	For wastewater and recycled water, coordinate with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area.	System Supplies (Recycled Water)	Section 6.5.1	Section 4.1. Table 4-1. Page 4-2.	Section 4.1. Table 4-1. Page 4-2.	Section 4.1. Table 4-1. Page 4-2.	Section 4.1. Table 4-1. Page 4-2.
51	10633(a)	Describe the wastewater collection and treatment systems in the supplier's service area. Include quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.	System Supplies (Recycled Water)	Section 6.5.2	Section 4.2. Page 4-2 and 4-3.	Section 4.2. Page 4-2 and 4-3.	Section 4.2. Page 4-2 and 4-3.	Section 4.2. Page 4-2 and 4-3.
52	10633(b)	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	System Supplies (Recycled Water)	Section 6.5.2.2	Table 4-3. Page 4-8.	Table 4-3. Page 4-8.	Table 4-3. Page 4-8.	Table 4-3. Page 4-8.
53	10633(c)	Describe the recycled water currently being used in the supplier's service area.	System Supplies (Recycled Water)	Section 6.5.3 and 6.5.4	Section 4.7. Table 4-4. Page 4-16.	Section 4.7. Table 4-4. Page 4-16.	Section 4.7. Table 4-4. Page 4-16.	Section 4.7. Table 4-4. Page 4-16.
54	10633(d)	Describe and quantify the potential uses of recycled water and provide a determination of the technical and economic feasibility of those uses.	System Supplies (Recycled Water)	Section 6.5.4	Table 4-3. Page 4-8.	Table 4-3. Page 4-8.	Table 4-3. Page 4-8.	Table 4-3. Page 4-8.
55	10633(e)	Describe the projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected.	System Supplies (Recycled Water)	Section 6.5.4	Section 4.4. Table 4-3. Page 4-8.	Section 4.4. Table 4-3. Page 4-8.	Section 4.4. Table 4-3. Page 4-8.	Section 4.4. Table 4-3. Page 4-8.
56	10633(f)	Describe the actions which may be taken to encourage the use of recycled water and the projected results of these actions in terms of acre-feet of recycled water used per year.	System Supplies (Recycled Water)	Section 6.5.5	Section 4.8. Page 4-16 and 4-17.	Section 4.8. Page 4-16 and 4-17.	Section 4.8. Page 4-16 and 4-17.	Section 4.8. Page 4-16 and 4-17.
57	10633(g)	Provide a plan for optimizing the use of recycled water in the supplier's service area.	System Supplies (Recycled Water)	Section 6.5.5	Section 4.9. Page 4-17 and 4-18.	Section 4.9. Page 4-17 and 4-18.	Section 4.9. Page 4-17 and 4-18.	Section 4.9. Page 4-17 and 4-18.
58	10634	Provide information on the quality of existing sources of water available to the supplier and the manner in which water quality affects water management strategies and supply reliability	Water Supply Reliability Assessment	Section 7.1	Section 5.7. Table 5-2. Page 5-16 and 5-17.	Section 5.7. Table 5-2. Page 5-16 and 5-17.	Section 5.7. Table 5-2. Page 5-16 and 5-17.	Section 5.7. Table 5-2. Page 5-16 and 5-17.
59	10635(a)	Assess the water supply reliability during normal, dry, and multiple dry water years by comparing the total water supply sources available to the water supplier with the total projected water use over the next 20 years.	Water Supply Reliability Assessment	Section 7.3	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.	Section 6.4.1, 6.4.2 and 6.4.3. Tables 6-2, 6-3, 6-4A and 6-4B. Pages 6-7 to 6-18.

No.	CWC Section	UWMP Requirement	Subject	Guidebook Location	UWMP Location by Retail Purveyor			
					Castaic Lake Water Agency	Newhall County Water District	CLWA Santa Clarita Water Division	Valencia Water Company
60	10635(b)	Provide supporting documentation that Water Shortage Contingency Plan has been, or will be, provided to any city or county within which it provides water, no later than 60 days after the submission of the plan to DWR.	Plan Adoption, Submittal, and Implementation	Section 10.4.4	Section 8.1. Table 8-1. Page 8-1. Appendix G	Section 8.1. Table 8-1. Page 8-1. Appendix G	Section 8.1. Table 8-1. Page 8-1. Appendix G	Section 8.1. Table 8-1. Page 8-1. Appendix G
61	10642	Provide supporting documentation that the water supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan.	Plan Preparation	Section 2.5.2	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.	Section 1.4.4. Table 1-2. Pages 1-4 and 1-5. Appendix E.
62	10642	Provide supporting documentation that the urban water supplier made the plan available for public inspection, published notice of the public hearing, and held a public hearing about the plan.	Plan Adoption, Submittal, and Implementation	Sections 10.2.2, 10.3, and 10.5	Section 1.4.6. Table 1-3. Page 1-6 and 1-7.Appendix E.	Section 1.4.6. Table 1-3. Page 1-6 and 1-7.Appendix E.	Section 1.4.6. Table 1-3. Page 1-6 and 1-7.Appendix E.	Section 1.4.6. Table 1-3. Page 1-6 and 1-7.Appendix E.
63	10642	The water supplier is to provide the time and place of the hearing to any city or county within which the supplier provides water.	Plan Adoption, Submittal, and Implementation	Sections 10.2.1	Appendix E	Appendix E	Appendix E	Appendix E
64	10642	Provide supporting documentation that the plan has been adopted as prepared or modified.	Plan Adoption, Submittal, and Implementation	Section 10.3.1	Section 1.4.5. Page 1-6. Appendix E.	Section 1.4.5. Page 1-6. Appendix E.	Section 1.4.5. Page 1-6. Appendix E.	Section 1.4.5. Page 1-6. Appendix E.
65	10644(a)	Provide supporting documentation that the urban water supplier has submitted this UWMP to the California State Library.	Plan Adoption, Submittal, and Implementation	Section 10.4.3	Appendix E.	Appendix E.	Appendix E.	Appendix E.
66	10644(a)(1)	Provide supporting documentation that the urban water supplier has submitted this UWMP to any city or county within which the supplier provides water no later than 30 days after adoption.	Plan Adoption, Submittal, and Implementation	Section 10.4.4	Appendix E.	Appendix E.	Appendix E.	Appendix E.
67	10644(a)(2)	The plan, or amendments to the plan, submitted to the department shall be submitted electronically	Plan Adoption, Submittal, and Implementation	Sections 10.4.1 and 10.4.2	Appendix E.	Appendix E.	Appendix E.	Appendix E.
68	10645	Provide supporting documentation that, not later than 30 days after filing a copy of its plan with the department, the supplier has or will make the plan available for public review during normal business hours.	Plan Adoption, Submittal, and Implementation	Section 10.5	Appendix E.	Appendix E.	Appendix E.	Appendix E.

Appendix B: DWR Standardized Tables

Castaic Lake Water Agency

The information provided in the online WUEdata tables reflects data in the 2015 Santa Clarita Valley Urban Water Management Plan (UWMP) for the purpose of completing the online DWR WUEdata submittal. This submittal is not intended to be an electronic replica of the 2015 UWMP adopted by the Castaic Lake Water Agency Board of Directors on June 8, 2016. Nor does the Agency intend for this submittal to be an amendment, change or update to the 2015 UWMP.



ol - Castaic Lake Water Agency

on > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > S

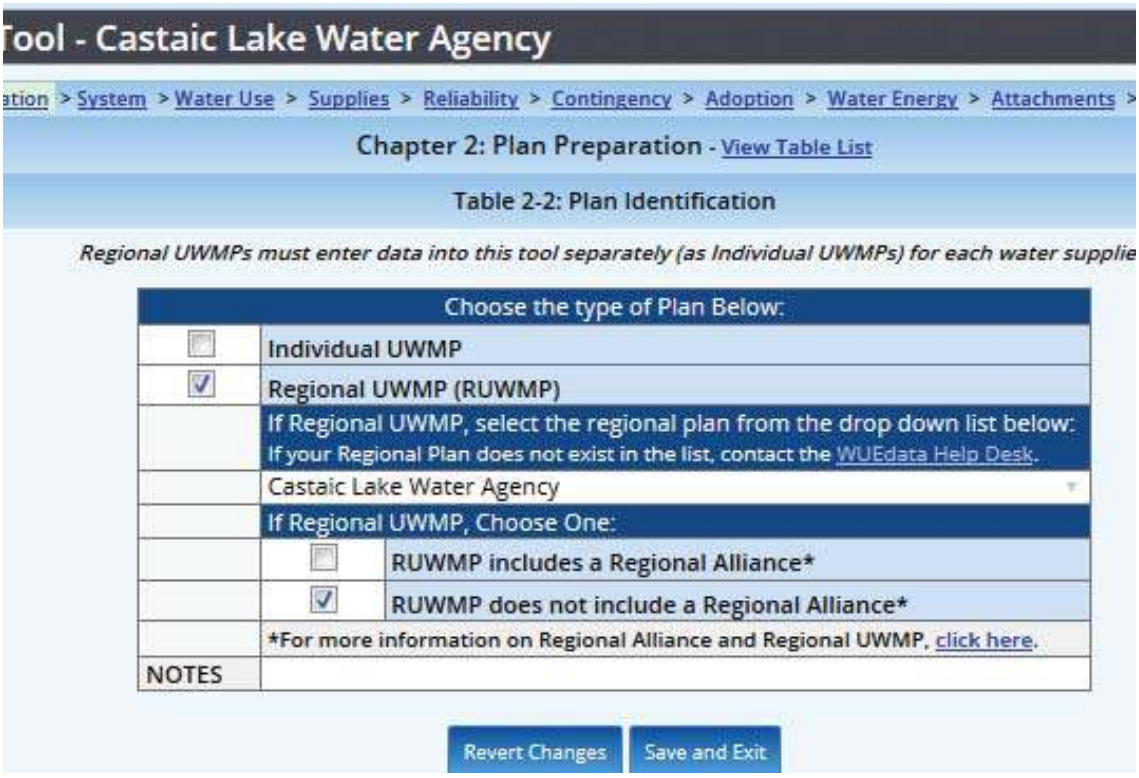
Chapter 2: Plan Preparation - View Table List

Table 2-1 Retail Only: Public Water Systems

Wholesalers are not required to populate this table, and can click "Next" to advance to the next table.
Reminder: Use Ctrl-V (Command+V on Mac) on your keyboard to paste data copied from Excel.

Public Water System Number (CA#######)	Public Water System Name	Number of Municipal Connections 2015	Volume of Water Supplied 2015 (AF)
CA			
	TOTAL		
NOTES	N/A, CLWA is a wholesale agency.		

Revert Changes | Save and Exit



Tool - Castaic Lake Water Agency

ation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments >

Chapter 2: Plan Preparation - View Table List

Table 2-2: Plan Identification

Regional UWMPs must enter data into this tool separately (as Individual UWMPs) for each water supplie

Choose the type of Plan Below:	
☐	Individual UWMP
☑	Regional UWMP (RUWMP)
	If Regional UWMP, select the regional plan from the drop down list below: If your Regional Plan does not exist in the list, contact the WUEdata Help Desk.
	Castaic Lake Water Agency
	If Regional UWMP, Choose One:
☐	RUWMP includes a Regional Alliance*
☑	RUWMP does not include a Regional Alliance*
	*For more information on Regional Alliance and Regional UWMP, click here.
NOTES	

Revert Changes | Save and Exit

Chapter 2: Plan Preparation - View Table List

Table 2-3: Agency Identification

Type of Agency (select one or both)	
☑	Agency is a wholesaler
☐	Agency is a retailer
Fiscal or Calendar Year (select one)	
☑	UWMP Tables Are in Calendar Years
☐	UWMP Tables Are in Fiscal Years
If Using Fiscal Years Provide Month and Date that the Fiscal Year Begins (mm/dd)	
Units of Measure Used in UWMP (select from Drop down)	
Unit	AF
NOTES	

Revert Changes Save and Exit

Castaic Lake Water Agency

tem > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments

Chapter 2: Plan Preparation - View Table List

Table 2-4 Wholesale: Water Supplier Information Exchange

☐	Supplier has informed more than 10 other water suppliers of water supplies available in accordance with CWC 10631. Completion of the table below is optional. If not completed include a list of the water suppliers that were informed.
	Provide page number for location of the list.
☑	Supplier has informed 10 or fewer other water suppliers of water supplies available in accordance with CWC 10631. Complete the table below.

Water Supplier Name
Santa Clarita Water Division of the Castaic Lake Water Agency
Newhall County Water District
Valencia Water Company
Los Angeles County Waterworks District No. 36

NOTES	Los Angeles County Waterworks District No. 36 is a retail purveyor to CLWA, but is not submitting a separate UWMP. (See UWMP Section 1.4)

Revert Changes | Save and Exit

P Tool - Castaic Lake Water Agency

paration > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DV

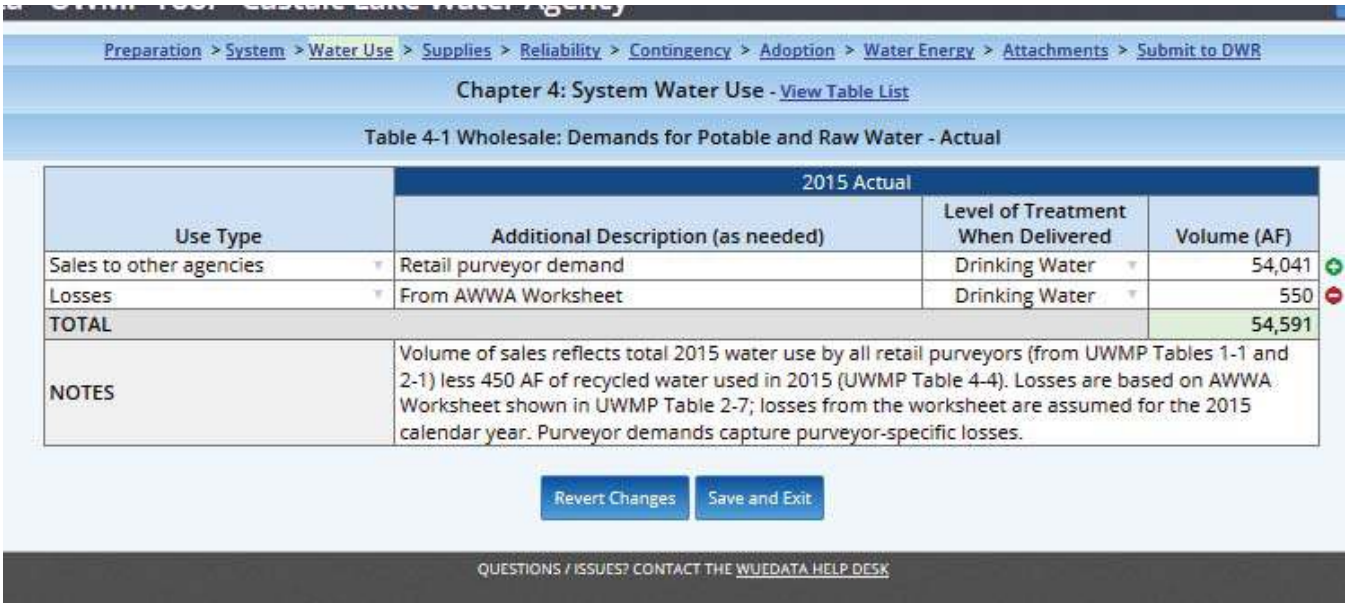
Chapter 3: System Description - View Table List

Table 3-1 Wholesale: Population - Current and Projected

Projected population estimates shall be based upon data from the state, regional, or local service agency population projections.

	2015	2020	2025	2030	2035	2040 (opt)
Population Served	272,500	289,100	321,900	354,600	383,500	396,100
NOTES	UWMP Tables 2-12 and 2-13					

Revert Changes | Save and Exit



Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

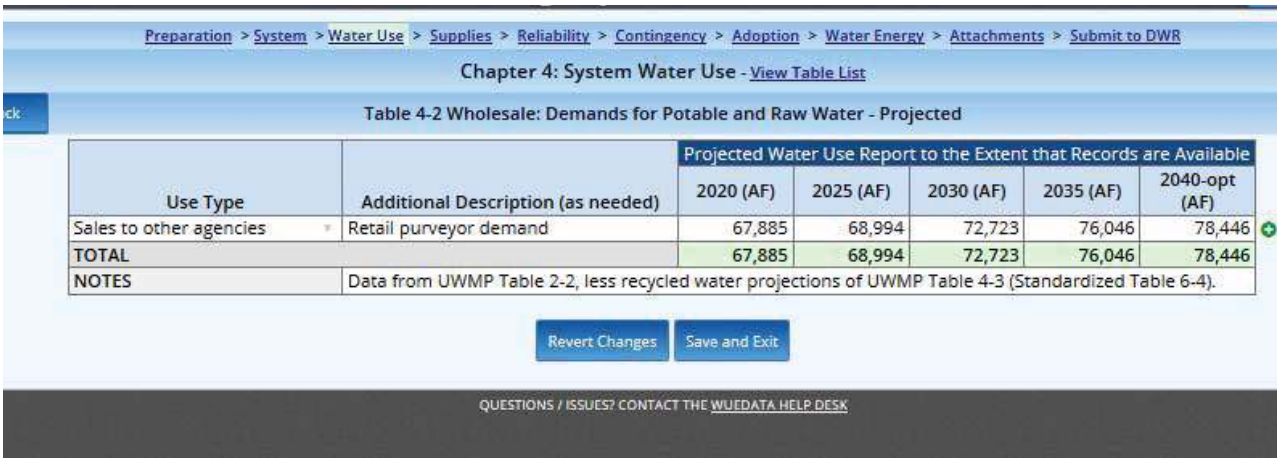
Chapter 4: System Water Use - View Table List

Table 4-1 Wholesale: Demands for Potable and Raw Water - Actual

Use Type	2015 Actual		
	Additional Description (as needed)	Level of Treatment When Delivered	Volume (AF)
Sales to other agencies	Retail purveyor demand	Drinking Water	54,041
Losses	From AWWA Worksheet	Drinking Water	550
TOTAL			54,591
NOTES	Volume of sales reflects total 2015 water use by all retail purveyors (from UWMP Tables 1-1 and 2-1) less 450 AF of recycled water used in 2015 (UWMP Table 4-4). Losses are based on AWWA Worksheet shown in UWMP Table 2-7; losses from the worksheet are assumed for the 2015 calendar year. Purveyor demands capture purveyor-specific losses.		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 4: System Water Use - View Table List

Table 4-2 Wholesale: Demands for Potable and Raw Water - Projected

Use Type	Additional Description (as needed)	Projected Water Use Report to the Extent that Records are Available				
		2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040-opt (AF)
Sales to other agencies	Retail purveyor demand	67,885	68,994	72,723	76,046	78,446
TOTAL		67,885	68,994	72,723	76,046	78,446
NOTES	Data from UWMP Table 2-2, less recycled water projections of UWMP Table 4-3 (Standardized Table 6-4).					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

v/secure/uwmp_tool.asp?wuedata_plan_id=420

WMP Tool - Castaic Lake Water Agency

Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 4: System Water Use - View Table List

Table 4-3 Wholesale: Total Water Demands

	2015 (AF)	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Potable and Raw Water *From Tables 4-1 and 4-2*	54,591	67,885	68,994	72,723	76,046	78,446
Recycled Water Demand* *From Table 6-4*	450	1,015	5,606	8,077	10,054	10,054
TOTAL	55,041	68,900	74,600	80,800	86,100	88,500
*Recycled water demand fields will be blank until Table 6-4 is complete.						
NOTES	UWMP Tables 2-1 and 2-2, 4-3, 4-4					

Revert Changes | Save and Exit

ta - UWMP Tool - Castaic Lake Water Agency

Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 6: System Supplies - View Table List

Table 6-1 Wholesale: Groundwater Volume Pumped

	Supplier does not pump groundwater. The supplier will not complete the table below.					
Groundwater Type	Location or Basin Name	2011 (AF)	2012 (AF)	2013 (AF)	2014 (AF)	2015 (AF)
Alluvial Basin	Alluvium	26,186	25,593	21,431	24,683	19,333
Alluvial Basin	Saugus Formation	7,438	8,133	8,348	9,929	10,560
TOTAL		33,624	33,726	29,779	34,612	29,893
NOTES	UWMP Table 3-6					

Revert Changes | Save and Exit

WUEdata - UWMP Tool - Castaic Lake Water Agency

Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 6: System Supplies - View Table List

Back

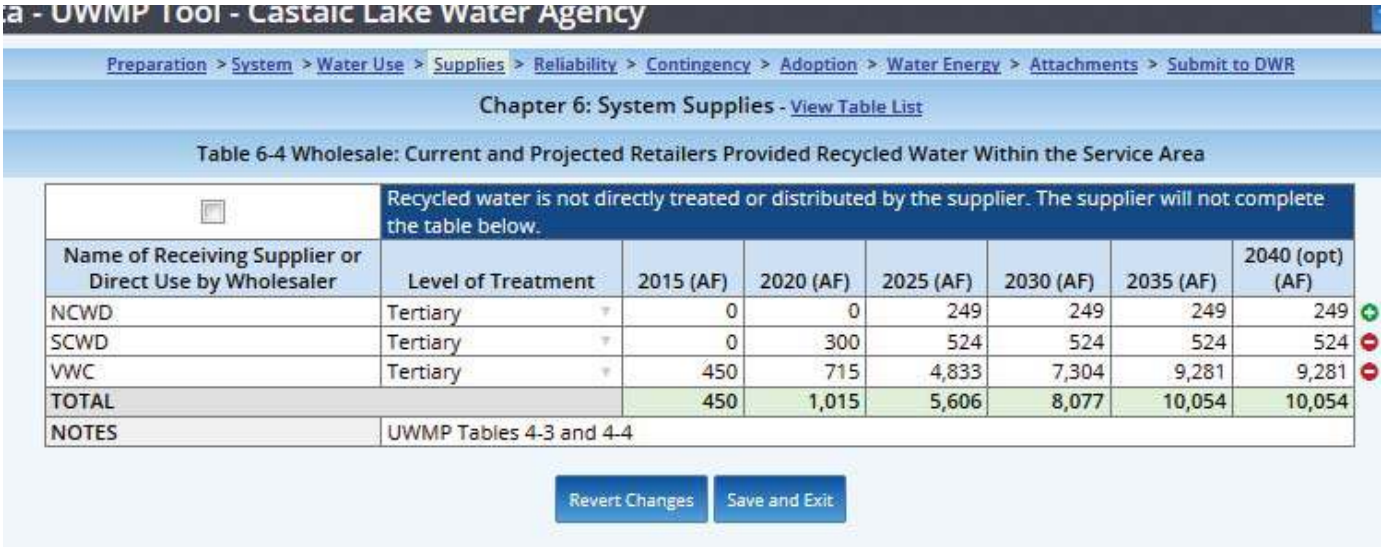
Table 6-3 Wholesale: Wastewater Treatment and Discharge Within Service Area in 2015

Next

☐ Wholesale supplier neither distributes nor provides supplemental treatment to recycled water. The supplier will not complete the table below.

Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number (optional)	Method of Disposal	Does this Plant Treat Wastewater Generated Outside the Service Area?	Treatment Level	2015 Volumes (AF)			
							Wastewater Treated	Discharge Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area
Valencia WRP	Santa Clara River	Santa Clara River at Old Road		River or creek outfall	No	Tertiary	15,460	15,010	450	0
Saugus WRP	Santa Clara River	Bouquet Canyon and Soledad Canyon Roads		River or creek outfall	No	Tertiary	6,160	6,160	0	0
TOTAL							21,620	21,170	450	
NOTES	UWMP Section 4.2; 2014 data assumed for 2015.									

Revert Changes | Save and Exit



a - UWMP Tool - Castaic Lake Water Agency

Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 6: System Supplies - View Table List

Table 6-4 Wholesale: Current and Projected Retailers Provided Recycled Water Within the Service Area

☐ Recycled water is not directly treated or distributed by the supplier. The supplier will not complete the table below.

Name of Receiving Supplier or Direct Use by Wholesaler	Level of Treatment	2015 (AF)	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
NCWD	Tertiary	0	0	249	249	249	249
SCWD	Tertiary	0	300	524	524	524	524
VWC	Tertiary	450	715	4,833	7,304	9,281	9,281
TOTAL		450	1,015	5,606	8,077	10,054	10,054
NOTES	UWMP Tables 4-3 and 4-4						

Revert Changes | Save and Exit

Chapter 6: System Supplies - View Table List

Table 6-5 Wholesale: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual

☐	Recycled water was not used or distributed by the supplier in 2010, nor projected for use or distribution in 2015. The wholesale supplier will not complete the table below.	
Name of Receiving Supplier or Direct Use by Wholesaler	**2010 Projections for 2015 (AF)**	**2015 Actual Use (AF)**
Landscape	600	57
Golf Course Landscape	700	393
TOTAL	**1,300**	**450**
NOTES	UWMP Table 4-4	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

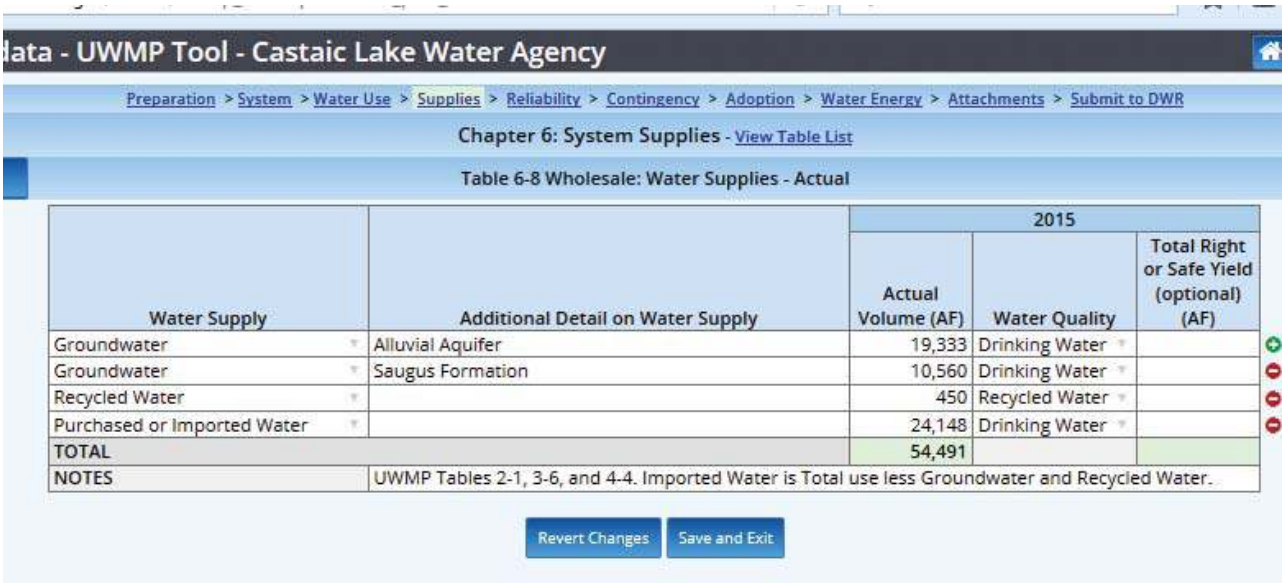
Chapter 6: System Supplies - View Table List

Table 6-7 Wholesale: Expected Future Water Supply Projects or Programs

☐	No expected future water supply projects or programs will provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.					
☑	Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.					
Sections 3.5.4 and 3.6	Provide page location of narrative in the UWMP.					
Name of Future Projects or Programs	**Joint Project with other agencies?**		**Description (if needed)**	**Planned Implementation Year**	**Planned for Use in Year Type**	**Expected Increase in Water Supply to Agency** *This may be a range* **(AF)**
	Yes/No	**If Yes, Agency Name**				
NOTES	See UWMP Sections 3.5.4 and 3.6					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



ata - UWMP Tool - Castaic Lake Water Agency

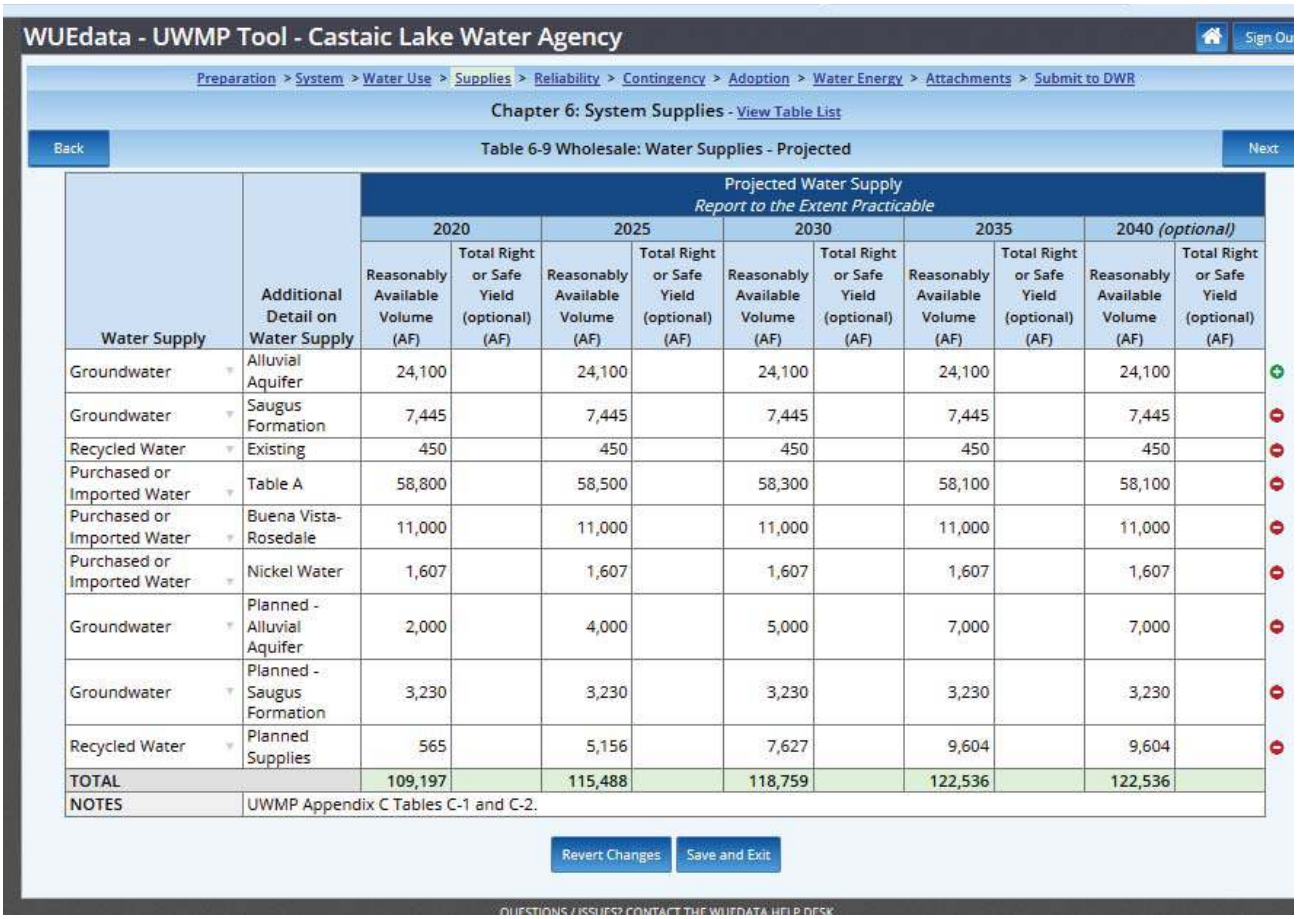
Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 6: System Supplies - View Table List

Table 6-8 Wholesale: Water Supplies - Actual

Water Supply	Additional Detail on Water Supply	2015		
		Actual Volume (AF)	Water Quality	Total Right or Safe Yield (optional) (AF)
Groundwater	Alluvial Aquifer	19,333	Drinking Water	
Groundwater	Saugus Formation	10,560	Drinking Water	
Recycled Water		450	Recycled Water	
Purchased or Imported Water		24,148	Drinking Water	
TOTAL		54,491		
NOTES	UWMP Tables 2-1, 3-6, and 4-4. Imported Water is Total use less Groundwater and Recycled Water.			

Revert Changes | Save and Exit



WUEdata - UWMP Tool - Castaic Lake Water Agency

Sign Ou

Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 6: System Supplies - View Table List

Back

Table 6-9 Wholesale: Water Supplies - Projected

Next

Water Supply	Additional Detail on Water Supply	Projected Water Supply *Report to the Extent Practicable*									
		2020		2025		2030		2035		2040 *(optional)*	
		Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)
Groundwater	Alluvial Aquifer	24,100		24,100		24,100		24,100		24,100	
Groundwater	Saugus Formation	7,445		7,445		7,445		7,445		7,445	
Recycled Water	Existing	450		450		450		450		450	
Purchased or Imported Water	Table A	58,800		58,500		58,300		58,100		58,100	
Purchased or Imported Water	Buena Vista-Rosedale	11,000		11,000		11,000		11,000		11,000	
Purchased or Imported Water	Nickel Water	1,607		1,607		1,607		1,607		1,607	
Groundwater	Planned - Alluvial Aquifer	2,000		4,000		5,000		7,000		7,000	
Groundwater	Planned - Saugus Formation	3,230		3,230		3,230		3,230		3,230	
Recycled Water	Planned Supplies	565		5,156		7,627		9,604		9,604	
TOTAL		109,197		115,488		118,759		122,536		122,536	
NOTES	UWMP Appendix C Tables C-1 and C-2.										

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

UWMP Tool - Castaic Lake Water Agency

Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-1 Wholesale: Basis of Water Year Data

One Table for All Water Sources (Switch to Multiple Tables)

Year Type	Base Year *(If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 1999-2000, use 2000)*	Available Supplies if Year Type Repeats	
		☑	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP.
		Section 6.4	Provide the page or location in the UWMP.
		☐	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available (AF)	% of Average Supply
Average Year	2003		100%
Single-Dry Year	1977		
Multiple-Dry Years 1st Year	1931		
Multiple-Dry Years 2nd Year	1932		
Multiple-Dry Years 3rd Year	1933		
Multiple-Dry Years 4th Year (Optional)	1934		
Multiple-Dry Years 5th Year (Optional)			
Multiple-Dry Years 6th Year (Optional)			

Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of the Table 7-1 are being used and identify the particular water source that is being reported in each table.

NOTES	Base year discussion and supply quantification can be found in UWMP Section 6.4.

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

ool - Castaic Lake Water Agency

ion > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Sub

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-2 Wholesale: Normal Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals (autofill from Table 6-9)	109,197	115,488	118,759	122,536	122,536
Demand totals (autofill from Table 4-3)	68,900	74,600	80,800	86,100	88,500
Difference	40,297	40,888	37,959	36,436	34,036
NOTES	UWMP Table 6-2 and Appendix C Table C-3				

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

- Castaic Lake Water Agency

System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Su

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-3 Wholesale: Single Dry Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals	99,982	106,573	118,664	122,641	122,641
Demand totals	75,800	82,100	88,900	94,700	97,400
Difference	24,182	24,473	29,764	27,941	25,241
NOTES	UWMP Table 6-3 and Appendix C Table C-6.				

Revert Changes | Save and Exit

? Tool - Castaic Lake Water Agency

paration > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-4 Wholesale: Multiple Dry Years Supply and Demand Comparison

		2020	2025	2030	2035	2040 (opt)
First Year	Supply totals (AF)	123,037	127,128	139,254	143,231	143,231
	Demand totals (AF)	75,800	82,100	88,900	94,700	97,400
	Difference (AF)	47,237	45,028	50,354	48,531	45,831
Second Year	Supply totals (AF)	123,037	127,128	139,254	143,231	143,231
	Demand totals (AF)	75,800	82,100	88,900	94,700	97,400
	Difference (AF)	47,237	45,028	50,354	48,531	45,831
Third Year	Supply totals (AF)	123,037	127,128	139,254	143,231	143,231
	Demand totals (AF)	75,800	82,100	88,900	94,700	97,400
	Difference (AF)	47,237	45,028	50,354	48,531	45,831
Fourth year *(optional)*	Supply totals (AF)	123,037	127,128	139,254	143,231	143,231
	Demand totals (AF)	75,800	82,100	88,900	94,700	97,400
	Difference (AF)	47,237	45,028	50,354	48,531	45,831
Fifth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
Sixth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
NOTES	Details found in UWMP Section 6.4.3, UWMP Table 6-4A and Appendix C Table C-9A. For purposes of Table 7-4 above, supplies and demands are assumed to be the same for each year of the multiple dry-year period. Projections for a three-year dry period are also described in UWMP Section 6.4.3.					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Chapter 8: Water Shortage Contingency Planning - View Table List

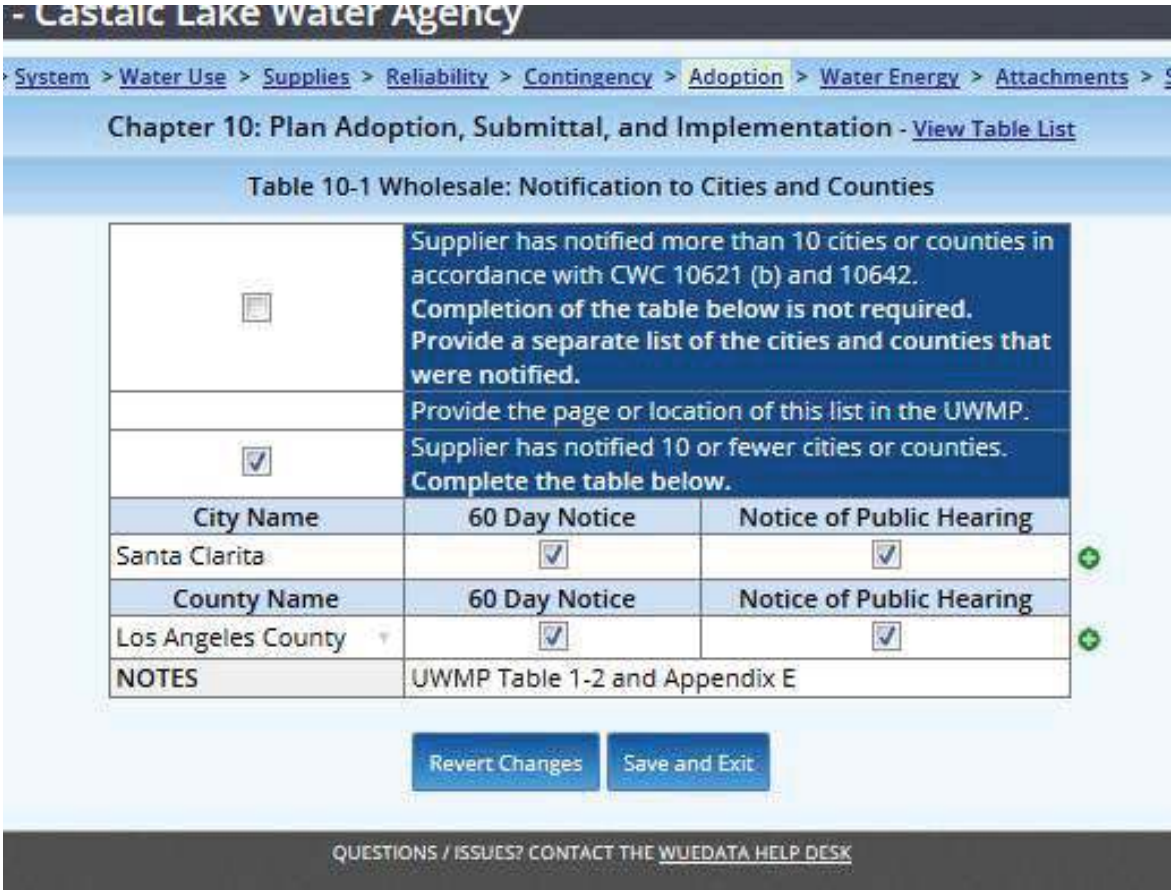
Table 8-1 Wholesale: Stages of Water Shortage Contingency Plan

A minimum of two stages must be entered.

Stage	Complete Both	
	Supply Reduction*	Water Supply Condition *(Narrative description)*
0	0%	Year when 65% of its normal year wholesale imported supply is available to the Agency
1	35-39%	Agency has sufficient SWP surface storage to meet the reduction in supply
2	40-44%	Agency has sufficient SWP surface storage plus other low-cost water resources to meet the reduction in supply
3	45-75%	Agency has sufficient SWP surface storage plus other low-cost water resources plus other potential actions to meet the reduction in supply
*One stage in the Water Shortage Contingency Plan must address a water shortage of 50%		
NOTES	UWMP Table 8-2	

Revert Changes | Save and Exit


se > Supplies > Reliability > Contingency > Adoption > Water Energy > Atta
apter 8: Water Shortage Contingency Planning - View Table List
Table 8-4 Wholesale: Minimum Supply Next Three Years
2016
2017
2018
Available Water Supply (AF)
94,252
105,027
105,027
NOTES
UWMP Table 8-14
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


- Castaic Lake Water Agency
System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments >
Chapter 10: Plan Adoption, Submittal, and Implementation - View Table List
Table 10-1 Wholesale: Notification to Cities and Counties
Supplier has notified more than 10 cities or counties in accordance with CWC 10621 (b) and 10642. Completion of the table below is not required. Provide a separate list of the cities and counties that were notified.
Provide the page or location of this list in the UWMP.
Supplier has notified 10 or fewer cities or counties. Complete the table below.
City Name
60 Day Notice
Notice of Public Hearing
Santa Clarita
County Name
60 Day Notice
Notice of Public Hearing
Los Angeles County
NOTES
UWMP Table 1-2 and Appendix E
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Tool - Castaic Lake Water Agency

Attachments

Attachment Requirements	
Attachment Type	**Requirement**
Contact Info Worksheet	Required for all UWMPs. Click here to download an Excel template.
Documentation of UWMP Adoption*	Required for all UWMPs.
Individual Urban Water Management Plan	Required for individual UWMPs. *Must be a searchable PDF.*
Regional Urban Water Management Plan	Required for regional UWMPs. *Must be a searchable PDF.*
Water Audit Reporting Worksheet	Required for all UWMPs.

** Documentation of UWMP Adoption may be an adoption resolution from the water supplier's governing body, a statement citing the date and location of the UWMP adoption by the water supplier's governing body, meeting minutes that include UWMP adoption by the governing body, or other similar documentation.*

Other attachments may be applicable. See the Attachment Type drop-down for a complete list of options.

List of Uploaded Attachments

Attachment Type	Description	Filename	File Size	
Water Audit Reporting Worksheet	CLWA Water Audit Reporting Worksheet	CLWA AWWA-M36 sf BMP 1415.xlsx	1845 KB	⊖
Contact Info Worksheet	CLWA 2015 UWMP Contact Info Worksheet	WUEdata - UWMP Contact Info_CLWA.xlsx	11 KB	⊖
Other	WUE Electronic Submittal Statement	CLWA WUE Electronic Submittal Statement.pdf	8 KB	⊖

Upload Attachments

FILE DESCRIPTION

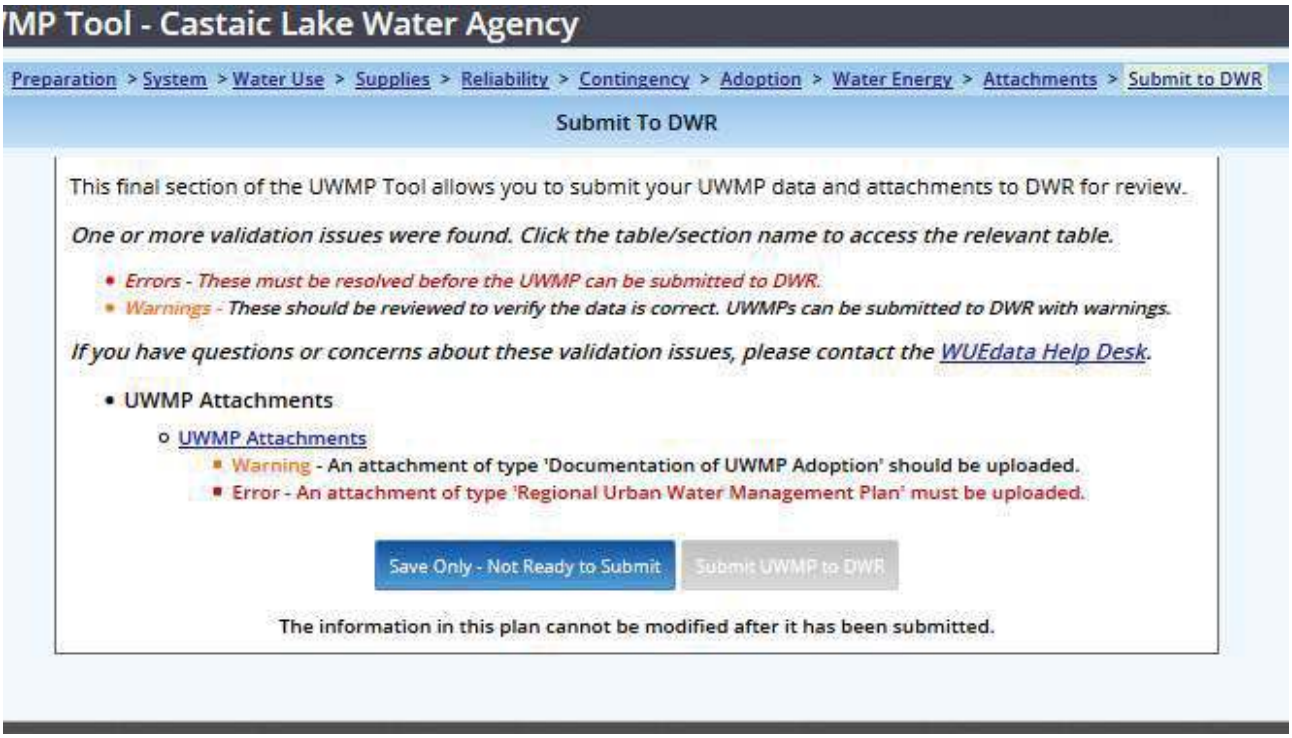
ATTACHMENT TYPE -- Select --

FILE PATH

Browse... No file selected.

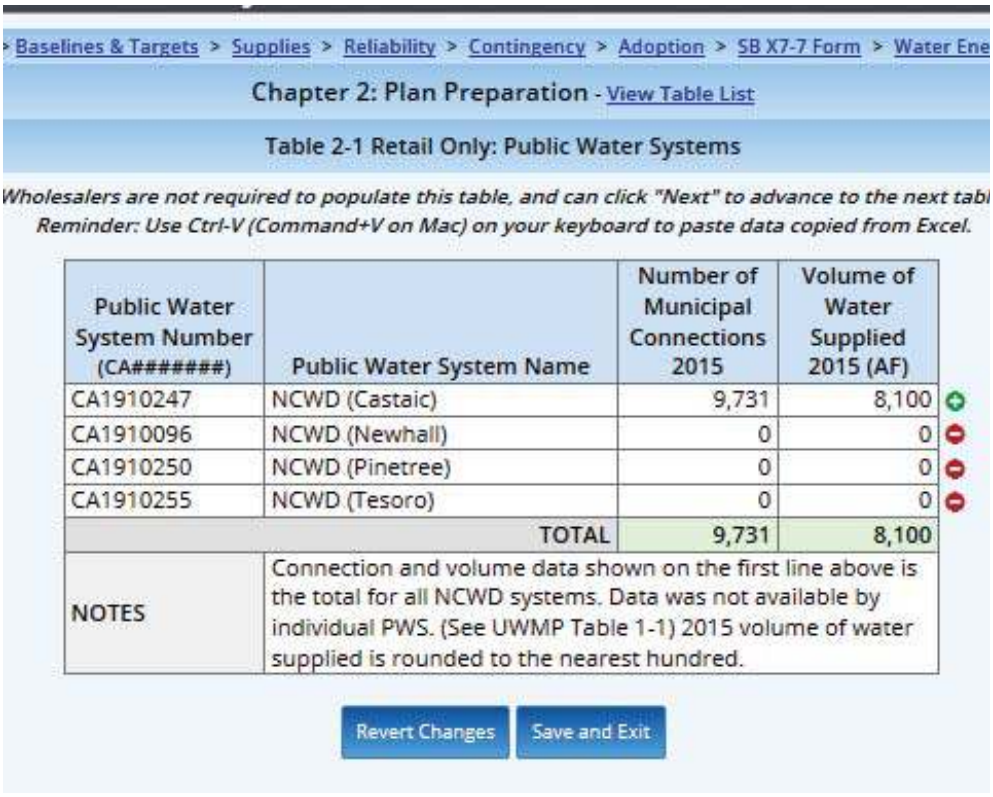
Upload Attachment

Revert Changes | Save and Exit


MP Tool - Castaic Lake Water Agency
Preparation > System > Water Use > Supplies > Reliability > Contingency > Adoption > Water Energy > Attachments > Submit to DWR
Submit To DWR
This final section of the UWMP Tool allows you to submit your UWMP data and attachments to DWR for review.
One or more validation issues were found. Click the table/section name to access the relevant table.
Errors - These must be resolved before the UWMP can be submitted to DWR.
Warnings - These should be reviewed to verify the data is correct. UWMPs can be submitted to DWR with warnings.
If you have questions or concerns about these validation issues, please contact the WUEdata Help Desk.
UWMP Attachments
UWMP Attachments
Warning - An attachment of type 'Documentation of UWMP Adoption' should be uploaded.
Error - An attachment of type 'Regional Urban Water Management Plan' must be uploaded.
Save Only - Not Ready to Submit
Submit UWMP to DWR
The information in this plan cannot be modified after it has been submitted.

Newhall County Water District

The information provided in the online WUEdata tables reflects data in the 2015 Santa Clarita Valley Urban Water Management Plan (UWMP) for the purpose of completing the online DWR WUEdata submittal. This submittal is not intended to be an electronic replica of the 2015 UWMP adopted by the Newhall County Water District Board of Directors on June 8, 2016. Nor does the Agency intend for this submittal to be an amendment, change or update to the 2015 UWMP.



> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Ene

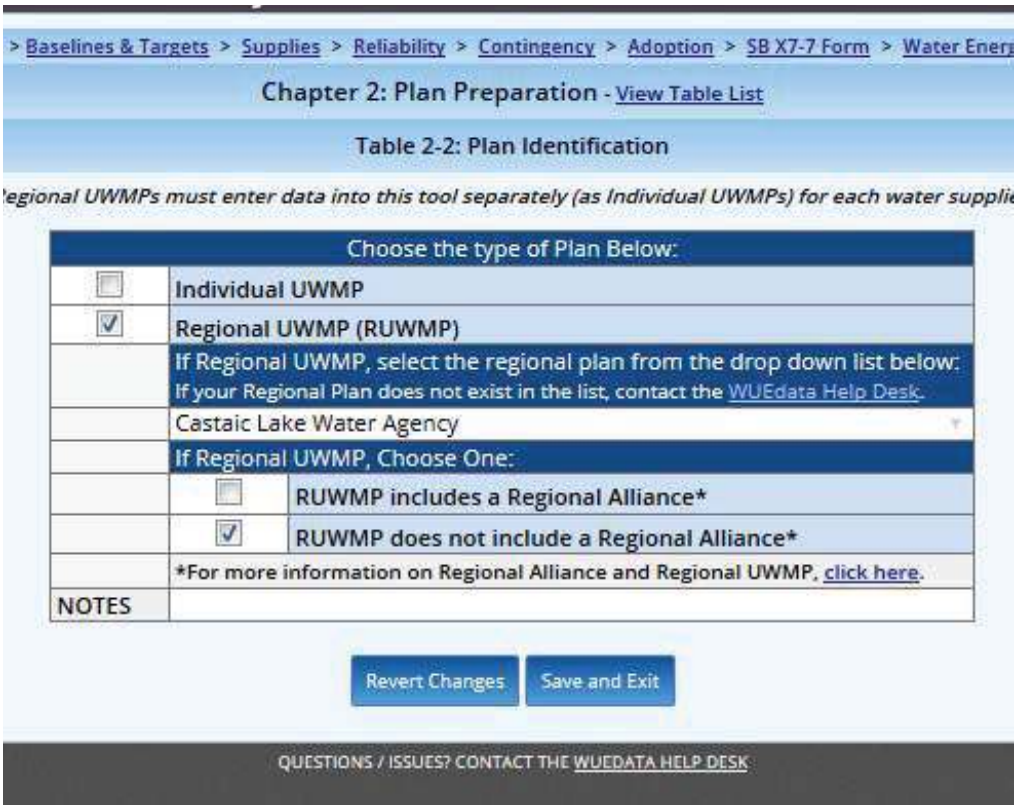
Chapter 2: Plan Preparation - View Table List

Table 2-1 Retail Only: Public Water Systems

Wholesalers are not required to populate this table, and can click "Next" to advance to the next tabl
Reminder: Use Ctrl-V (Command+V on Mac) on your keyboard to paste data copied from Excel.

Public Water System Number (CA#######)	Public Water System Name	Number of Municipal Connections 2015	Volume of Water Supplied 2015 (AF)
CA1910247	NCWD (Castaic)	9,731	8,100
CA1910096	NCWD (Newhall)	0	0
CA1910250	NCWD (Pinetree)	0	0
CA1910255	NCWD (Tesoro)	0	0
	TOTAL	9,731	8,100
NOTES	Connection and volume data shown on the first line above is the total for all NCWD systems. Data was not available by individual PWS. (See UWMP Table 1-1) 2015 volume of water supplied is rounded to the nearest hundred.		

Revert Changes | Save and Exit



> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Ener

Chapter 2: Plan Preparation - View Table List

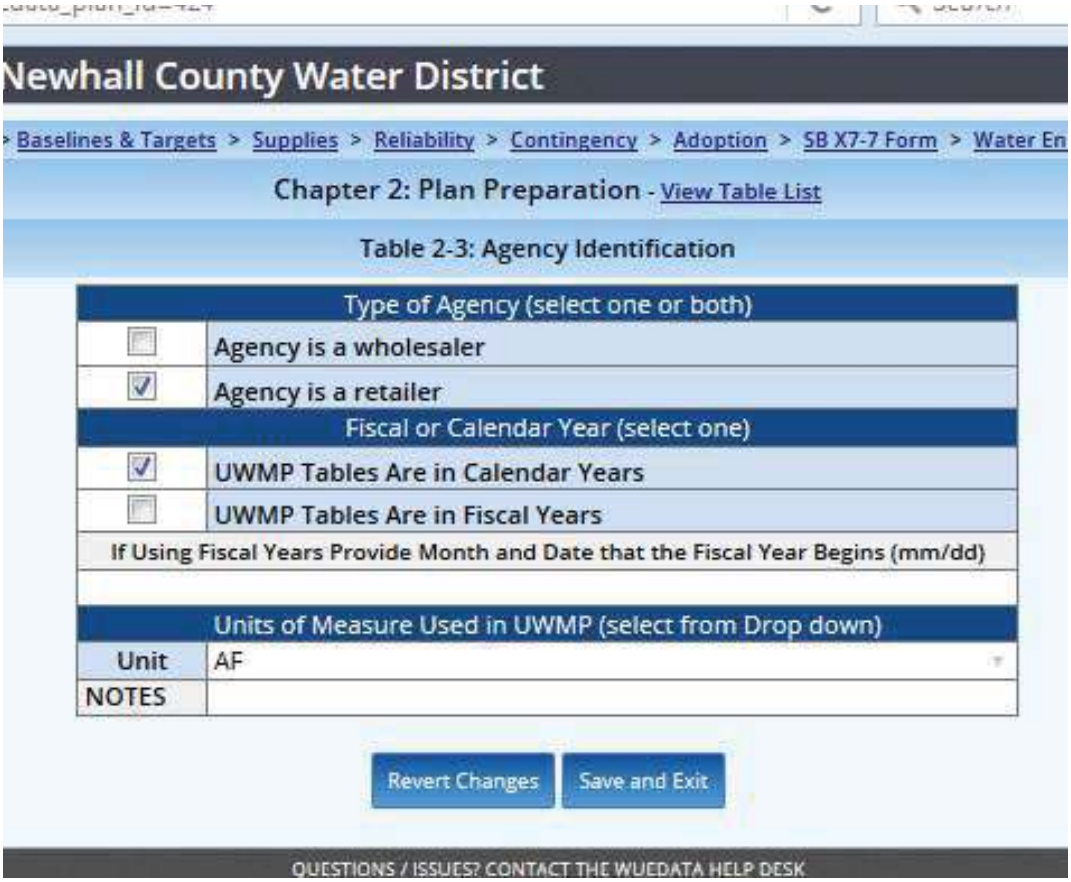
Table 2-2: Plan Identification

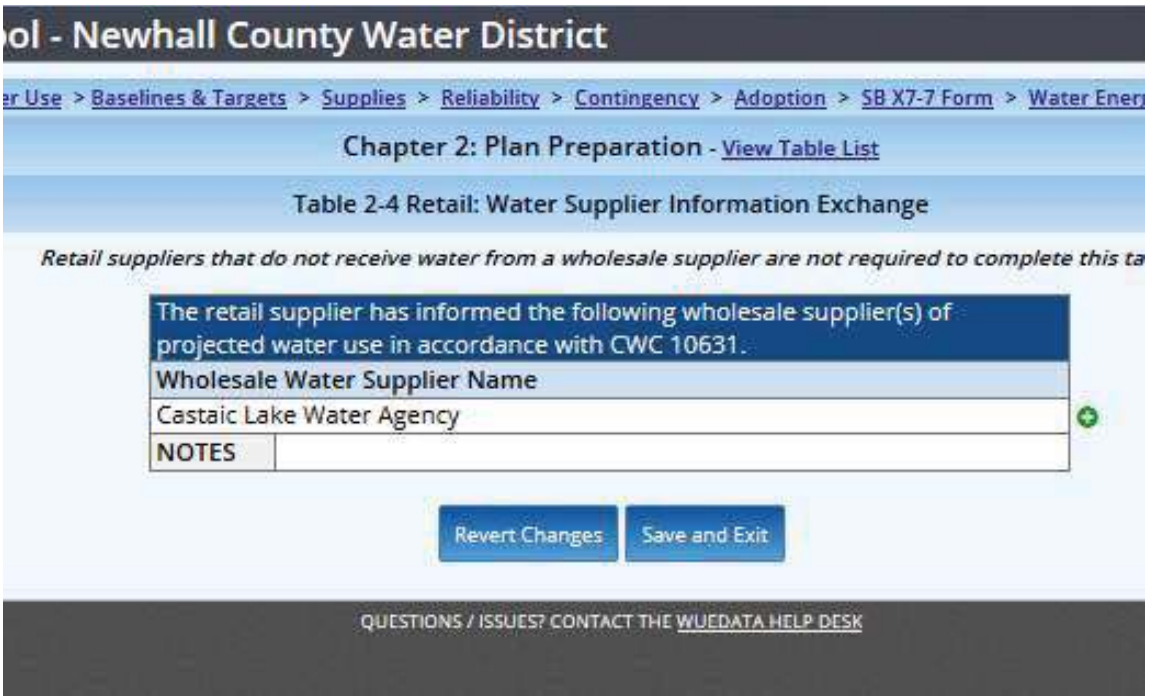
egional UWMPs must enter data into this tool separately (as Individual UWMPs) for each water supplie

Choose the type of Plan Below:	
☐	Individual UWMP
☑	Regional UWMP (RUWMP)
	If Regional UWMP, select the regional plan from the drop down list below: If your Regional Plan does not exist in the list, contact the WUEdata Help Desk.
	Castaic Lake Water Agency
	If Regional UWMP, Choose One:
☐	RUWMP includes a Regional Alliance*
☑	RUWMP does not include a Regional Alliance*
	*For more information on Regional Alliance and Regional UWMP, click here.
NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


Newhall County Water District
> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water En
Chapter 2: Plan Preparation - View Table List
Table 2-3: Agency Identification
Type of Agency (select one or both)
Agency is a wholesaler
Agency is a retailer
Fiscal or Calendar Year (select one)
UWMP Tables Are in Calendar Years
UWMP Tables Are in Fiscal Years
If Using Fiscal Years Provide Month and Date that the Fiscal Year Begins (mm/dd)
Units of Measure Used in UWMP (select from Drop down)
Unit
AF
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


ol - Newhall County Water District
er Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Ener
Chapter 2: Plan Preparation - View Table List
Table 2-4 Retail: Water Supplier Information Exchange
Retail suppliers that do not receive water from a wholesale supplier are not required to complete this ta
The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631.
Wholesale Water Supplier Name
Castaic Lake Water Agency
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

MP Tool - Newhall County Water District

em > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachm

Chapter 3: System Description - View Table List

Table 3-1 Retail: Population - Current and Projected

Projected population estimates shall be based upon data from the state, regional, or local service agency population projections
NOTE: Historical population estimates are reported for purposes of SB X7-7 in SB X7-7 Table 3.

	2015	2020	2025	2030	2035	2040 (opt)
Population Served	46,500	49,000	52,200	55,500	58,800	62,000
NOTES	UWMP Tables 2-12 and 2-13					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

ta - UWMP Tool - Newhall County Water District

ation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to

Chapter 4: System Water Use - View Table List

Table 4-1 Retail: Demands for Potable and Raw Water - Actual

	2015 Actual		
Use Type	Additional Description (as needed)	Level of Treatment When Delivered	Volume (AF)
Single Family		Drinking Water	4,232
Multi-Family		Drinking Water	1,216
Commercial		Drinking Water	405
Industrial		Drinking Water	9
Institutional/Governmental		Drinking Water	269
Landscape	Irrigation	Drinking Water	1,164
Other		Drinking Water	172
Other	Non-Revenue Water	Drinking Water	625
TOTAL			8,092
NOTES	UWMP Table 2-4. Non-Revenue Water may include unbilled authorized consumption and system water losses.		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

ata - UWMP Tool - Newhall County Water District

aration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D

Chapter 4: System Water Use - View Table List

Table 4-2 Retail: Demands for Potable and Raw Water - Projected

Use Type	Additional Description (as needed)	Projected Water Use Report to the Extent that Records are Available				
		2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040-opt (AF)
Single Family		5,200	5,500	5,800	6,100	6,500
Multi-Family		1,400	1,300	1,300	1,300	1,300
Commercial		400	500	600	600	700
Industrial		300	300	300	300	300
Institutional/Governmental		100	100	100	100	100
Landscape	Irrigation	2,100	1,951	2,051	2,251	2,551
Other		0	100	100	100	100
Other	Non-Revenue Water	600	700	700	800	800
TOTAL		10,100	10,451	10,951	11,551	12,351
NOTES	UWMP Table 2-4, less recycled water projections from UWMP Table 4-3 (Standardized Tables 6-4). Recycled water projections were deducted from Landscape based on projected use. Non-Revenue Water may include unbilled authorized consumption and system water losses.					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

MP Tool - Newhall County Water District

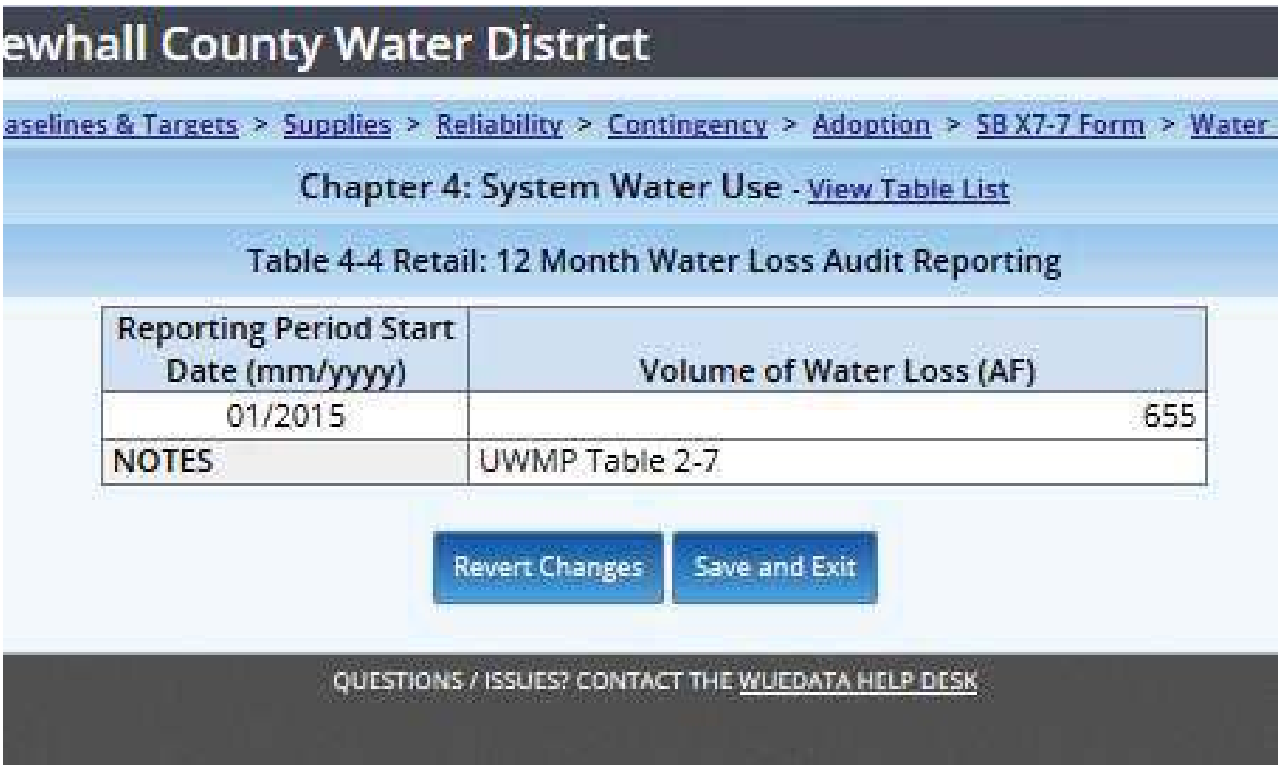
tem > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments >

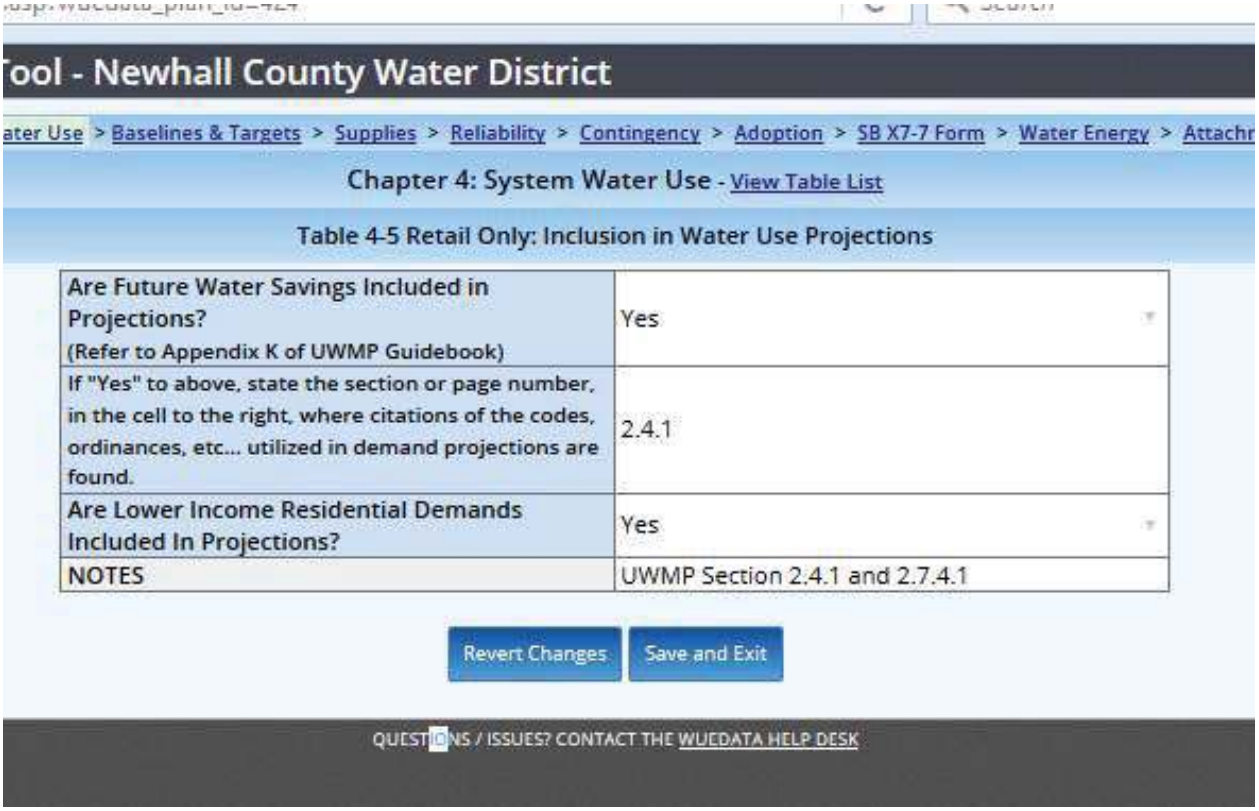
Chapter 4: System Water Use - View Table List

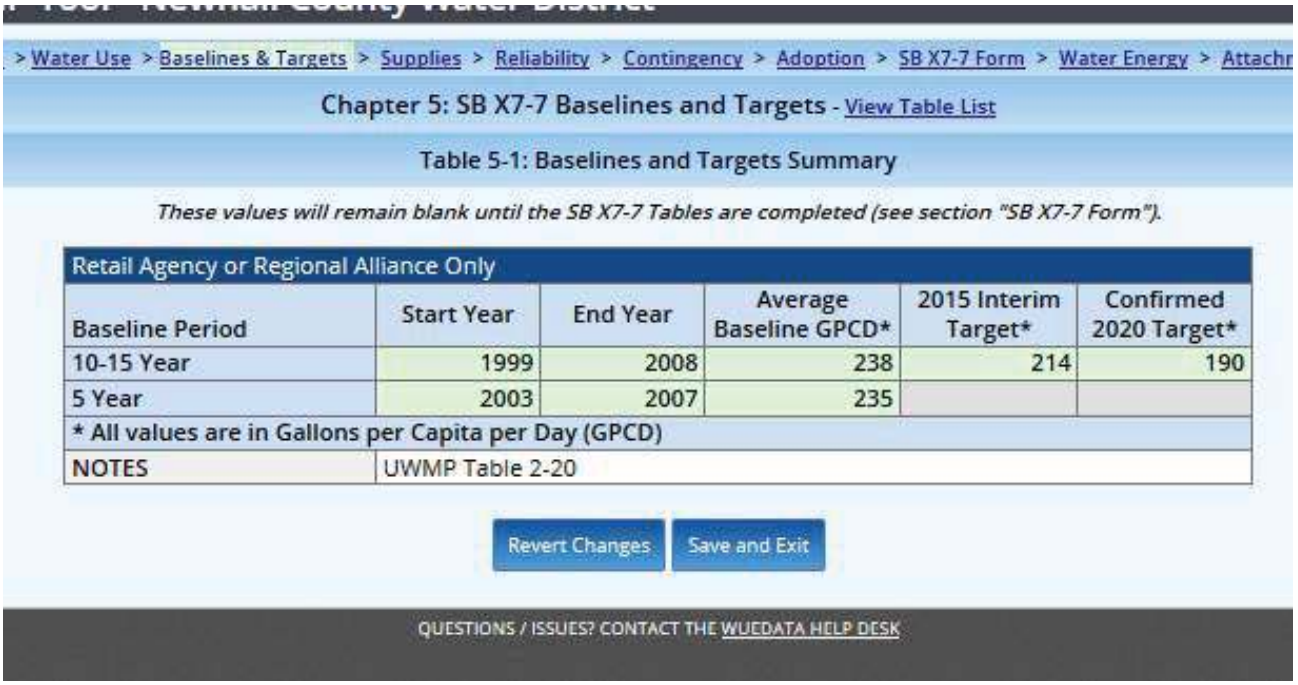
Table 4-3 Retail: Total Water Demands

	2015 (AF)	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Potable and Raw Water *From Tables 4-1 and 4-2*	8,092	10,100	10,451	10,951	11,551	12,351
Recycled Water Demand* *From Table 6-4*	0	0	249	249	249	249
TOTAL	8,092	10,100	10,700	11,200	11,800	12,600
*Recycled water demand fields will be blank until Table 6-4 is complete.						
NOTES	UWMP Tables 2-4 and 4-3					

Revert Changes | Save and Exit


ewhall County Water District
aselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water
Chapter 4: System Water Use - View Table List
Table 4-4 Retail: 12 Month Water Loss Audit Reporting
Reporting Period Start Date (mm/yyyy)
Volume of Water Loss (AF)
01/2015
655
NOTES
UWMP Table 2-7
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


ool - Newhall County Water District
ater Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachr
Chapter 4: System Water Use - View Table List
Table 4-5 Retail Only: Inclusion in Water Use Projections
Are Future Water Savings Included in Projections?
(Refer to Appendix K of UWMP Guidebook)
Yes
If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, etc... utilized in demand projections are found.
2.4.1
Are Lower Income Residential Demands Included In Projections?
Yes
NOTES
UWMP Section 2.4.1 and 2.7.4.1
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



> Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachr

Chapter 5: SB X7-7 Baselines and Targets - View Table List

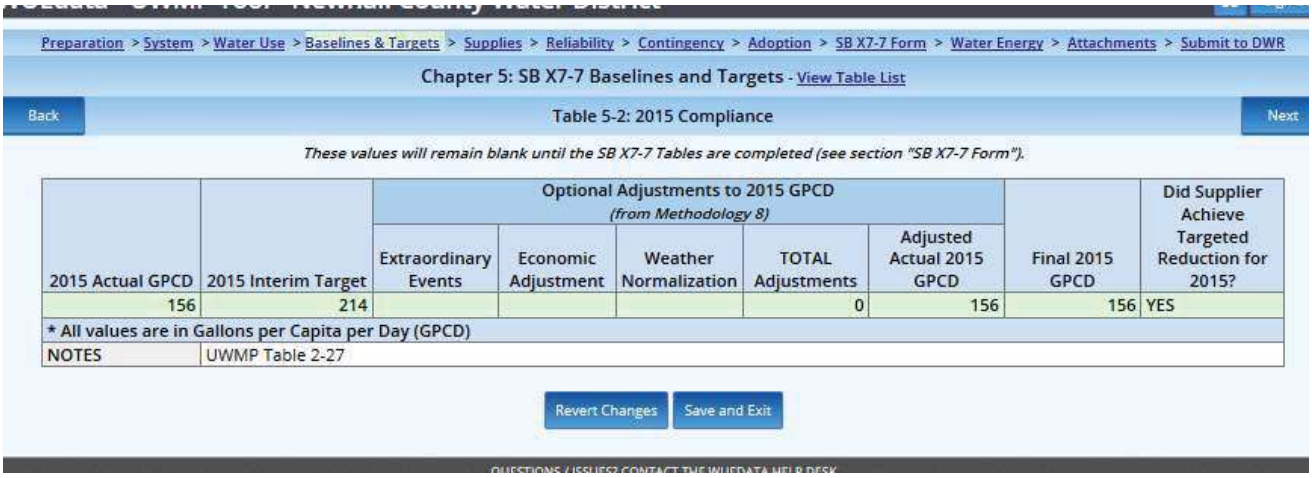
Table 5-1: Baselines and Targets Summary

These values will remain blank until the SB X7-7 Tables are completed (see section "SB X7-7 Form").

Retail Agency or Regional Alliance Only					
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target*	Confirmed 2020 Target*
10-15 Year	1999	2008	238	214	190
5 Year	2003	2007	235		
* All values are in Gallons per Capita per Day (GPCD)					
NOTES	UWMP Table 2-20				

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DWR

Chapter 5: SB X7-7 Baselines and Targets - View Table List

Back | Table 5-2: 2015 Compliance | Next

These values will remain blank until the SB X7-7 Tables are completed (see section "SB X7-7 Form").

		Optional Adjustments to 2015 GPCD *(from Methodology 8)*						
2015 Actual GPCD	2015 Interim Target	Extraordinary Events	Economic Adjustment	Weather Normalization	TOTAL Adjustments	Adjusted Actual 2015 GPCD	Final 2015 GPCD	Did Supplier Achieve Targeted Reduction for 2015?
156	214				0	156	156	YES
* All values are in Gallons per Capita per Day (GPCD)								
NOTES	UWMP Table 2-27							

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Chapter 6: System Supplies - View Table List

Table 6-1 Retail: Groundwater Volume Pumped

☐	Supplier does not pump groundwater. The supplier will not complete the table below.					
Groundwater Type	Location or Basin Name	2011 (AF)	2012 (AF)	2013 (AF)	2014 (AF)	2015 (AF)
Alluvial Basin	Alluvium	3,216	2,631	1,405	1,383	1,131
Alluvial Basin	Saugus Formation	4,389	4,081	3,835	3,849	3,697
TOTAL		7,605	6,712	5,240	5,232	4,828
NOTES	UWMP Table 3-6					

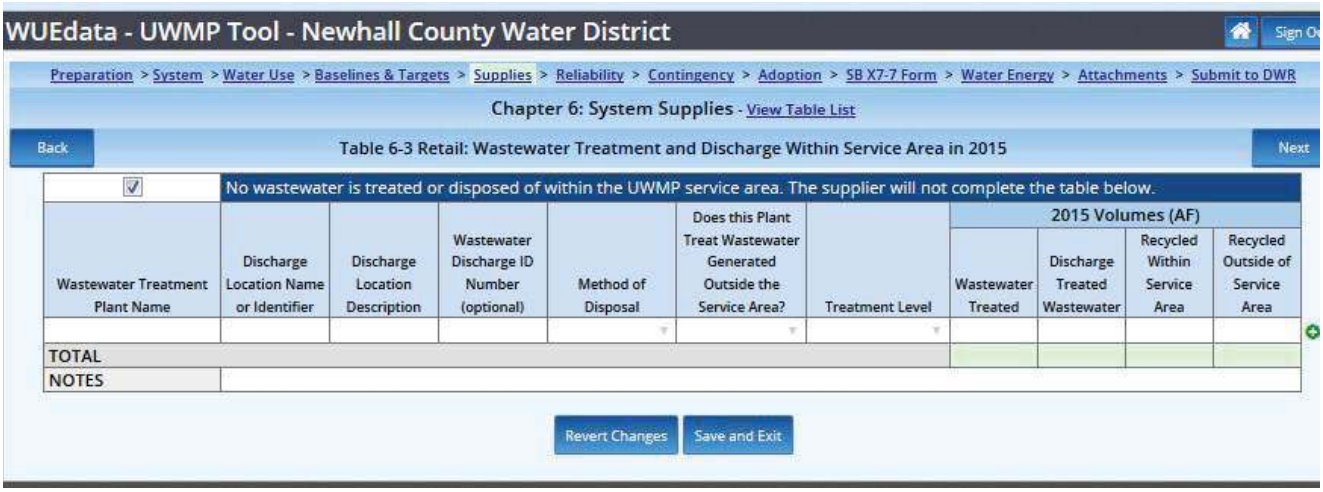
Revert Changes | Save and Exit

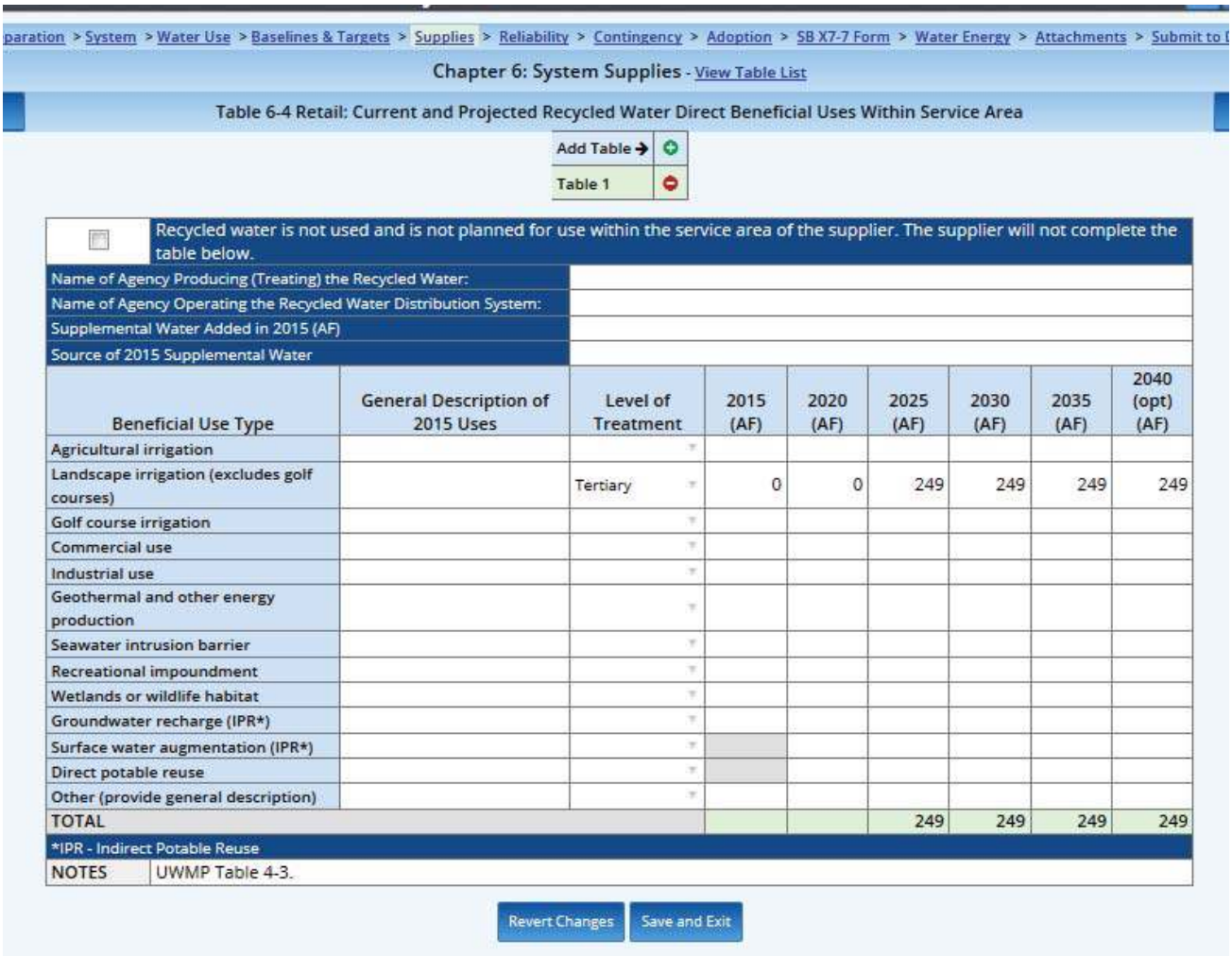
Chapter 6: System Supplies - View Table List

Table 6-2 Retail: Wastewater Collected Within Service Area in 2015

☐	There is no wastewater collection system. The supplier will not complete the table below.					
	Percentage of 2015 service area covered by wastewater collection system (optional)					
	Percentage of 2015 service area population covered by wastewater collection system (optional)					
Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated?	Volume of Wastewater Collected from UWMP Service Area 2015 (AF)	Name of Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is Wastewater Treatment Plant Located Within UWMP Area?	Is Wastewater Treatment Plant Operation Contracted to a Third Party? (Optional)
Santa Clarita Valley Sanitation District	Metered	15,460	Santa Clarita Valley Sanitation District	Valencia WRP	Yes	
Santa Clarita Valley Sanitation District	Metered	6,160	Santa Clarita Valley Sanitation District	Saugus WRP	Yes	
TOTAL		21,620				
NOTES	Volume of Wastewater Collected reflects total volume collected by the listed wastewater collection agencies within the Santa Clarita Valley. Wastewater volumes by purveyor service area were not available. Section 4.2; 2014 data assumed for 2015.					

Revert Changes | Save and Exit


WUEdata - UWMP Tool - Newhall County Water District
Sign Out
Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DWR
Chapter 6: System Supplies - View Table List
Back
Table 6-3 Retail: Wastewater Treatment and Discharge Within Service Area in 2015
Next
No wastewater is treated or disposed of within the UWMP service area. The supplier will not complete the table below.
Wastewater Treatment Plant Name
Discharge Location Name or Identifier
Discharge Location Description
Wastewater Discharge ID Number (optional)
Method of Disposal
Does this Plant Treat Wastewater Generated Outside the Service Area?
Treatment Level
2015 Volumes (AF)
Wastewater Treated
Discharge Treated Wastewater
Recycled Within Service Area
Recycled Outside of Service Area
TOTAL
NOTES
Revert Changes
Save and Exit


paration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D
Chapter 6: System Supplies - View Table List
Table 6-4 Retail: Current and Projected Recycled Water Direct Beneficial Uses Within Service Area
Add Table
Table 1
Recycled water is not used and is not planned for use within the service area of the supplier. The supplier will not complete the table below.
Name of Agency Producing (Treating) the Recycled Water:
Name of Agency Operating the Recycled Water Distribution System:
Supplemental Water Added in 2015 (AF)
Source of 2015 Supplemental Water
Beneficial Use Type
General Description of 2015 Uses
Level of Treatment
2015 (AF)
2020 (AF)
2025 (AF)
2030 (AF)
2035 (AF)
2040 (opt) (AF)
Agricultural irrigation
Landscape irrigation (excludes golf courses)
Tertiary
0
0
249
249
249
249
Golf course irrigation
Commercial use
Industrial use
Geothermal and other energy production
Seawater intrusion barrier
Recreational impoundment
Wetlands or wildlife habitat
Groundwater recharge (IPR*)
Surface water augmentation (IPR*)
Direct potable reuse
Other (provide general description)
TOTAL
249
249
249
249
*IPR - Indirect Potable Reuse
NOTES
UWMP Table 4-3.
Revert Changes
Save and Exit

Chapter 6: System Supplies - View Table List

Table 6-5 Retail: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual

	Recycled water was neither used in 2010 nor projected for use in 2015. The supplier will not complete the table below.		
Use Type		2010 Projections for 2015 (AF)	2015 Actual Use (AF)
Agricultural irrigation			
Landscape irrigation (exc golf courses)		200	0
Golf course irrigation			
Commercial use			
Industrial use			
Geothermal and other energy production			
Seawater intrusion barrier			
Recreational impoundment			
Wetlands or wildlife habitat			
Groundwater recharge (IPR)			
Surface water augmentation (IPR)			
Direct potable reuse			
Other	Type of Use		
TOTAL		200	
NOTES			

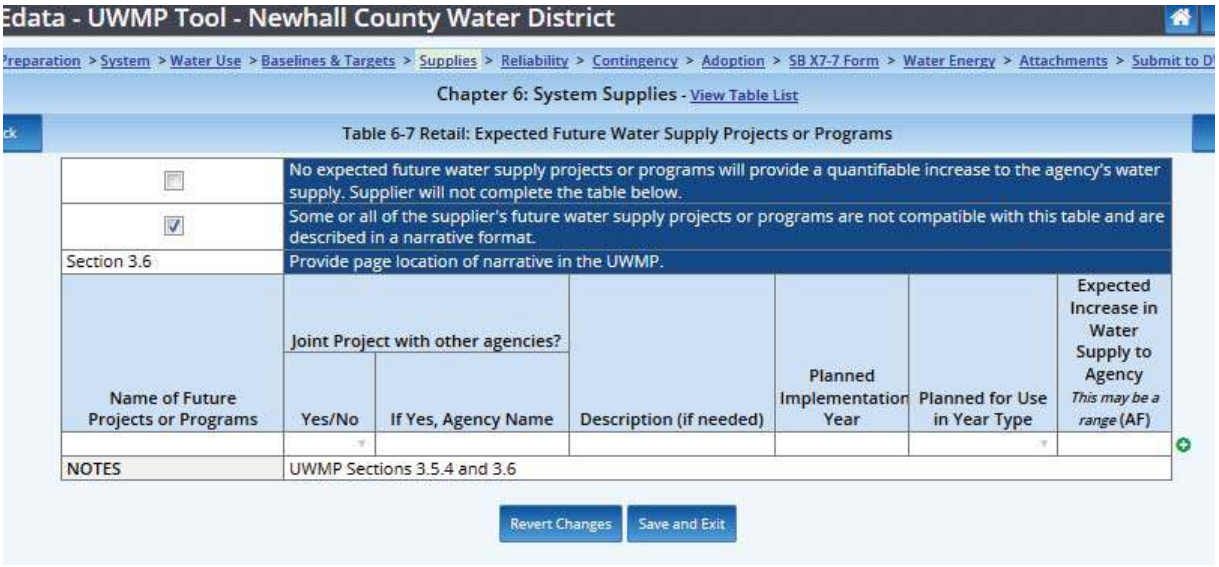
Revert Changes | Save and Exit

Chapter 6: System Supplies - View Table List

Table 6-6 Retail: Methods to Expand Future Recycled Water Use

	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.		
	Provide page location of narrative in UWMP.		
Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use (AF)
Infrastructure Expansion, new development	Supplies projected to be available starting in 2025	2025	249
TOTAL			249
NOTES	UWMP Table 4-3 and Section 4.6.		

Revert Changes | Save and Exit



Edata - UWMP Tool - Newhall County Water District

Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D

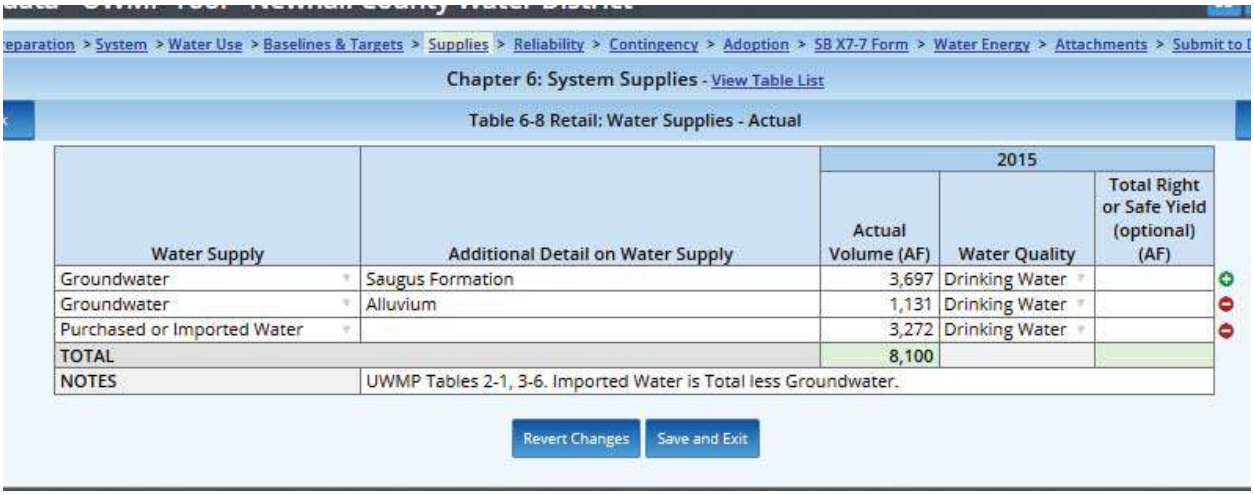
Chapter 6: System Supplies - View Table List

Table 6-7 Retail: Expected Future Water Supply Projects or Programs

☐	No expected future water supply projects or programs will provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.
☑	Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.
Section 3.6	Provide page location of narrative in the UWMP.

Name of Future Projects or Programs	Joint Project with other agencies?		Description (if needed)	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Agency *This may be a range* (AF)
	Yes/No	If Yes, Agency Name				
NOTES	UWMP Sections 3.5.4 and 3.6					

Revert Changes | Save and Exit



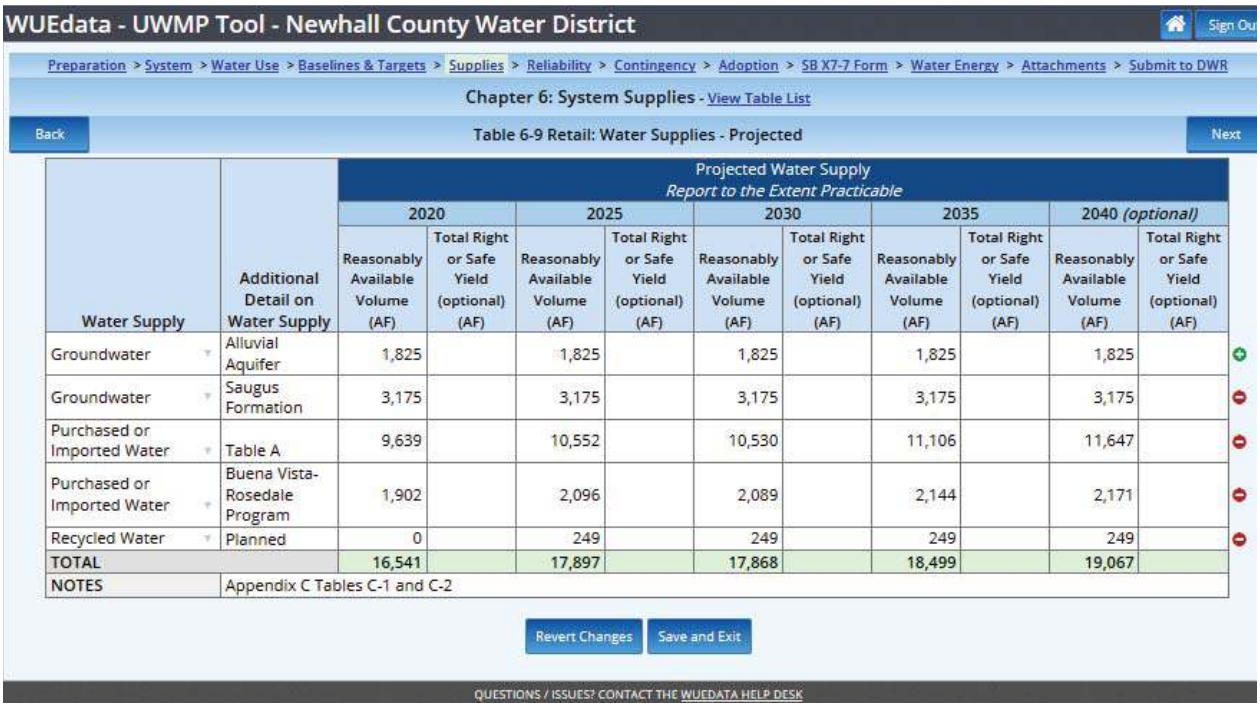
Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to

Chapter 6: System Supplies - View Table List

Table 6-8 Retail: Water Supplies - Actual

Water Supply	Additional Detail on Water Supply	2015		
		Actual Volume (AF)	Water Quality	Total Right or Safe Yield (optional) (AF)
Groundwater	Saugus Formation	3,697	Drinking Water	
Groundwater	Alluvium	1,131	Drinking Water	
Purchased or Imported Water		3,272	Drinking Water	
TOTAL		8,100		
NOTES	UWMP Tables 2-1, 3-6. Imported Water is Total less Groundwater.			

Revert Changes | Save and Exit


WUEdata - UWMP Tool - Newhall County Water District
Sign Ou
Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DWR
Chapter 6: System Supplies - View Table List
Back
Table 6-9 Retail: Water Supplies - Projected
Next
Projected Water Supply
Report to the Extent Practicable
2020
2025
2030
2035
2040 (optional)
Water Supply
Additional Detail on Water Supply
Reasonably Available Volume (AF)
Total Right or Safe Yield (optional) (AF)
Groundwater
Alluvial Aquifer
1,825
1,825
1,825
1,825
1,825
Groundwater
Saugus Formation
3,175
3,175
3,175
3,175
3,175
Purchased or Imported Water
Table A
9,639
10,552
10,530
11,106
11,647
Purchased or Imported Water
Buena Vista-Rosedale Program
1,902
2,096
2,089
2,144
2,171
Recycled Water
Planned
0
249
249
249
249
TOTAL
16,541
17,897
17,868
18,499
19,067
NOTES
Appendix C Tables C-1 and C-2
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

WMP Tool - Newhall County Water District

ystem > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments >

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-1 Retail: Basis of Water Year Data

One Table for All Water Sources (Switch to Multiple Tables)

Year Type	Base Year (If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 1999-2000, use 2000)	Available Supplies if Year Type Repeats	
		☑	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP.
		Section 6.4	Provide the page or location in the UWMP.
		☐	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available (AF)	% of Average Supply
Average Year	2003		100%
Single-Dry Year	1977		
Multiple-Dry Years 1st Year	1931		
Multiple-Dry Years 2nd Year	1932		
Multiple-Dry Years 3rd Year	1933		
Multiple-Dry Years 4th Year (Optional)	1934		
Multiple-Dry Years 5th Year (Optional)			
Multiple-Dry Years 6th Year (Optional)			

Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of the Table 7-1 are being used and identify the particular water source that is being reported in each table.

NOTES	Base year discussion and supply quantification can be found in UWMP Section 6.4 and Appendix C.

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy >

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-2 Retail: Normal Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals (autofill from Table 6-9)	16,541	17,897	17,868	18,499	19,067
Demand totals (autofill from Table 4-3)	10,100	10,700	11,200	11,800	12,600
Difference	6,441	7,197	6,668	6,699	6,467
NOTES					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-3 Retail: Single Dry Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals	14,205	15,268	16,864	17,284	17,641
Demand totals	11,110	11,770	12,320	12,980	13,860
Difference	3,095	3,498	4,544	4,304	3,781
NOTES	Appendix C Tables C-5 and C-6.				

Revert Changes | Save and Exit

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison

		2020	2025	2030	2035	2040 (opt)
First Year	Supply totals (AF)	14,449	15,628	17,142	18,175	19,268
	Demand totals (AF)	11,110	11,770	12,320	12,980	13,860
	Difference (AF)	3,339	3,858	4,822	5,195	5,408
Second Year	Supply totals (AF)	14,449	15,628	17,142	18,175	19,268
	Demand totals (AF)	11,110	11,770	12,320	12,980	13,860
	Difference (AF)	3,339	3,858	4,822	5,195	5,408
Third Year	Supply totals (AF)	14,449	15,628	17,142	18,175	19,268
	Demand totals (AF)	11,110	11,770	12,320	12,980	13,860
	Difference (AF)	3,339	3,858	4,822	5,195	5,408
Fourth year *(optional)*	Supply totals (AF)	14,449	15,628	17,142	18,175	19,268
	Demand totals (AF)	11,110	11,770	12,320	12,980	13,860
	Difference (AF)	3,339	3,858	4,822	5,195	5,408
Fifth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
Sixth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
NOTES	Data from UWMP Appendix C Tables C-8 and C-9. For purposes of Table 7-4 above, supplies and demands are assumed to be the same for each year of the multiple dry-year period. Projections for a three-year dry period are found in Appendix C, Tables C-8B and C-9B.					

Revert Changes | Save and Exit

l - Newhall County Water District

Chapter 8: Water Shortage Contingency Planning - View Table List

Table 8-1 Retail: Stages of Water Shortage Contingency Plan

A minimum of two stages must be entered.

Stage	Complete Both	
	Percent Supply Reduction*	Water Supply Condition *(Narrative description)*
1	10-20%	Up to 20%
2	20-30%	20-30%
3	30-40%	30-40%
4	40-50%	40-50%
5	More than 50%	More than 50%
*One stage in the Water Shortage Contingency Plan must address a water shortage of 50%		
NOTES	UWMP Table 8-3	

Revert Changes | Save and Exit

Chapter 8: Water Shortage Contingency Planning - View Table List

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses

A minimum of two stages must be entered.

Stage *(as designated in Table 8-1)*	Restrictions and Prohibitions on End Users	Additional Explanation or Reference *(optional)*	Penalty, Charge, or Other Enforcement?
All Stages	Landscape - Restrict or prohibit runoff from landscape irrigation		Yes
All Stages	Other - Require automatic shut of hoses	The use of a hose that dispenses potable water to wash a motor vehicle, except where the hose is fitted with a shut-off nozzle or device attached to it to cause it to cease dispensing water immediately when not in use.	Yes
All Stages	Other - Prohibit use of potable water for washing hard surfaces	Driveways and sidewalks	Yes
All Stages	Water Features - Restrict water use for decorative water features, such as fountains	The use of potable water in a fountain or other decorative water feature, except where the water is part of a re-circulating system.	Yes
All Stages	Landscape - Limit landscape irrigation to specific days	During the months of April, May, June, July, August, September and October, irrigation restricted to 3 days. Days depend on street addresses.	Yes
All Stages	Landscape - Limit landscape irrigation to specific days	During the months of November, December, January, February and March, irrigation restricted to 2 days. Days depend on street addresses.	Yes
All Stages	Landscape - Other landscape restriction or prohibition	The application of potable water to outdoor landscape during and within 48 hours after measurable rainfall	Yes
All Stages	Landscape - Other landscape restriction or prohibition	The irrigation with potable water of ornamental turf on public street medians	Yes
All Stages	Landscape - Other landscape restriction or prohibition	The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development	Yes
All Stages	CII - Lodging establishment must offer opt out of linen service		Yes
All Stages	CII - Restaurants may only serve water upon request		Yes
NOTES	UWMP Table 8-7		

Revert Changes | Save and Exit

aration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D

Chapter 8: Water Shortage Contingency Planning - View Table List

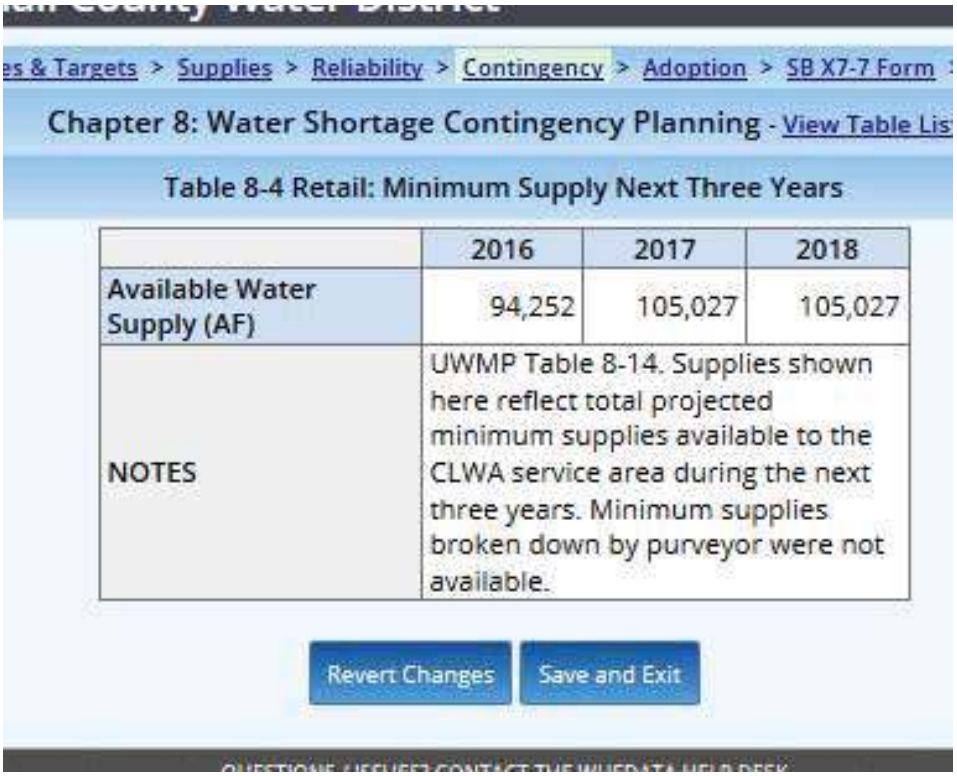
Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods

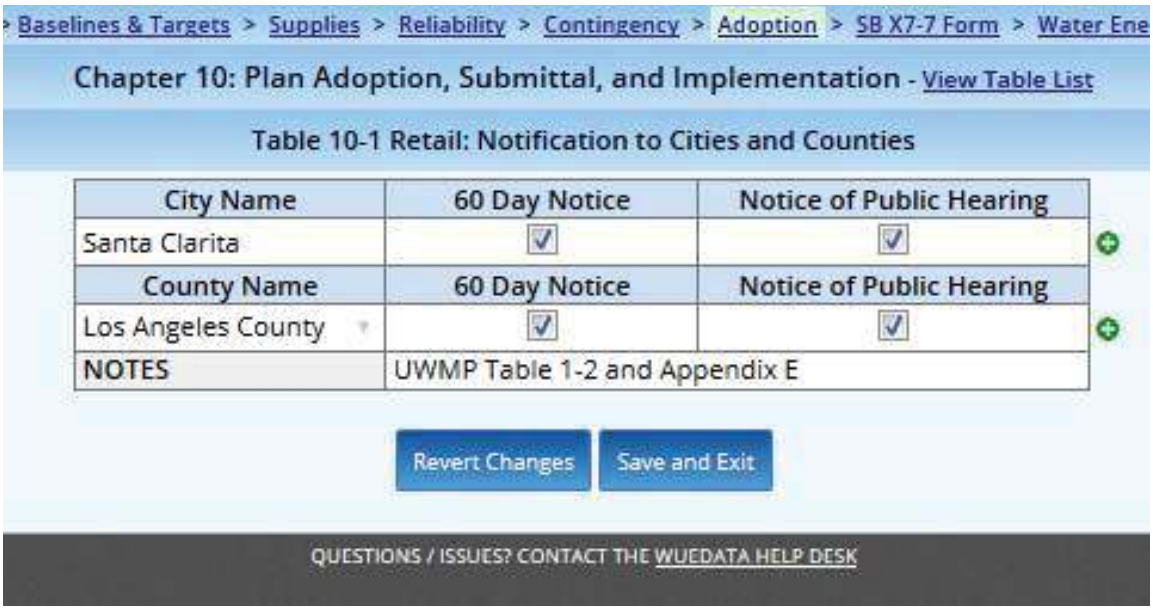
A minimum of two stages must be entered.

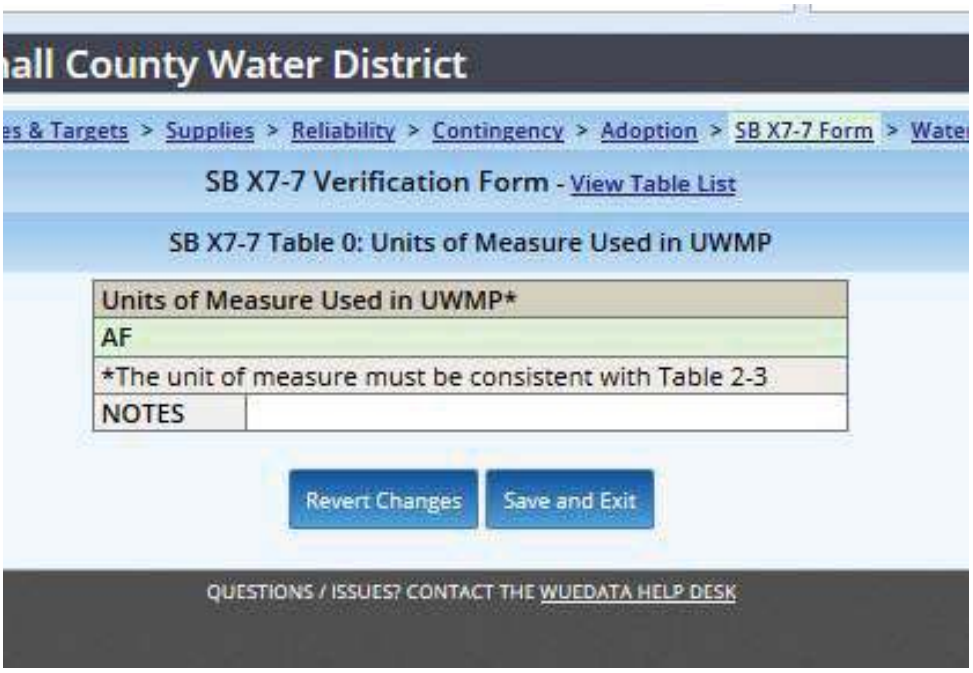
Stage *(as designated in Table 8-1)*	Consumption Reduction Methods by Water Supplier	Additional Explanation or Reference *(optional)*
All Stages	Other	Consumption limits will be set for each customer type, based on percentage reduction according to stages. For residential uses, a combination of per-capita and percentage reduction will be implemented.
All Stages	Moratorium or Net Zero Demand Increase on New Connections	A recommendation will be made to City and County building departments to delay issuance of building permits until mandatory rationing is rescinded.
All Stages	Other	Limitations on water used for water features will be based on severity of water shortage.
NOTES	UWMP Section 8.6	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK




Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Ene
Chapter 10: Plan Adoption, Submittal, and Implementation - View Table List
Table 10-1 Retail: Notification to Cities and Counties
City Name
60 Day Notice
Notice of Public Hearing
Santa Clarita
County Name
60 Day Notice
Notice of Public Hearing
Los Angeles County
NOTES
UWMP Table 1-2 and Appendix E
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

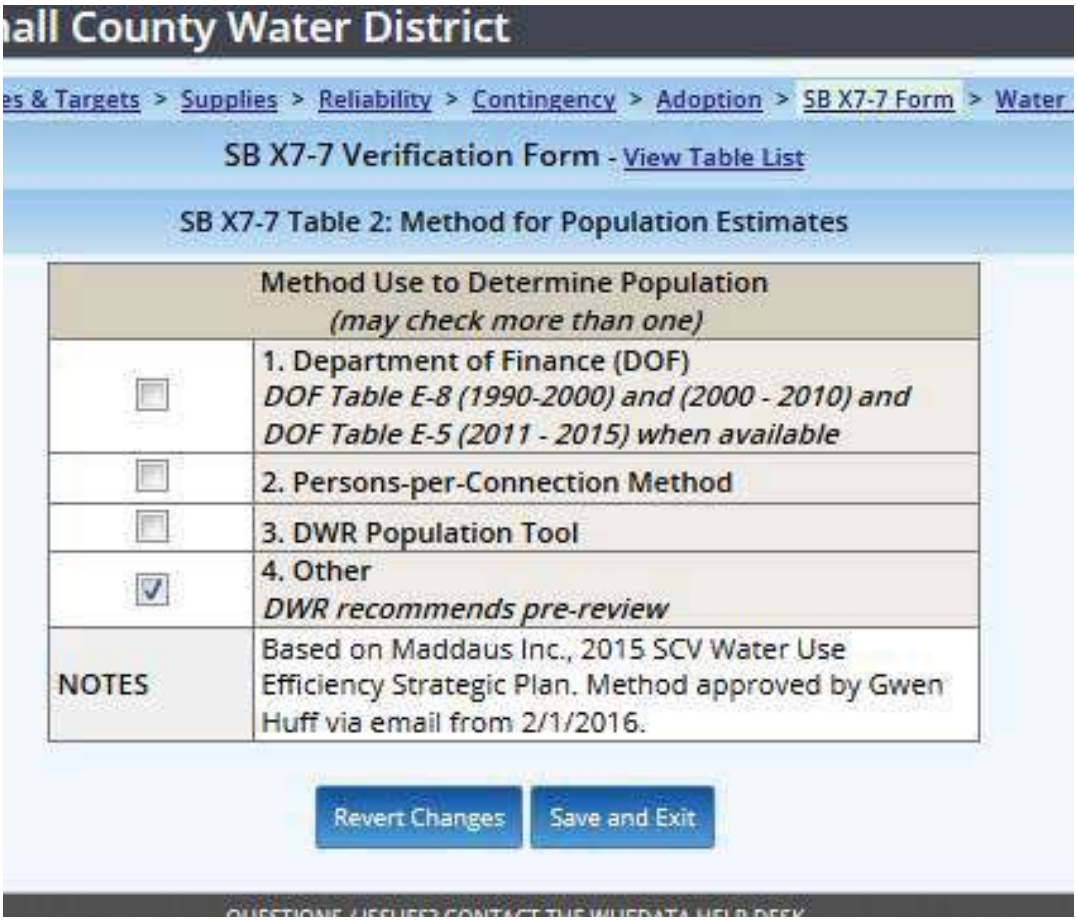

all County Water District
es & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Wate
SB X7-7 Verification Form - View Table List
SB X7-7 Table 0: Units of Measure Used in UWMP
Units of Measure Used in UWMP*
AF
*The unit of measure must be consistent with Table 2-3
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

SB X7-7 Verification Form - View Table List

SB X7-7 Table 1: Baseline Period Ranges

Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	11,339	AF
	2008 total volume of delivered recycled water	0	AF
	2008 recycled water as a percent of total deliveries	0	percent
	Number of years in baseline period[1, 2]	10	years
	Year beginning baseline period range	1999	
	Year ending baseline period range[3]	2008	
5-year baseline period	Number of year in baseline period	5	years
	Year beginning baseline period range	2003	
	Year ending baseline period range[4]	2007	
[1] If the 2008 recycled water percent is less than 10 percent, then the first baseline period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first baseline period is a continuous 10- to 15-year period.			
[2] The Water Code requires that the baseline period is between 10 and 15 years. However, DWR recognizes that some water suppliers may not have the minimum 10 years of baseline data.			
[3] The ending year must be between December 31, 2004 and December 31, 2010.			
[4] The ending year must be between December 31, 2007 and December 31, 2010.			
NOTES			

Revert Changes | Save and Exit


all County Water District
es & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water
SB X7-7 Verification Form - View Table List
SB X7-7 Table 2: Method for Population Estimates
Method Use to Determine Population
(may check more than one)
1. Department of Finance (DOF)
DOF Table E-8 (1990-2000) and (2000 - 2010) and
DOF Table E-5 (2011 - 2015) when available
2. Persons-per-Connection Method
3. DWR Population Tool
4. Other
DWR recommends pre-review
NOTES
Based on Maddaus Inc., 2015 SCV Water Use Efficiency Strategic Plan. Method approved by Gwen Huff via email from 2/1/2016.
Revert Changes
Save and Exit

unty Water District

ts > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form

SB X7-7 Verification Form - View Table List

SB X7-7 Table 3: Service Area Population

Year		Population
10 to 15 Year Baseline Population		
Year 1	1999	34,482
Year 2	2000	34,859
Year 3	2001	35,783
Year 4	2002	37,371
Year 5	2003	39,169
Year 6	2004	41,886
Year 7	2005	43,127
Year 8	2006	43,751
Year 9	2007	44,365
Year 10	2008	44,595
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1	2003	39,169
Year 2	2004	41,886
Year 3	2005	43,127
Year 4	2006	43,751
Year 5	2007	44,365
2015 Compliance Year Population		
2015		46,500
NOTES	UWMP Tables 2-12 and 2-16	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4: Annual Gross Water Use

	Baseline Year *Fm SB X7-7 Table 3*	Volume Into Distribution System *(this column will remain blank until SB X7-7 Table 4-A is completed)* (AF)	Deductions					Annual Gross Water Use (AF)
			Exported Water (AF)	Change in Dist. System Storage (+/-) (AF)	Indirect Recycled Water *(this column will remain blank until SB X7-7 Table 4-B is completed)* (AF)	Water Delivered for Agricultural Use (AF)	Process Water *(from SB X7-7 Table 4-D)* (AF)	
10 to 15 Year Baseline - Gross Water Use								
Year 1	1999	9,348			0			9,348
Year 2	2000	9,718			0			9,718
Year 3	2001	9,525			0			9,525
Year 4	2002	10,362			0			10,362
Year 5	2003	10,351			0			10,351
Year 6	2004	11,217			0			11,217
Year 7	2005	10,756			0			10,756
Year 8	2006	11,470			0			11,470
Year 9	2007	11,975			0			11,975
Year 10	2008	11,340			0			11,340
Year 11					0			
Year 12					0			
Year 13					0			
Year 14					0			
Year 15					0			
10 - 15 year baseline average gross water use								10,606
5 Year Baseline - Gross Water Use								
Year 1	2003	10,351			0			10,351
Year 2	2004	11,217			0			11,217
Year 3	2005	10,756			0			10,756
Year 4	2006	11,470			0			11,470
Year 5	2007	11,975			0			11,975
5 year baseline average gross water use								11,154
2015 Compliance Year - Gross Water Use								
2015		8,100			0			8,100
* NOTE that the units of measure must remain consistent throught the UWMP, as reported in Table 2-3								
NOTES								

Revert Changes | Save and Exit

Newhall County Water District

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below
Add Water Source →
Alluvial Aquifer
CLWA Imported Water
CLWA Treated Groundwater
Saugus Formation

Alluvial Aquifer				
This water source is:				
☑	The supplier's own water source			
☐	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1999	1,676		1,676
Year 2	2000	1,508		1,508
Year 3	2001	1,641		1,641
Year 4	2002	981		981
Year 5	2003	1,266		1,266
Year 6	2004	1,582		1,582
Year 7	2005	1,389		1,389
Year 8	2006	2,149		2,149
Year 9	2007	1,806		1,806
Year 10	2008	1,717		1,717
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	1,266		1,266
Year 2	2004	1,582		1,582
Year 3	2005	1,389		1,389
Year 4	2006	2,149		2,149
Year 5	2007	1,806		1,806
2015 Compliance Year - Water into Distribution System				
2015		1,131		1,131
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES	2015 Santa Clarita Valley Water Report			

Revert Changes | Save and Exit

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below

Add Water Source →

- Alluvial Aquifer
- CLWA Imported Water
- CLWA Treated Groundwater
- Saugus Formation

CLWA Imported Water

This water source is:

- ☐ The supplier's own water source
- ☑ A purchased or imported source

Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1999	5,050		5,050
Year 2	2000	6,024		6,024
Year 3	2001	5,452		5,452
Year 4	2002	5,986		5,986
Year 5	2003	6,572		6,572
Year 6	2004	5,896		5,896
Year 7	2005	5,932		5,932
Year 8	2006	5,898		5,898
Year 9	2007	6,478		6,478
Year 10	2008	5,428		5,428
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	6,572		6,572
Year 2	2004	5,896		5,896
Year 3	2005	5,932		5,932
Year 4	2006	5,898		5,898
Year 5	2007	6,478		6,478
2015 Compliance Year - Water into Distribution System				
2015		2,478		2,478

* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document

NOTES: 2015 Santa Clarita Valley Water Report

Revert Changes | Save and Exit

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below	
Add Water Source →	⊕
Alluvial Aquifer	⊖
CLWA Imported Water	⊖
CLWA Treated Groundwater	⊖
Saugus Formation	⊖

CLWA Treated Groundwater				
This water source is:				
☐	The supplier's own water source			
☑	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1999	0		0
Year 2	2000	0		0
Year 3	2001	0		0
Year 4	2002	0		0
Year 5	2003	0		0
Year 6	2004	0		0
Year 7	2005	0		0
Year 8	2006	0		0
Year 9	2007	0		0
Year 10	2008	0		0
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	0		0
Year 2	2004	0		0
Year 3	2005	0		0
Year 4	2006	0		0
Year 5	2007	0		0
2015 Compliance Year - Water into Distribution System				
2015		794		794
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES	2015 Santa Clarita Valley Water Report			

Revert Changes | Save and Exit

Newhall County Water District

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below
Add Water Source →
Alluvial Aquifer
CLWA Imported Water
CLWA Treated Groundwater
Saugus Formation

Saugus Formation				
This water source is:				
☑	The supplier's own water source			
☐	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1999	2,622		2,622
Year 2	2000	2,186		2,186
Year 3	2001	2,432		2,432
Year 4	2002	3,395		3,395
Year 5	2003	2,513		2,513
Year 6	2004	3,739		3,739
Year 7	2005	3,435		3,435
Year 8	2006	3,423		3,423
Year 9	2007	3,691		3,691
Year 10	2008	4,195		4,195
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	2,513		2,513
Year 2	2004	3,739		3,739
Year 3	2005	3,435		3,435
Year 4	2006	3,423		3,423
Year 5	2007	3,691		3,691
2015 Compliance Year - Water into Distribution System				
2015		3,697		3,697
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES	2015 Santa Clarita Valley Water Report			

Revert Changes | Save and Exit

elines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water En

SB X7-7 Verification Form - View Table List

SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)

Baseline Year *From SB X7-7 Table 3*		Service Area Population *From SB X7-7 Table 3*	Annual Gross Water Use *From SB X7-7 Table 4* (AF)	Daily Per Capita Water Use (GPCD)
10 to 15 Year Baseline GPCD				
Year 1	1999	34,482	9,348	242
Year 2	2000	34,859	9,718	249
Year 3	2001	35,783	9,525	238
Year 4	2002	37,371	10,362	248
Year 5	2003	39,169	10,351	236
Year 6	2004	41,886	11,217	239
Year 7	2005	43,127	10,756	223
Year 8	2006	43,751	11,470	234
Year 9	2007	44,365	11,975	241
Year 10	2008	44,595	11,340	227
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
10 - 15 Year Average Baseline GPCD				238
5 Year Baseline GPCD				
Year 1	2003	39,169	10,351	236
Year 2	2004	41,886	11,217	239
Year 3	2005	43,127	10,756	223
Year 4	2006	43,751	11,470	234
Year 5	2007	44,365	11,975	241
5 Year Average Baseline GPCD				235
2015 Compliance Year GPCD				
2015		46,500	8,100	156
NOTES				

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

nes & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Wate

SB X7-7 Verification Form - View Table List

SB X7-7 Table 6: Gallons per Capita per Day

Summary From Table SB X7-7 Table 5	
10-15 Year Baseline GPCD	238
5 Year Baseline GPCD	235
2015 Compliance Year GPCD	156
NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Newhall County Water District

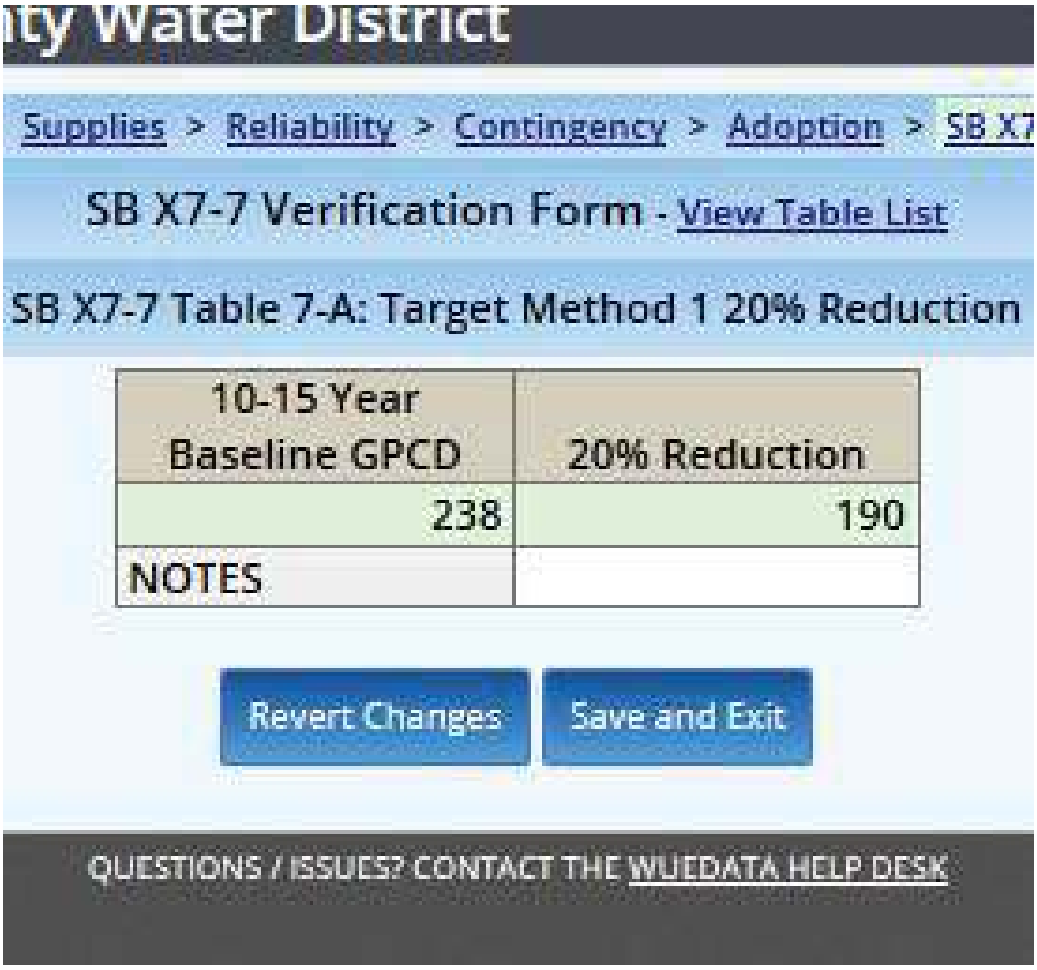
> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water En

SB X7-7 Verification Form - View Table List

SB X7-7 Table 7: 2020 Target Method

Target Method		Supporting Documentation
☑	Method 1	SB X7-7 Table 7A
☐	Method 2	SB X7-7 Tables 7B, 7C, and 7D *(Contact DWR for these tables, and attach using the Attachments section of the UWMP Tool)*
☐	Method 3	SB X7-7 Table 7-E
☐	Method 4	Method 4 Calculator *(attach using the Attachments section of the UWMP Tool)*
NOTES		

Revert Changes | Save and Exit


ity Water District
Supplies > Reliability > Contingency > Adoption > SB X7
SB X7-7 Verification Form - View Table List
SB X7-7 Table 7-A: Target Method 1 20% Reduction
10-15 Year Baseline GPCD
20% Reduction
238
190
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Newhall County Water District

> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy >

SB X7-7 Verification Form - View Table List

SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target

5 Year Baseline GPCD *From SB X7-7 Table 5*	Maximum 2020 Target[1]	Calculated 2020 Target[2]	Confirmed 2020 Target
235	223	190	190

[1]Maximum 2020 Target is 95% of the 5 Year Baseline GPCD except for suppliers at or below 100 GPCD.

[2]2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.

NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

l County Water District

& Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form

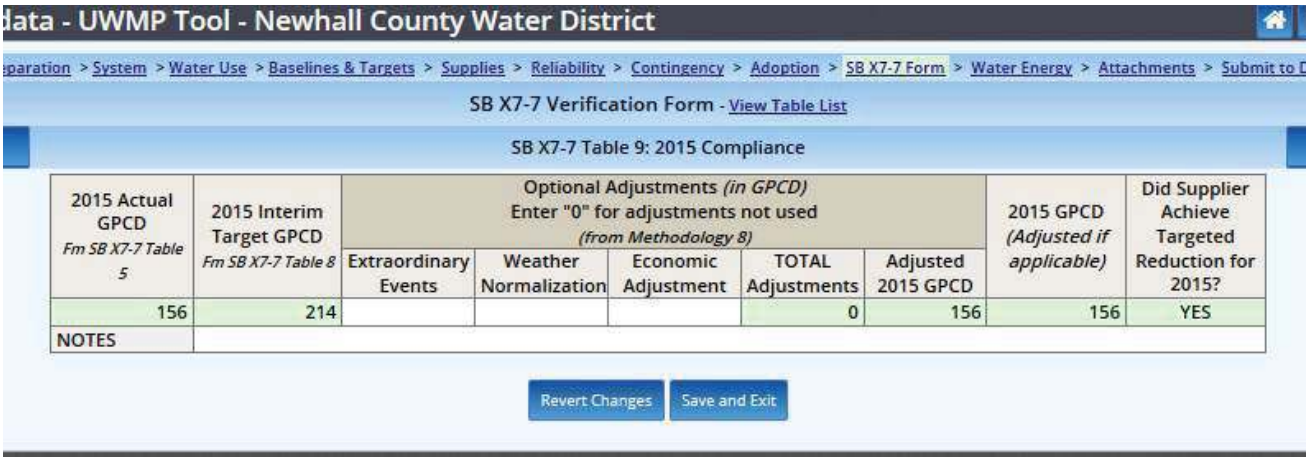
SB X7-7 Verification Form - View Table List

SB X7-7 Table 8: 2015 Interim Target GPCD

Confirmed 2020 Target *From SB X7-7 Table 7-F*	10-15 Year Baseline GPCD *Fm SB X7-7 Table 5*	2015 Interim Target GPCD
190	238	214

NOTES	

Revert Changes | Save and Exit



ata - UWMP Tool - Newhall County Water District

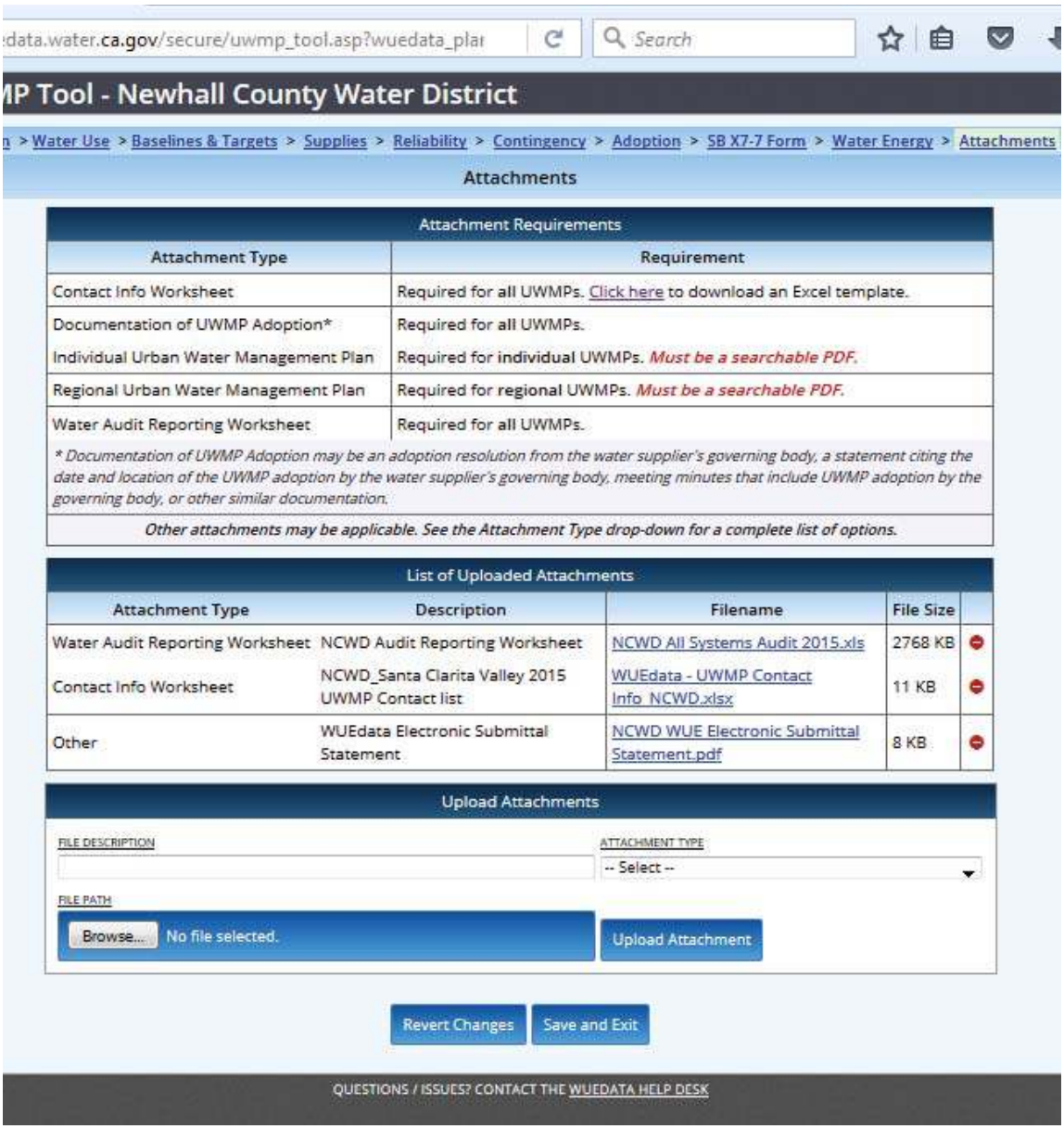
paration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D

SB X7-7 Verification Form - View Table List

SB X7-7 Table 9: 2015 Compliance

2015 Actual GPCD *Fm SB X7-7 Table 5*	2015 Interim Target GPCD *Fm SB X7-7 Table 8*	Optional Adjustments *(in GPCD)* Enter "0" for adjustments not used *(from Methodology 8)*					2015 GPCD *(Adjusted if applicable)*	Did Supplier Achieve Targeted Reduction for 2015?
		Extraordinary Events	Weather Normalization	Economic Adjustment	TOTAL Adjustments	Adjusted 2015 GPCD		
156	214				0	156	156	YES
NOTES								

Revert Changes | Save and Exit



data.water.ca.gov/secure/uwmp_tool.asp?wuedata_plar

Search

P Tool - Newhall County Water District

n > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments

Attachments

Attachment Requirements	
Attachment Type	**Requirement**
Contact Info Worksheet	Required for all UWMPs. Click here to download an Excel template.
Documentation of UWMP Adoption*	Required for all UWMPs.
Individual Urban Water Management Plan	Required for individual UWMPs. *Must be a searchable PDF.*
Regional Urban Water Management Plan	Required for regional UWMPs. *Must be a searchable PDF.*
Water Audit Reporting Worksheet	Required for all UWMPs.
** Documentation of UWMP Adoption may be an adoption resolution from the water supplier's governing body, a statement citing the date and location of the UWMP adoption by the water supplier's governing body, meeting minutes that include UWMP adoption by the governing body, or other similar documentation.*	
Other attachments may be applicable. See the Attachment Type drop-down for a complete list of options.	

List of Uploaded Attachments

Attachment Type	Description	Filename	File Size	
Water Audit Reporting Worksheet	NCWD Audit Reporting Worksheet	NCWD All Systems Audit 2015.xls	2768 KB	⊖
Contact Info Worksheet	NCWD_Santa Clarita Valley 2015 UWMP Contact list	WUEdata - UWMP Contact Info_NCWD.xlsx	11 KB	⊖
Other	WUEdata Electronic Submittal Statement	NCWD WUE Electronic Submittal Statement.pdf	8 KB	⊖

Upload Attachments

FILE DESCRIPTION

ATTACHMENT TYPE -- Select --

FILE PATH

Browse... No file selected. Upload Attachment

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

WMP Tool - Newhall County Water District

stem > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments

Submit To DWR

This final section of the UWMP Tool allows you to submit your UWMP data and attachments to DWR for review.

One or more validation issues were found. Click the table/section name to access the relevant table.

- *Errors - These must be resolved before the UWMP can be submitted to DWR.*
- *Warnings - These should be reviewed to verify the data is correct. UWMPs can be submitted to DWR with warnings.*

If you have questions or concerns about these validation issues, please contact the WUEdata Help Desk.

- Chapter 4: System Water Use
  - Table 4-1 Retail: Demands for Potable and Raw Water - Actual
    - Warning - Total Losses amount (0 AF) is not within 10% of Losses amount entered on Table 4-4 Retail (655 AF). Review to verify these numbers are correctly entered.
    - Warning - Total volume (8,092 AF) does not match the 2015 volume into distribution system on SB X7-7 Table 4 (8,100 AF).
  - Table 4-4 Retail: 12 Month Water Loss Audit Reporting
    - Warning - Losses amount (655 AF) is not within 10% of total Losses amounts entered on Table 4-1 Retail (0 AF). Review to verify these numbers are correctly entered.
- SB X7-7 Verification Form
  - SB X7-7 Table 4: Annual Gross Water Use
    - Warning - 2015 volume into distribution system (8,100 AF) does not match total volume on Table 4-1 Retail (8,092 AF).
- UWMP Attachments
  - UWMP Attachments
    - Warning - An attachment of type 'Documentation of UWMP Adoption' should be uploaded.
    - Error - An attachment of type 'Regional Urban Water Management Plan' must be uploaded.

Save Only - Not Ready to Submit | Submit UWMP to DWR

The information in this plan cannot be modified after it has been submitted.

Santa Clarita Water Division

The information provided in the online WUEdata tables reflects data in the 2015 Santa Clarita Valley Urban Water Management Plan (UWMP) for the purpose of completing the online DWR WUEdata submittal. This submittal is not intended to be an electronic replica of the 2015 UWMP adopted by the Castaic Lake Water Agency/Santa Clarita Water Division Board of Directors on June 8, 2016. Nor does the Agency intend for this submittal to be an amendment, change or update to the 2015 UWMP.

Castaic Lake Water Agency Santa Clarita Water Division

> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy >

Chapter 2: Plan Preparation - View Table List

Table 2-1 Retail Only: Public Water Systems

Wholesalers are not required to populate this table, and can click "Next" to advance to the next table.
Reminder: Use Ctrl-V (Command+V on Mac) on your keyboard to paste data copied from Excel.

Public Water System Number (CA#######)	Public Water System Name	Number of Municipal Connections 2015	Volume of Water Supplied 2015 (AF)
CA1910017	CLWA SCWD	30,681	21,783
	TOTAL	30,681	21,783
NOTES	UWMP Table 1-1		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

r Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > A

Chapter 2: Plan Preparation - View Table List

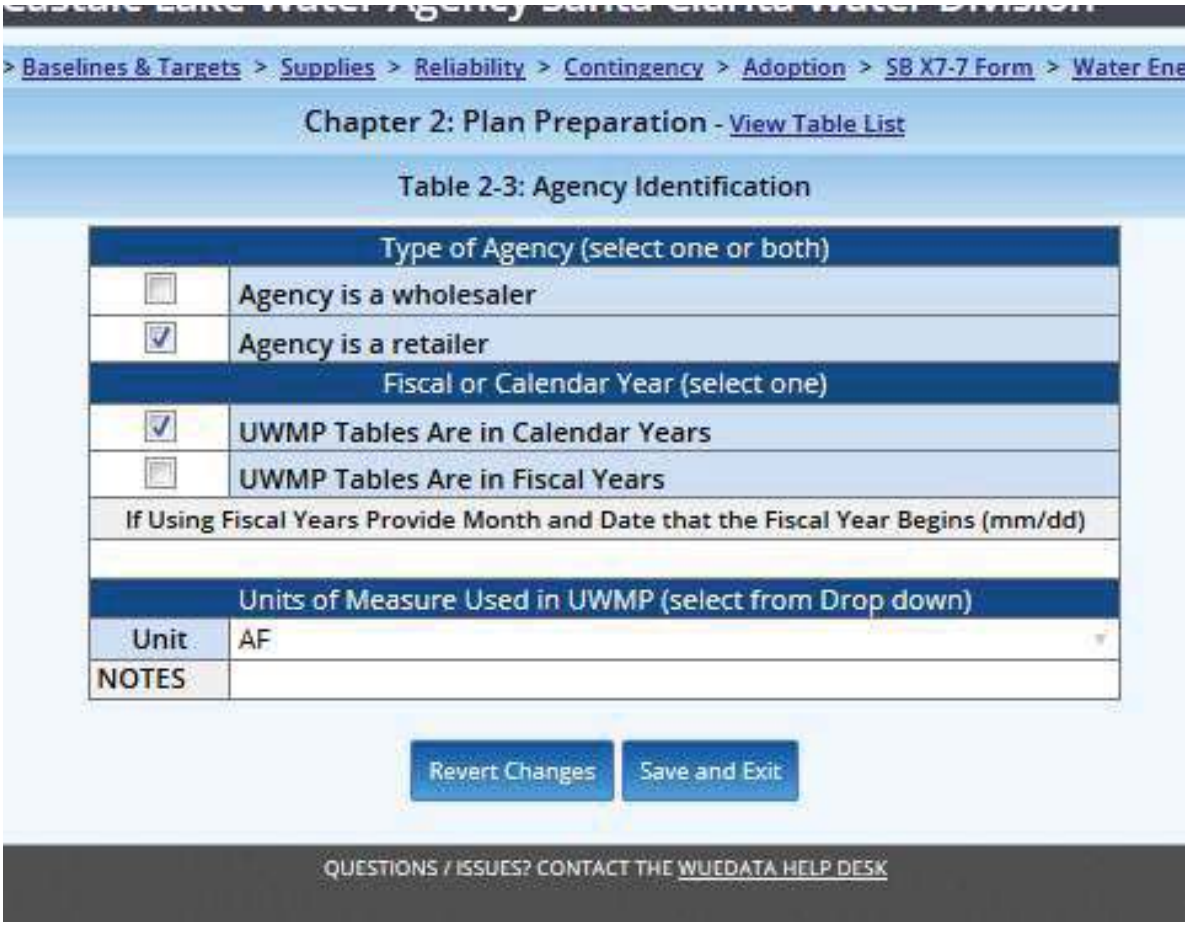
Table 2-2: Plan Identification

Regional UWMPs must enter data into this tool separately (as Individual UWMPs) for each water supplier.

Choose the type of Plan Below:		
☐	Individual UWMP	
☑	Regional UWMP (RUWMP)	
	If Regional UWMP, select the regional plan from the drop down list below: If your Regional Plan does not exist in the list, contact the WUEdata Help Desk.	
	Castaic Lake Water Agency	
	If Regional UWMP, Choose One:	
	☐	RUWMP includes a Regional Alliance*
	☑	RUWMP does not include a Regional Alliance*
	*For more information on Regional Alliance and Regional UWMP, click here.	
NOTES		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Ene

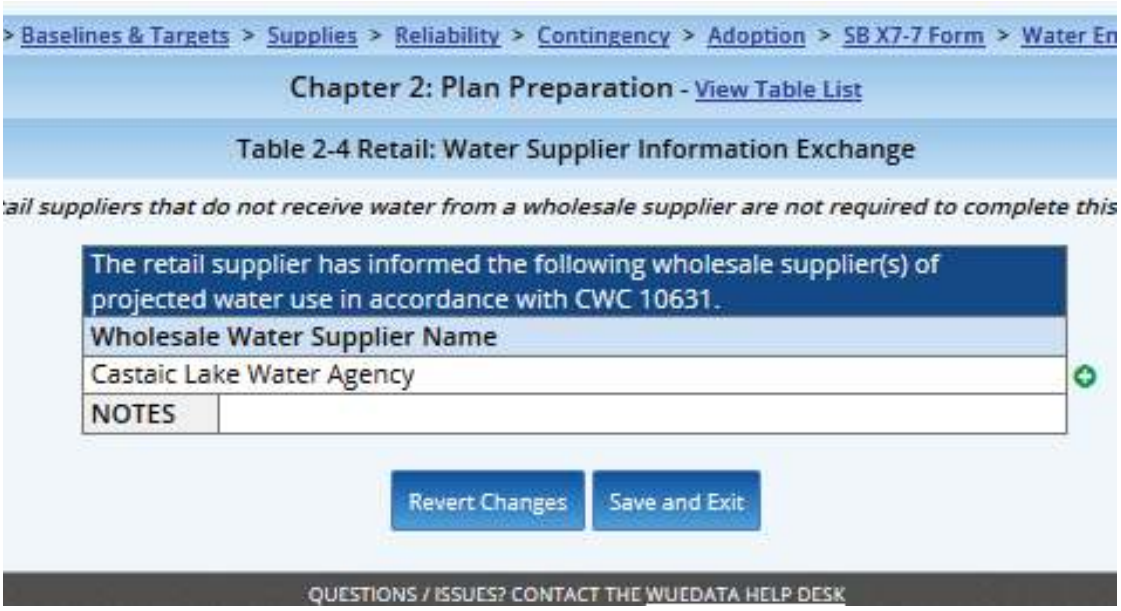
Chapter 2: Plan Preparation - View Table List

Table 2-3: Agency Identification

Type of Agency (select one or both)	
☐	Agency is a wholesaler
☑	Agency is a retailer
Fiscal or Calendar Year (select one)	
☑	UWMP Tables Are in Calendar Years
☐	UWMP Tables Are in Fiscal Years
If Using Fiscal Years Provide Month and Date that the Fiscal Year Begins (mm/dd)	
Units of Measure Used in UWMP (select from Drop down)	
Unit	AF
NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water En

Chapter 2: Plan Preparation - View Table List

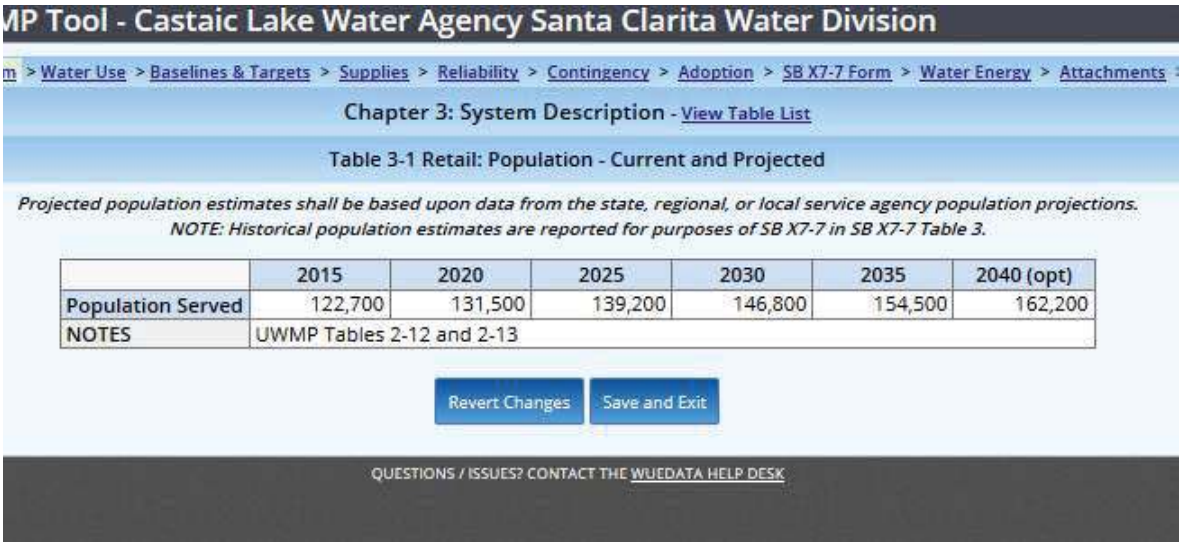
Table 2-4 Retail: Water Supplier Information Exchange

ail suppliers that do not receive water from a wholesale supplier are not required to complete this

The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631.	
Wholesale Water Supplier Name	
Castaic Lake Water Agency	
NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



MP Tool - Castaic Lake Water Agency Santa Clarita Water Division

m > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments

Chapter 3: System Description - View Table List

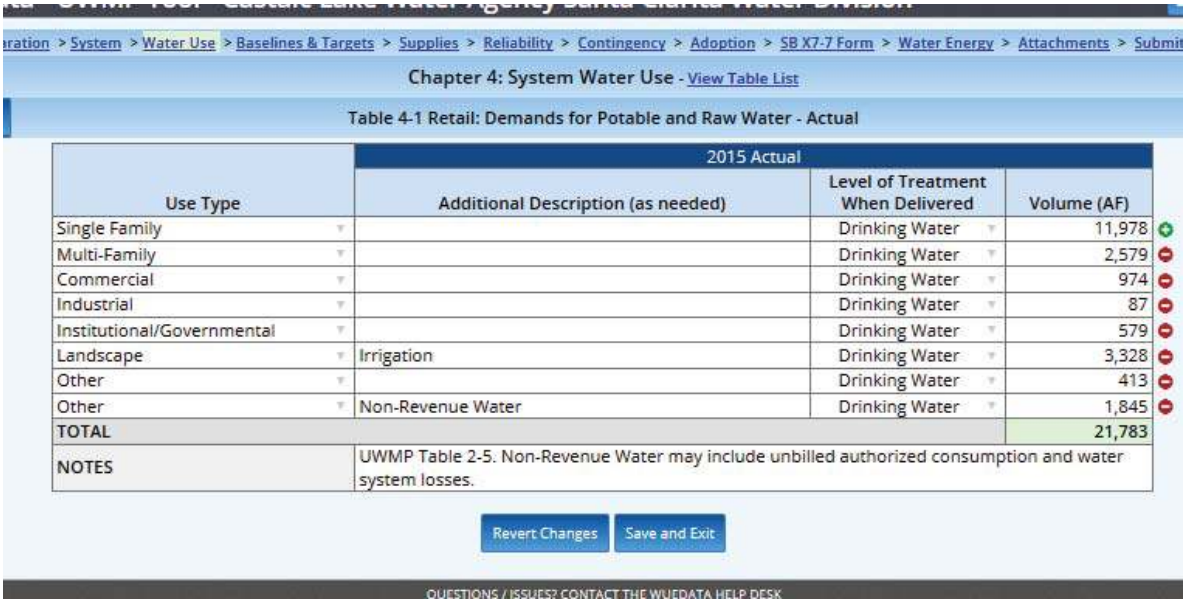
Table 3-1 Retail: Population - Current and Projected

Projected population estimates shall be based upon data from the state, regional, or local service agency population projections.
NOTE: Historical population estimates are reported for purposes of SB X7-7 in SB X7-7 Table 3.

	2015	2020	2025	2030	2035	2040 (opt)
Population Served	122,700	131,500	139,200	146,800	154,500	162,200
NOTES	UWMP Tables 2-12 and 2-13					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



ration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit

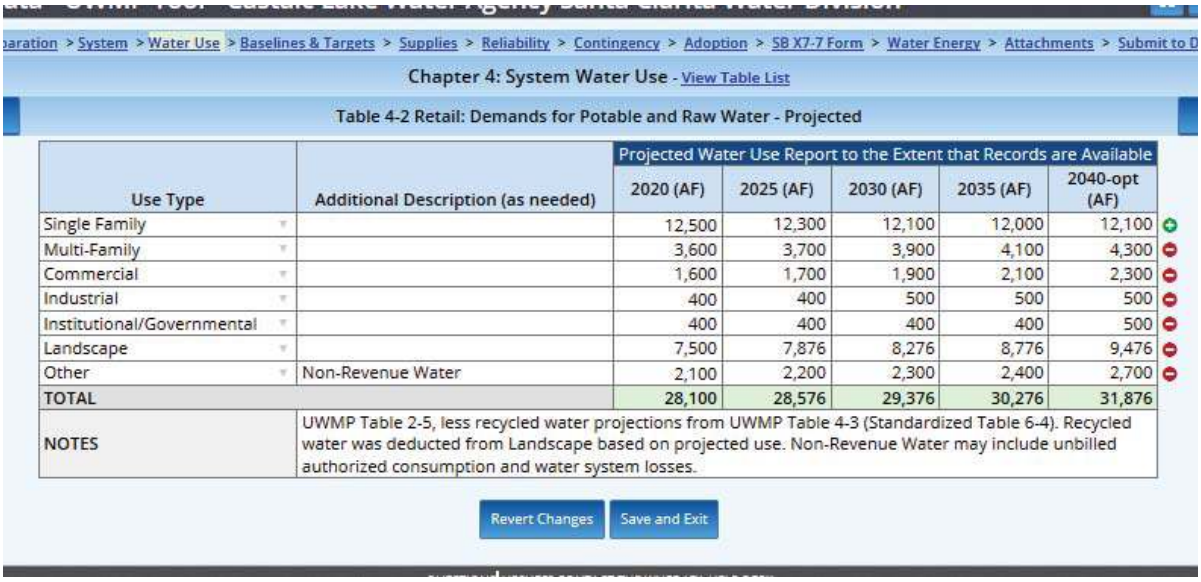
Chapter 4: System Water Use - View Table List

Table 4-1 Retail: Demands for Potable and Raw Water - Actual

Use Type	2015 Actual		
	Additional Description (as needed)	Level of Treatment When Delivered	Volume (AF)
Single Family		Drinking Water	11,978
Multi-Family		Drinking Water	2,579
Commercial		Drinking Water	974
Industrial		Drinking Water	87
Institutional/Governmental		Drinking Water	579
Landscape	Irrigation	Drinking Water	3,328
Other		Drinking Water	413
Other	Non-Revenue Water	Drinking Water	1,845
TOTAL			21,783
NOTES	UWMP Table 2-5. Non-Revenue Water may include unbilled authorized consumption and water system losses.		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



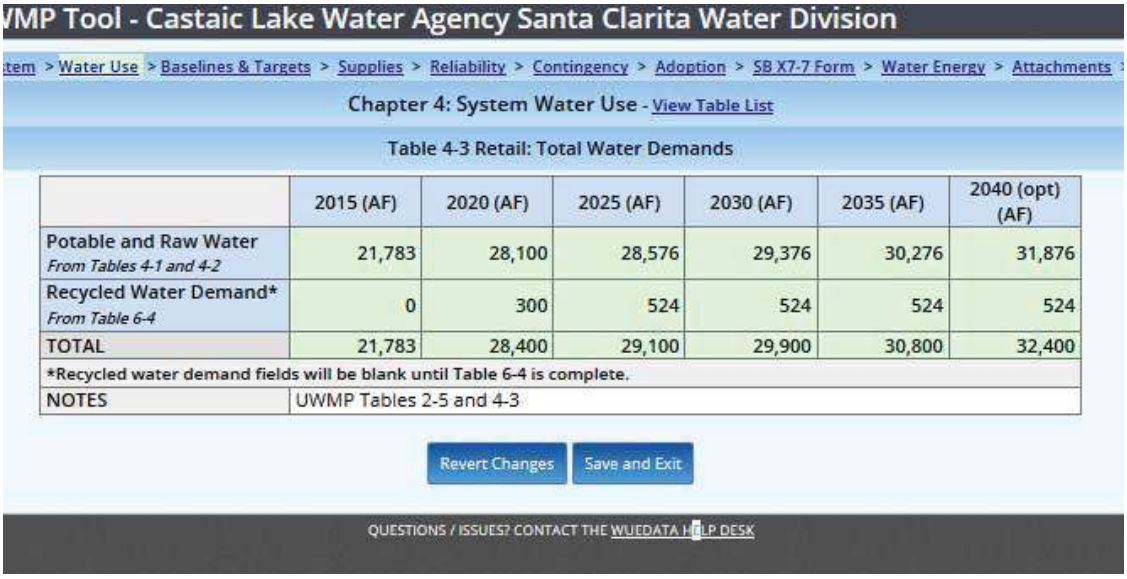
paration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D

Chapter 4: System Water Use - View Table List

Table 4-2 Retail: Demands for Potable and Raw Water - Projected

Use Type	Additional Description (as needed)	Projected Water Use Report to the Extent that Records are Available				
		2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040-opt (AF)
Single Family		12,500	12,300	12,100	12,000	12,100
Multi-Family		3,600	3,700	3,900	4,100	4,300
Commercial		1,600	1,700	1,900	2,100	2,300
Industrial		400	400	500	500	500
Institutional/Governmental		400	400	400	400	500
Landscape		7,500	7,876	8,276	8,776	9,476
Other	Non-Revenue Water	2,100	2,200	2,300	2,400	2,700
TOTAL		28,100	28,576	29,376	30,276	31,876
NOTES	UWMP Table 2-5, less recycled water projections from UWMP Table 4-3 (Standardized Table 6-4). Recycled water was deducted from Landscape based on projected use. Non-Revenue Water may include unbilled authorized consumption and water system losses.					

Revert Changes | Save and Exit



VMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

tem > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments >

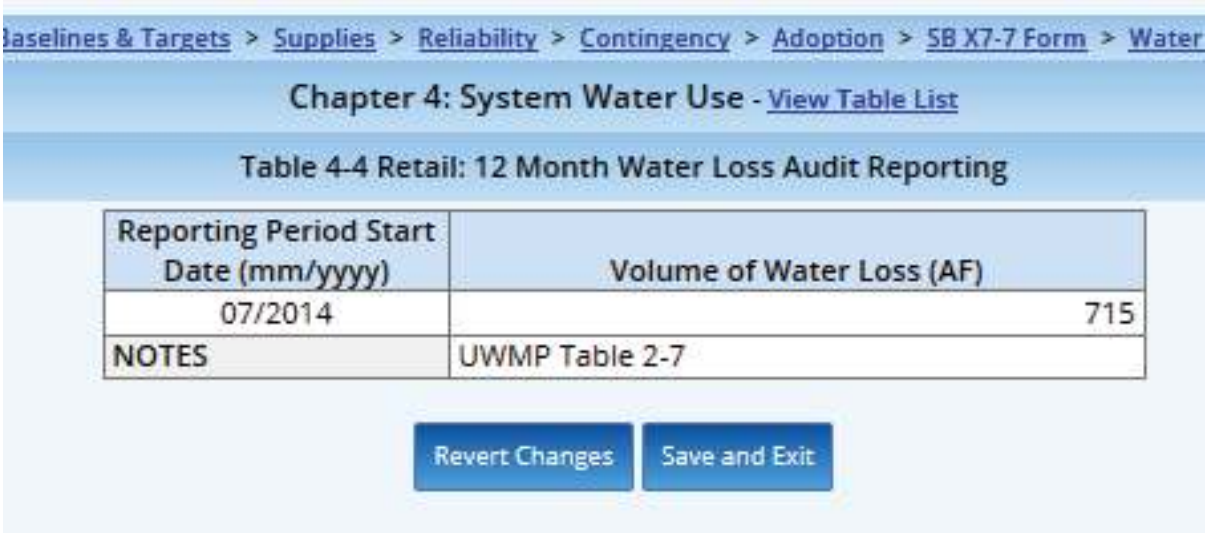
Chapter 4: System Water Use - View Table List

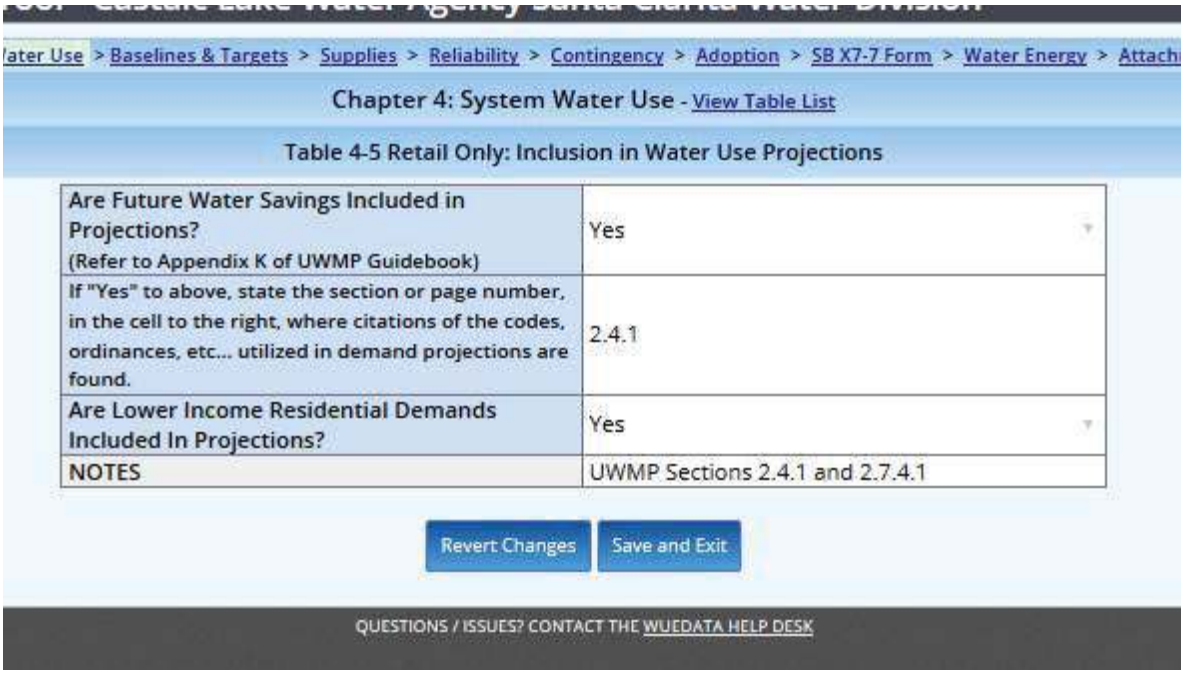
Table 4-3 Retail: Total Water Demands

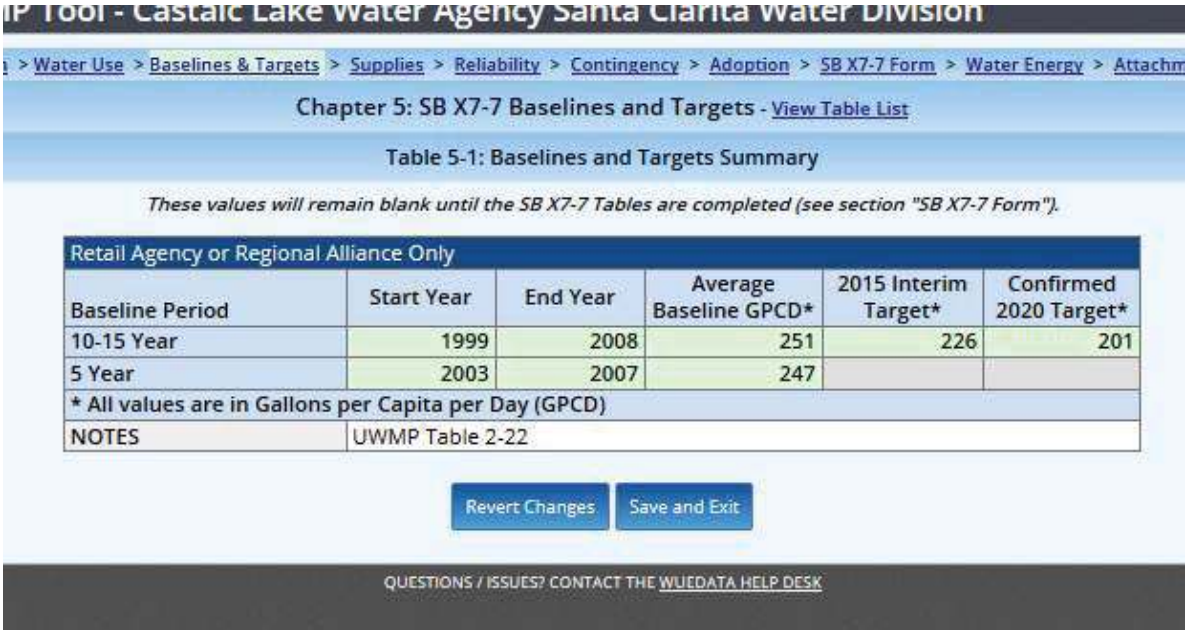
	2015 (AF)	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Potable and Raw Water *From Tables 4-1 and 4-2*	21,783	28,100	28,576	29,376	30,276	31,876
Recycled Water Demand* *From Table 6-4*	0	300	524	524	524	524
TOTAL	21,783	28,400	29,100	29,900	30,800	32,400
*Recycled water demand fields will be blank until Table 6-4 is complete.						
NOTES	UWMP Tables 2-5 and 4-3					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water
Chapter 4: System Water Use - View Table List
Table 4-4 Retail: 12 Month Water Loss Audit Reporting
Reporting Period Start Date (mm/yyyy)
Volume of Water Loss (AF)
07/2014
715
NOTES
UWMP Table 2-7
Revert Changes
Save and Exit


Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attach
Chapter 4: System Water Use - View Table List
Table 4-5 Retail Only: Inclusion in Water Use Projections
Are Future Water Savings Included in Projections?
(Refer to Appendix K of UWMP Guidebook)
Yes
If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, etc... utilized in demand projections are found.
2.4.1
Are Lower Income Residential Demands Included In Projections?
Yes
NOTES
UWMP Sections 2.4.1 and 2.7.4.1
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



IP Tool - Castaic Lake Water Agency Santa Clarita Water Division

> Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachm

Chapter 5: SB X7-7 Baselines and Targets - View Table List

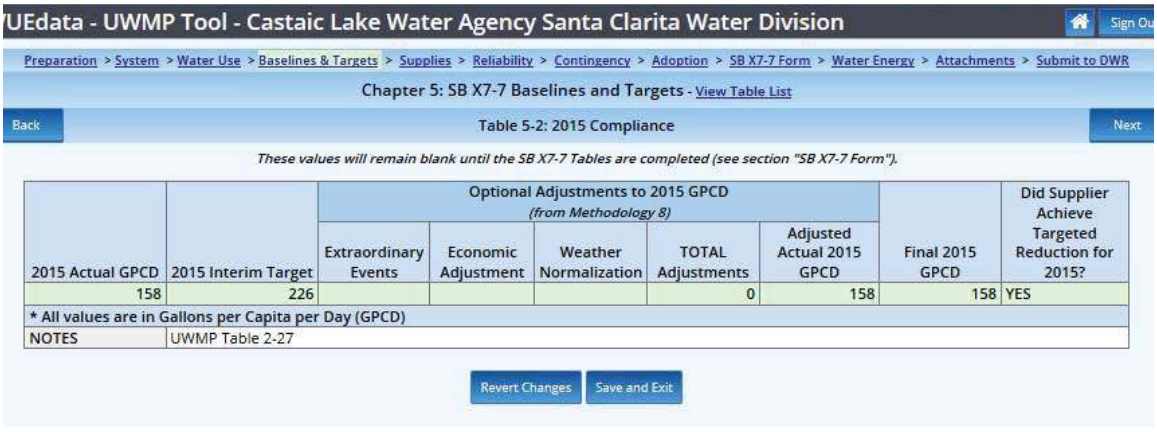
Table 5-1: Baselines and Targets Summary

These values will remain blank until the SB X7-7 Tables are completed (see section "SB X7-7 Form").

Retail Agency or Regional Alliance Only					
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target*	Confirmed 2020 Target*
10-15 Year	1999	2008	251	226	201
5 Year	2003	2007	247		
* All values are in Gallons per Capita per Day (GPCD)					
NOTES	UWMP Table 2-22				

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



WUEdata - UWMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

Sign Ou

Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DWR

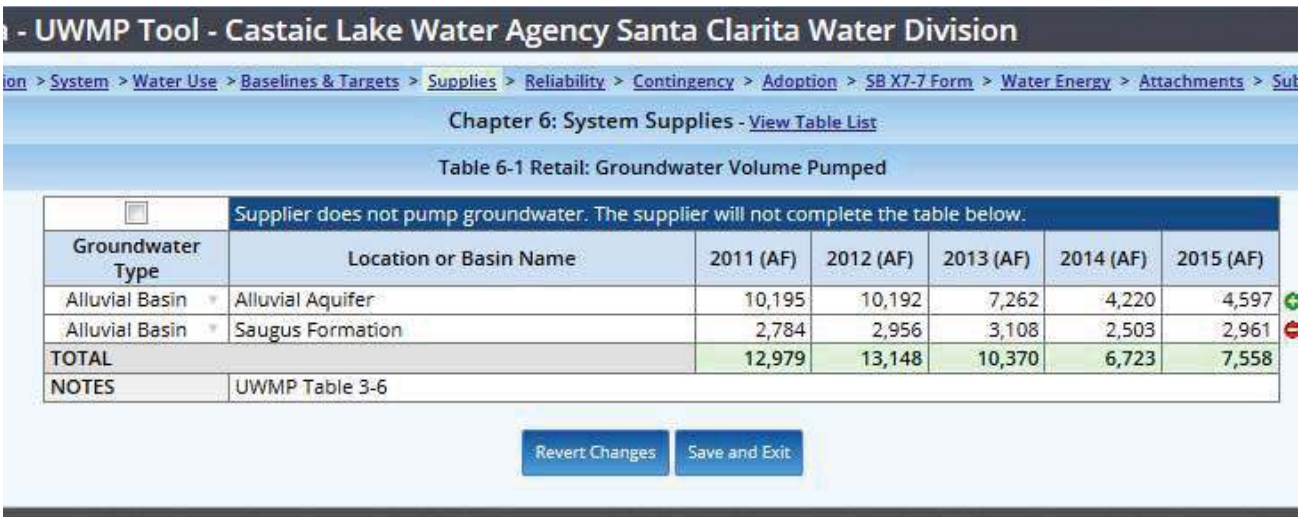
Chapter 5: SB X7-7 Baselines and Targets - View Table List

Back | Table 5-2: 2015 Compliance | Next

These values will remain blank until the SB X7-7 Tables are completed (see section "SB X7-7 Form").

2015 Actual GPCD	2015 Interim Target	Optional Adjustments to 2015 GPCD (from Methodology 8)				Adjusted Actual 2015 GPCD	Final 2015 GPCD	Did Supplier Achieve Targeted Reduction for 2015?
		Extraordinary Events	Economic Adjustment	Weather Normalization	TOTAL Adjustments			
158	226				0	158	158	YES
* All values are in Gallons per Capita per Day (GPCD)								
NOTES	UWMP Table 2-27							

Revert Changes | Save and Exit



- UWMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

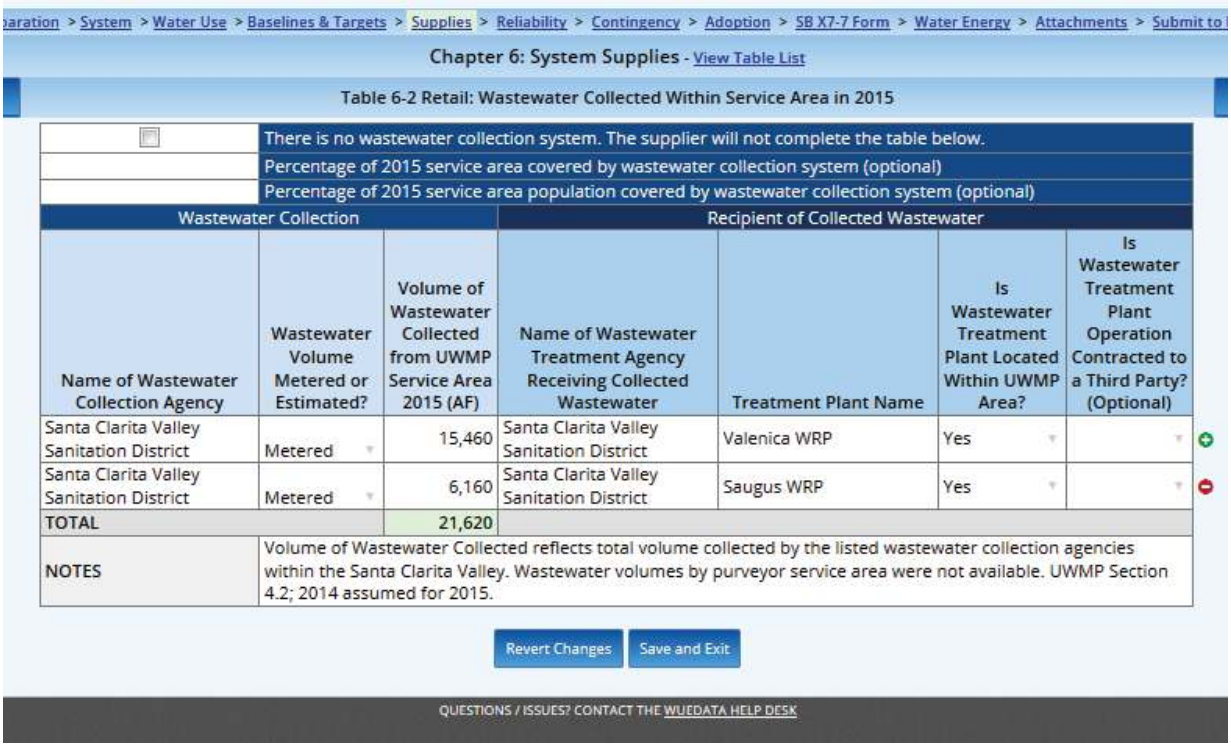
ion > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Sut

Chapter 6: System Supplies - View Table List

Table 6-1 Retail: Groundwater Volume Pumped

☐	Supplier does not pump groundwater. The supplier will not complete the table below.					
Groundwater Type	Location or Basin Name	2011 (AF)	2012 (AF)	2013 (AF)	2014 (AF)	2015 (AF)
Alluvial Basin	Alluvial Aquifer	10,195	10,192	7,262	4,220	4,597
Alluvial Basin	Saugus Formation	2,784	2,956	3,108	2,503	2,961
TOTAL		12,979	13,148	10,370	6,723	7,558
NOTES	UWMP Table 3-6					

Revert Changes | Save and Exit



paration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to

Chapter 6: System Supplies - View Table List

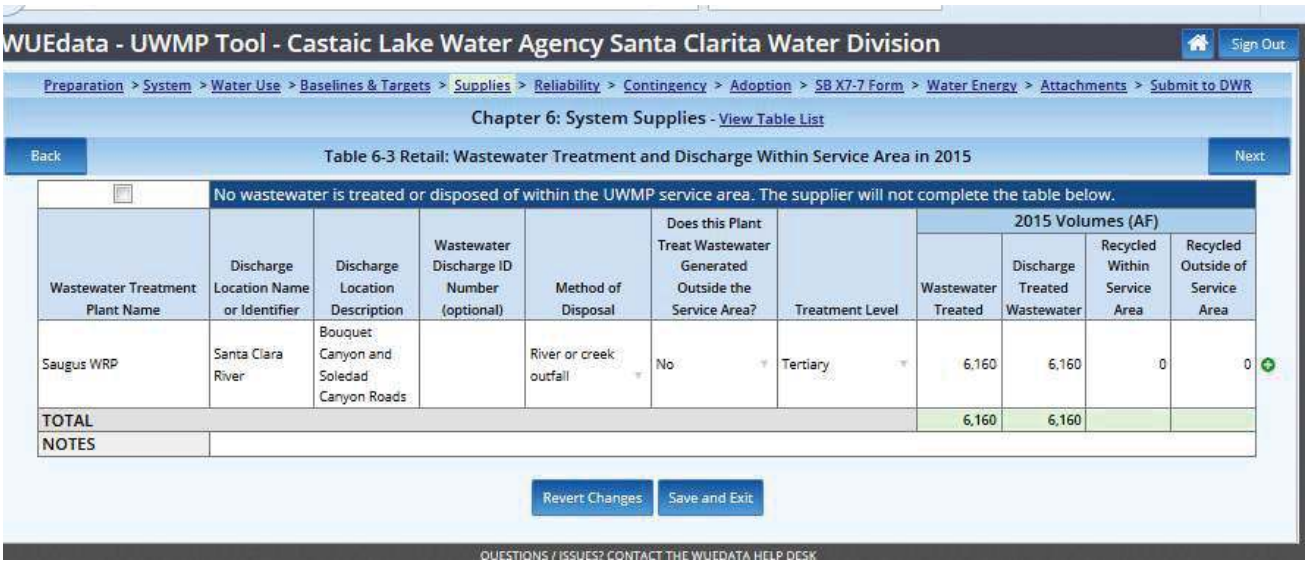
Table 6-2 Retail: Wastewater Collected Within Service Area in 2015

☐	There is no wastewater collection system. The supplier will not complete the table below.
	Percentage of 2015 service area covered by wastewater collection system (optional)
	Percentage of 2015 service area population covered by wastewater collection system (optional)

Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated?	Volume of Wastewater Collected from UWMP Service Area 2015 (AF)	Name of Wastewater Treatment Agency Receiving Collected Wastewater	Treatment Plant Name	Is Wastewater Treatment Plant Located Within UWMP Area?	Is Wastewater Treatment Plant Operation Contracted to a Third Party? (Optional)
Santa Clarita Valley Sanitation District	Metered	15,460	Santa Clarita Valley Sanitation District	Valenica WRP	Yes	
Santa Clarita Valley Sanitation District	Metered	6,160	Santa Clarita Valley Sanitation District	Saugus WRP	Yes	
TOTAL		21,620				
NOTES	Volume of Wastewater Collected reflects total volume collected by the listed wastewater collection agencies within the Santa Clarita Valley. Wastewater volumes by purveyor service area were not available. UWMP Section 4.2; 2014 assumed for 2015.					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



WUEdata - UWMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

Sign Out

Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DWR

Chapter 6: System Supplies - View Table List

Back

Table 6-3 Retail: Wastewater Treatment and Discharge Within Service Area in 2015

Next

☐	No wastewater is treated or disposed of within the UWMP service area. The supplier will not complete the table below.

Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number (optional)	Method of Disposal	Does this Plant Treat Wastewater Generated Outside the Service Area?	Treatment Level	2015 Volumes (AF)			
							Wastewater Treated	Discharge Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area
Saugus WRP	Santa Clara River	Bouquet Canyon and Soledad Canyon Roads		River or creek outfall	No	Tertiary	6,160	6,160	0	0
TOTAL							6,160	6,160		
NOTES										

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Chapter 6: System Supplies - View Table List

Table 6-4 Retail: Current and Projected Recycled Water Direct Beneficial Uses Within Service Area

Add Table → Table 1

☐ Recycled water is not used and is not planned for use within the service area of the supplier. The supplier will not complete the table below.

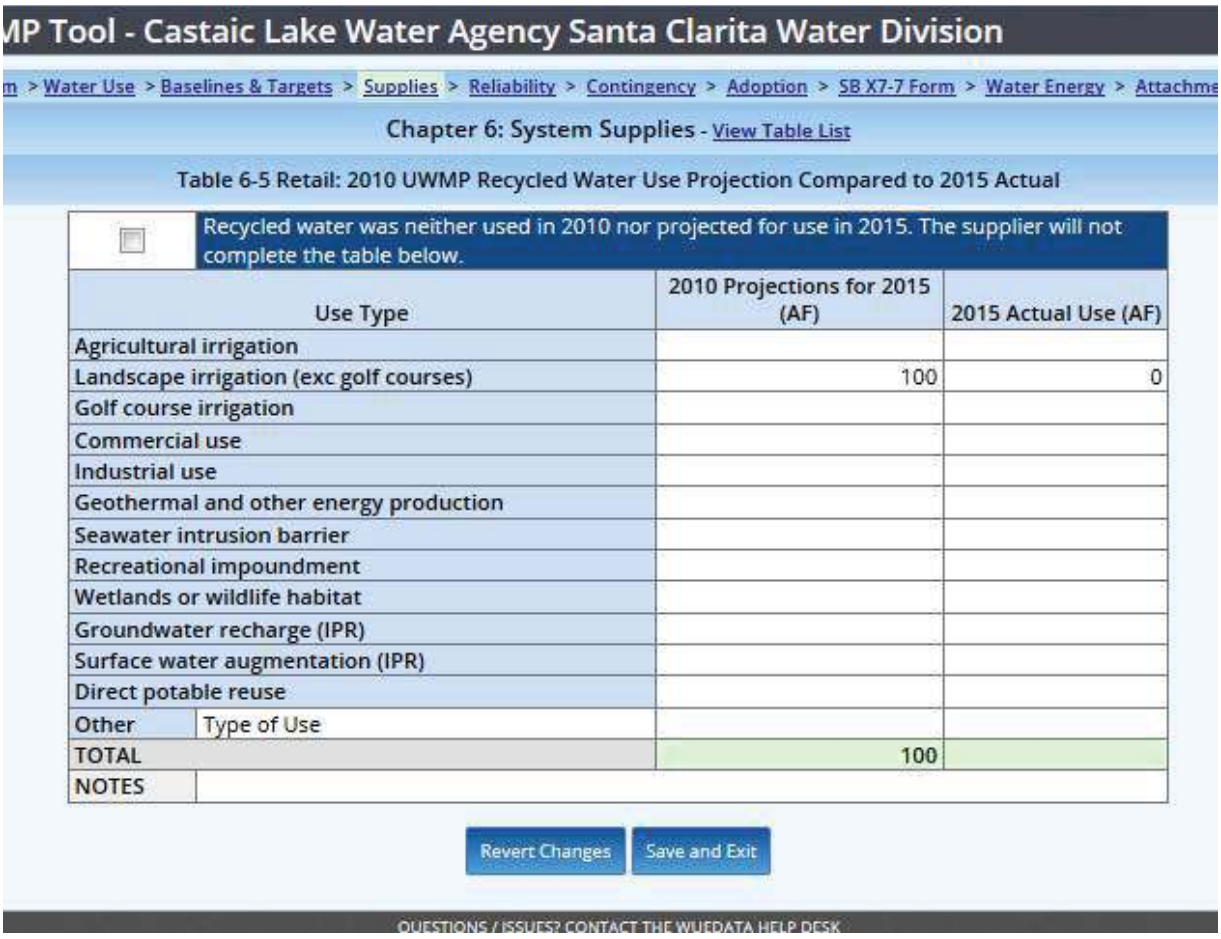
Name of Agency Producing (Treating) the Recycled Water:	
Name of Agency Operating the Recycled Water Distribution System:	
Supplemental Water Added in 2015 (AF)	
Source of 2015 Supplemental Water	

Beneficial Use Type	General Description of 2015 Uses	Level of Treatment	2015 (AF)	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Agricultural irrigation								
Landscape irrigation (excludes golf courses)		Tertiary	0	250	474	474	474	474
Golf course irrigation								
Commercial use	Undeveloped	Tertiary	0	50	50	50	50	50
Industrial use								
Geothermal and other energy production								
Seawater intrusion barrier								
Recreational impoundment								
Wetlands or wildlife habitat								
Groundwater recharge (IPR*)								
Surface water augmentation (IPR*)								
Direct potable reuse								
Other (provide general description)								
TOTAL				300	524	524	524	524

*IPR - Indirect Potable Reuse

NOTES: UWMP Table 4-3. Breakdown of recycled water use is based on projections from Recycled Water Master Plan, with assumed commercial use of 50 AFY through 2040 and remainder of projections falling under landscape irrigation.

Revert Changes | Save and Exit



MP Tool - Castaic Lake Water Agency Santa Clarita Water Division

m > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachme

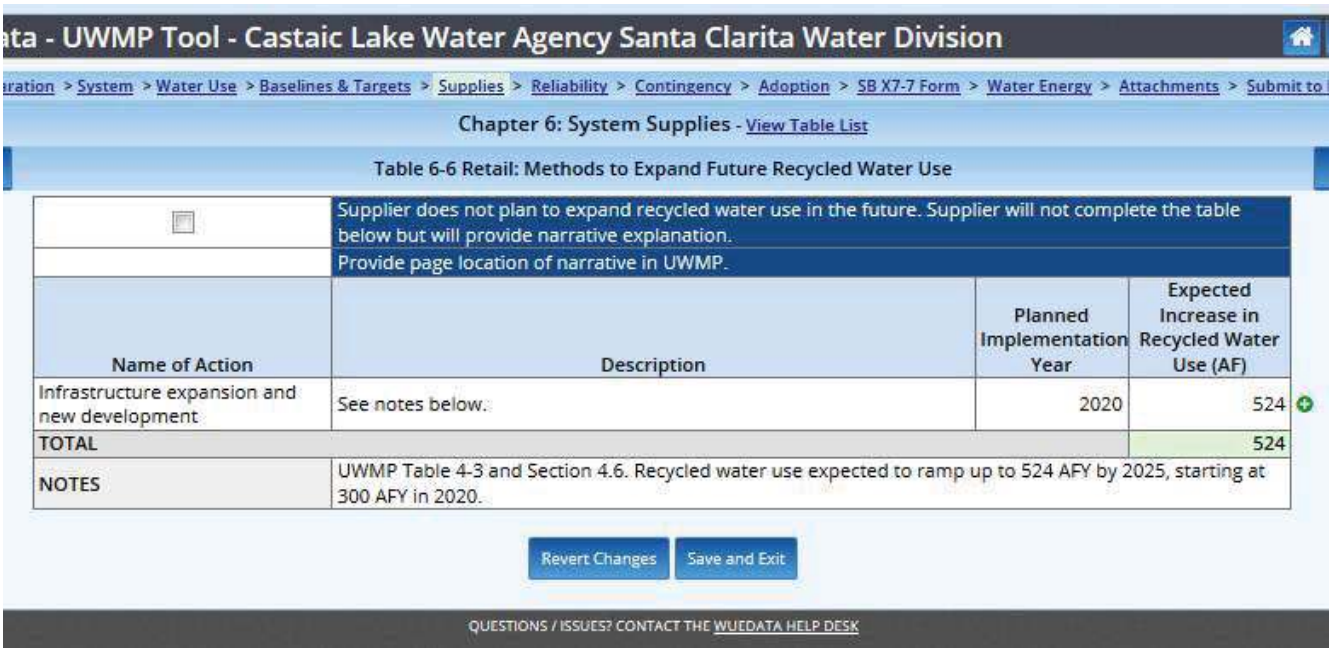
Chapter 6: System Supplies - View Table List

Table 6-5 Retail: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual

	Recycled water was neither used in 2010 nor projected for use in 2015. The supplier will not complete the table below.		
Use Type		2010 Projections for 2015 (AF)	2015 Actual Use (AF)
Agricultural irrigation			
Landscape irrigation (exc golf courses)		100	0
Golf course irrigation			
Commercial use			
Industrial use			
Geothermal and other energy production			
Seawater intrusion barrier			
Recreational impoundment			
Wetlands or wildlife habitat			
Groundwater recharge (IPR)			
Surface water augmentation (IPR)			
Direct potable reuse			
Other	Type of Use		
TOTAL		100	
NOTES			

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



ata - UWMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

uration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to

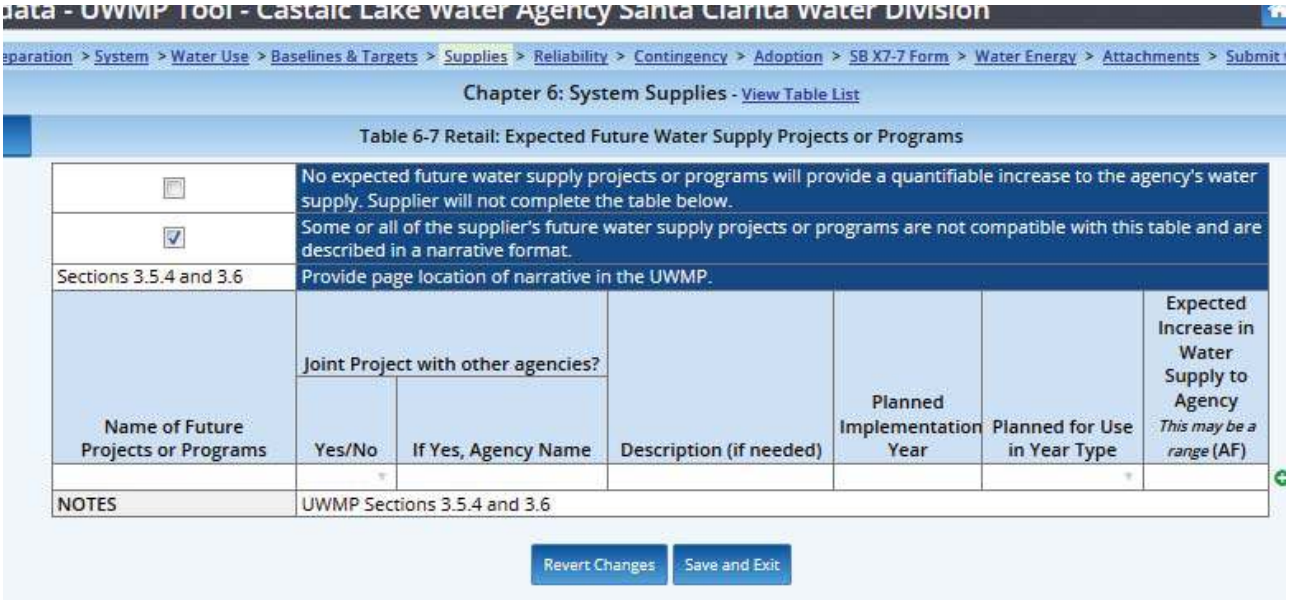
Chapter 6: System Supplies - View Table List

Table 6-6 Retail: Methods to Expand Future Recycled Water Use

	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.		
	Provide page location of narrative in UWMP.		
Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use (AF)
Infrastructure expansion and new development	See notes below.	2020	524
TOTAL			524
NOTES	UWMP Table 4-3 and Section 4.6. Recycled water use expected to ramp up to 524 AFY by 2025, starting at 300 AFY in 2020.		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



data - UWMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

eparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit

Chapter 6: System Supplies - View Table List

Table 6-7 Retail: Expected Future Water Supply Projects or Programs

☐	No expected future water supply projects or programs will provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.
☑	Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.
Sections 3.5.4 and 3.6	Provide page location of narrative in the UWMP.

Name of Future Projects or Programs	Joint Project with other agencies? Yes/No	If Yes, Agency Name	Description (if needed)	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Agency *This may be a range* (AF)
NOTES	UWMP Sections 3.5.4 and 3.6					

Revert Changes | Save and Exit

data - UWMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

eparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to

Chapter 6: System Supplies - View Table List

Table 6-8 Retail: Water Supplies - Actual

Water Supply	Additional Detail on Water Supply	2015 Actual Volume (AF)	2015 Water Quality	2015 Total Right or Safe Yield (optional) (AF)
Groundwater	Saugus Formation	2,961	Drinking Water	
Groundwater	Alluvium	4,597	Drinking Water	
Purchased or Imported Water		14,225	Drinking Water	
TOTAL		21,783		
NOTES	UWMP Tables 2-1, 3-6. Imported Water is Total less Groundwater.			

Revert Changes | Save and Exit

Back

Table 6-9 Retail: Water Supplies - Projected

Next

Water Supply	Additional Detail on Water Supply	Projected Water Supply *Report to the Extent Practicable*									
		2020		2025		2030		2035		2040 *(optional)*	
		Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)
Groundwater	Alluvial Aquifer	10,550		10,550		10,550		10,550		10,550	
Groundwater	Saugus Formation	3,300		3,300		3,300		3,300		3,300	
Purchased or Imported Water	Table A	26,933		28,508		27,473		27,847		28,560	
Purchased or Imported Water	Buena Vista-Rosedale	5,313		5,661		5,449		5,375		5,324	
Recycled Water	Planned	300		524		524		524		524	
TOTAL		46,396		48,543		47,296		47,596		48,258	
NOTES	Appendix C Tables C-1 and C-2										

Revert Changes | Save and Exit

Table 7-1 Retail: Basis of Water Year Data

One Table for All Water Sources (Switch to Multiple Tables)

Year Type	Base Year *(If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 1999-2000, use 2000)*	Available Supplies if Year Type Repeats	
		☑	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP.
		Section 6.4. Appendix C.	Provide the page or location in the UWMP.
		☐	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available (AF)	% of Average Supply
Average Year	2003		100%
Single-Dry Year	1977		
Multiple-Dry Years 1st Year	1931		
Multiple-Dry Years 2nd Year	1932		
Multiple-Dry Years 3rd Year	1933		
Multiple-Dry Years 4th Year (Optional)	1934		
Multiple-Dry Years 5th Year (Optional)			
Multiple-Dry Years 6th Year (Optional)			

Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of the Table 7-1 are being used and identify the particular water source that is being reported in each table.

NOTES	Base year discussion and supply quantification can be found in UWMP Section 6.4 and Appendix C.

Revert Changes | Save and Exit

- Castaic Lake Water Agency Santa Clarita Water Division

Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Att

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-2 Retail: Normal Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals (autofill from Table 6-9)	46,396	48,543	47,296	47,596	48,258
Demand totals (autofill from Table 4-3)	28,400	29,100	29,900	30,800	32,400
Difference	17,996	19,443	17,396	16,796	15,858
NOTES					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Castaic Lake Water Agency Santa Clarita Water Division

> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy >

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-3 Retail: Single Dry Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals	42,295	44,103	47,894	47,276	46,927
Demand totals	31,240	32,010	32,890	33,880	35,640
Difference	11,055	12,093	15,004	13,396	11,287
NOTES	Appendix C Tables C-5 and C-6				

Revert Changes | Save and Exit

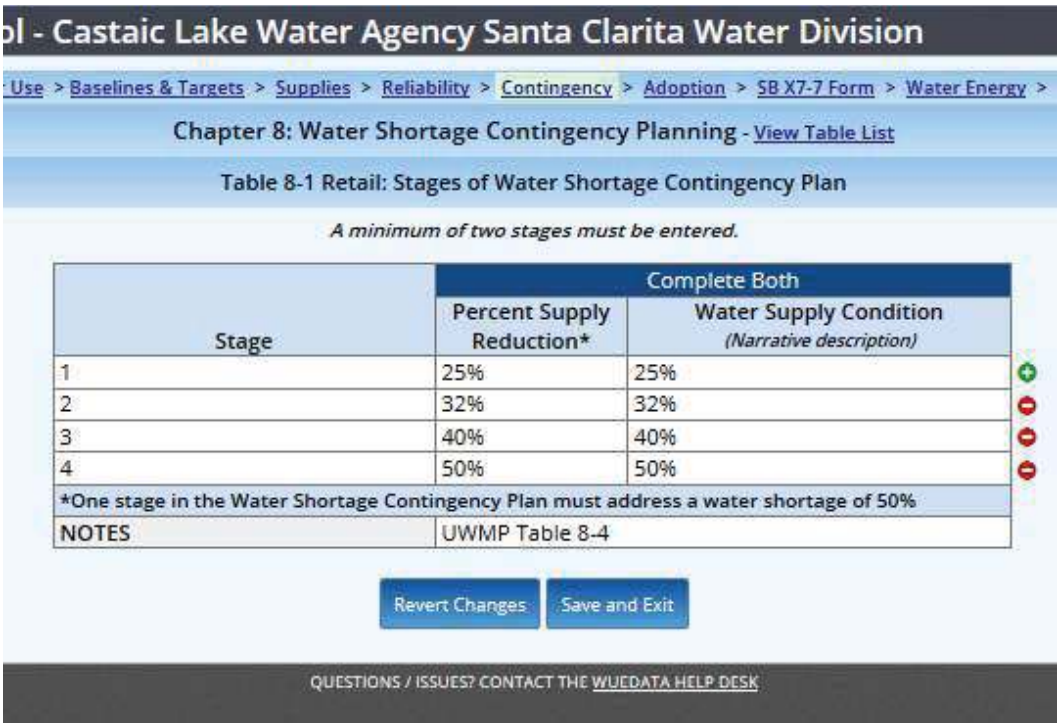
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison

		2020	2025	2030	2035	2040 (opt)
First Year	Supply totals (AF)	53,319	55,336	58,525	58,257	58,469
	Demand totals (AF)	31,240	32,010	32,890	33,880	35,640
	Difference (AF)	22,079	23,326	25,635	24,377	22,829
Second Year	Supply totals (AF)	53,319	55,336	58,525	58,257	58,469
	Demand totals (AF)	31,240	32,010	32,890	33,880	35,640
	Difference (AF)	22,079	23,326	25,635	24,377	22,829
Third Year	Supply totals (AF)	53,319	55,336	58,525	58,257	58,469
	Demand totals (AF)	31,240	32,010	32,890	33,880	35,640
	Difference (AF)	22,079	23,326	25,635	24,377	22,829
Fourth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
Fifth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
Sixth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
NOTES	Data from UWMP Appendix C Tables C-8A and C-9A. For purposes of Table 7-4 above, supplies and demands are assumed to be the same for each year of the multiple dry-year period. Projections for a three-year dry period are found in Appendix C, Tables C-8B and C-9B.					

Revert Changes | Save and Exit



ol - Castaic Lake Water Agency Santa Clarita Water Division

Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy >

Chapter 8: Water Shortage Contingency Planning - View Table List

Table 8-1 Retail: Stages of Water Shortage Contingency Plan

A minimum of two stages must be entered.

Stage	Complete Both	
	Percent Supply Reduction*	Water Supply Condition *(Narrative description)*
1	25%	25%
2	32%	32%
3	40%	40%
4	50%	50%
*One stage in the Water Shortage Contingency Plan must address a water shortage of 50%		
NOTES	UWMP Table 8-4	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses

A minimum of two stages must be entered.

Stage *(as designated in Table 8-1)*	Restrictions and Prohibitions on End Users	Additional Explanation or Reference *(optional)*	Penalty, Charge, or Other Enforcement?
At all times	Landscape - Other landscape restriction or prohibition	Irrigating outdoor lawns, turf, or vegetated area of landscape during and within 48 hours after measurable precipitation	Yes
At all times	Landscape - Other landscape restriction or prohibition	The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development	Yes
At all times	Landscape - Limit landscape irrigation to specific times	Watering or irrigating of outdoor lawns, turf, landscape or other vegetated area with potable water during 9 a.m. to 5 p.m. on all days except by use of hand-held bucket or similar container or for very short periods of time for the purpose of adjusting or repairing an irrigation system	Yes
At all times	Landscape - Other landscape restriction or prohibition	Watering or irrigating outdoor lawns, turf, landscape, or other vegetated area with potable water using a landscape irrigation system or watering device that is not continuously attended for more than ten minutes per day per station. Excludes low-flow drip irrigation systems.	Yes
At all times	Landscape - Other landscape restriction or prohibition	The irrigation with potable water of ornamental turf on public street medians	Yes
At all times	CII - Restaurants may only serve water upon request	Restaurants and other food service establishments may not serve water to customers unless requested	Yes
At all times	CII - Lodging establishment must offer opt out of linen service	Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered.	Yes
At all times	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	All water system leaks must be repaired within 24 hours of detection or notification of such.	Yes
Level 1	Landscape - Limit landscape irrigation to specific days	During the months of April, May, June, July, August, September and October, outdoor irrigation of ornamental landscapes or turf with potable water is restricted to no more than three (3) days per week. Customers with street addresses ending in an odd number (1, 3, 5, 7 or 9) can water on Monday, Wednesday and Friday. Customers with street addresses ending in an even number (0, 2, 4, 6 or 8) can water Tuesday, Thursday and Sunday. No watering is allowed on Saturday.	Yes
Level 1	Landscape - Limit landscape irrigation to specific days	During the months of November, December, January, February and March outdoor irrigation of ornamental landscapes or turf with potable water is restricted to no more than two (2) days per week. Customers with street addresses ending in an odd number (1, 3, 5, 7 or 9) can water on Monday and Thursday. Customers with street addresses ending in an even number (0, 2, 4, 6 or 8) can water Tuesday and Friday. No watering is allowed on Wednesday, Saturday and Sunday.	Yes

Level 2	Landscape - Limit landscape irrigation to specific days	Outdoor irrigation of ornamental landscapes or turf with potable water is restricted to no more than two (2) days per week. Customers with street addresses ending in an odd number (1, 3, 5, 7 or 9) may only water on Monday and Thursday. Customers with street addresses ending in an even number (0, 2, 4, 6 or 8) can water Tuesday and Friday. Outdoor irrigation of ornamental landscapes or turf with potable water is prohibited on Wednesdays, Saturdays, and Sundays.	Yes
Level 3	Landscape - Limit landscape irrigation to specific days	Outdoor irrigation of ornamental landscapes or turf with potable water is restricted to one (1) day per week. Customers with street addresses ending in an odd number (1, 3, 5, 7 or 9) may only water on Monday. Customers with street addresses ending in an even number (0, 2, 4, 6 or 8) may only water on Thursday. Outdoor irrigation of ornamental landscapes or turf with potable water is prohibited on Tuesdays, Wednesdays, Fridays, Saturdays, and Sundays.	Yes
Level 4	Other	Watering or irrigating of outdoor lawns, landscape, or other vegetated area with potable water is prohibited.	Yes
Level 4	Other	No new potable water service will be provided, no new temporary meters or permanent meters will be provided, and no statements of immediate ability to serve or provide potable water service will be issued. (some exceptions apply)	Yes
NOTES	UWMP Table 8-9		

Revert Changes | Save and Exit

Chapter 8: Water Shortage Contingency Planning - View Table List

Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods

A minimum of two stages must be entered.

Stage *(as designated in Table 8-1)*	Consumption Reduction Methods by Water Supplier	Additional Explanation or Reference *(optional)*
All Stages	Other	Consumption limits will be set for each customer type, based on percentage reduction according to stages. For residential uses, a combination of per-capita and percentage reduction will be implemented.
All Stages	Moratorium or Net Zero Demand Increase on New Connections	A recommendation will be made to City and County building departments to delay issuance of building permits until mandatory rationing is rescinded.
All Stages	Other	Limitations on water used for water features will be based on severity of water shortage.
NOTES	UWMP Section 8.6	

Revert Changes | Save and Exit

: Lake Water Agency Santa Clarita Water Division

& Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water E

Chapter 8: Water Shortage Contingency Planning - View Table List

Table 8-4 Retail: Minimum Supply Next Three Years

	2016	2017	2018
Available Water Supply (AF)	94,252	105,027	105,027
NOTES	UWMP Table 8-14. Supplies shown here reflect total projected minimum supplies available to the CLWA service area during the next three years. Minimum supplies broken down by purveyor were not available.		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

astaic Lake Water Agency Santa Clarita Water Division

Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy

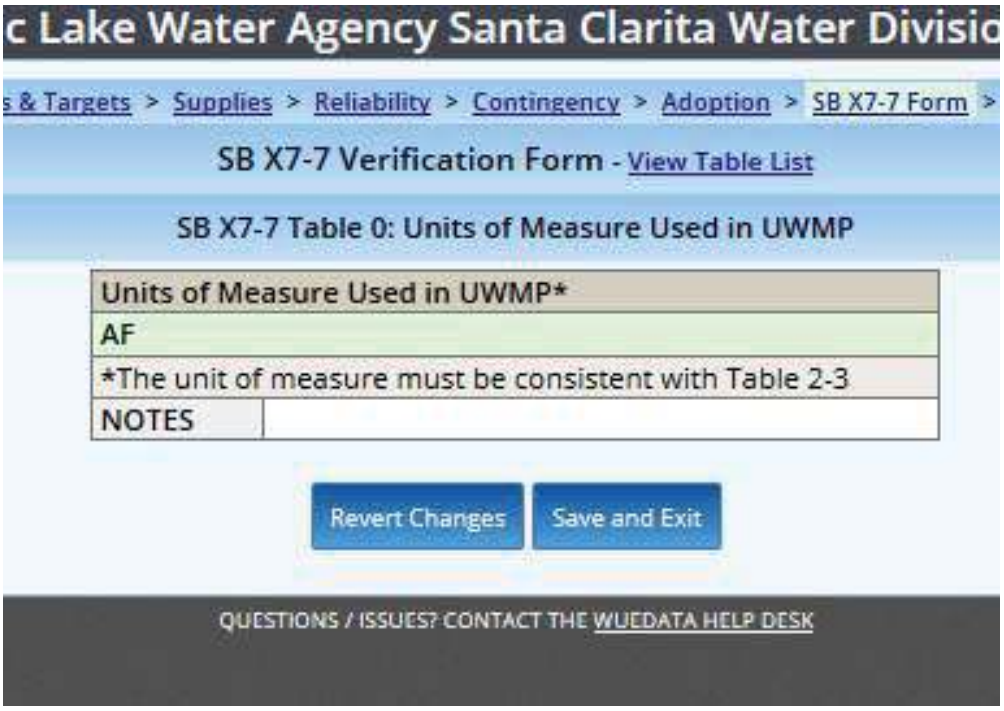
Chapter 10: Plan Adoption, Submittal, and Implementation - View Table List

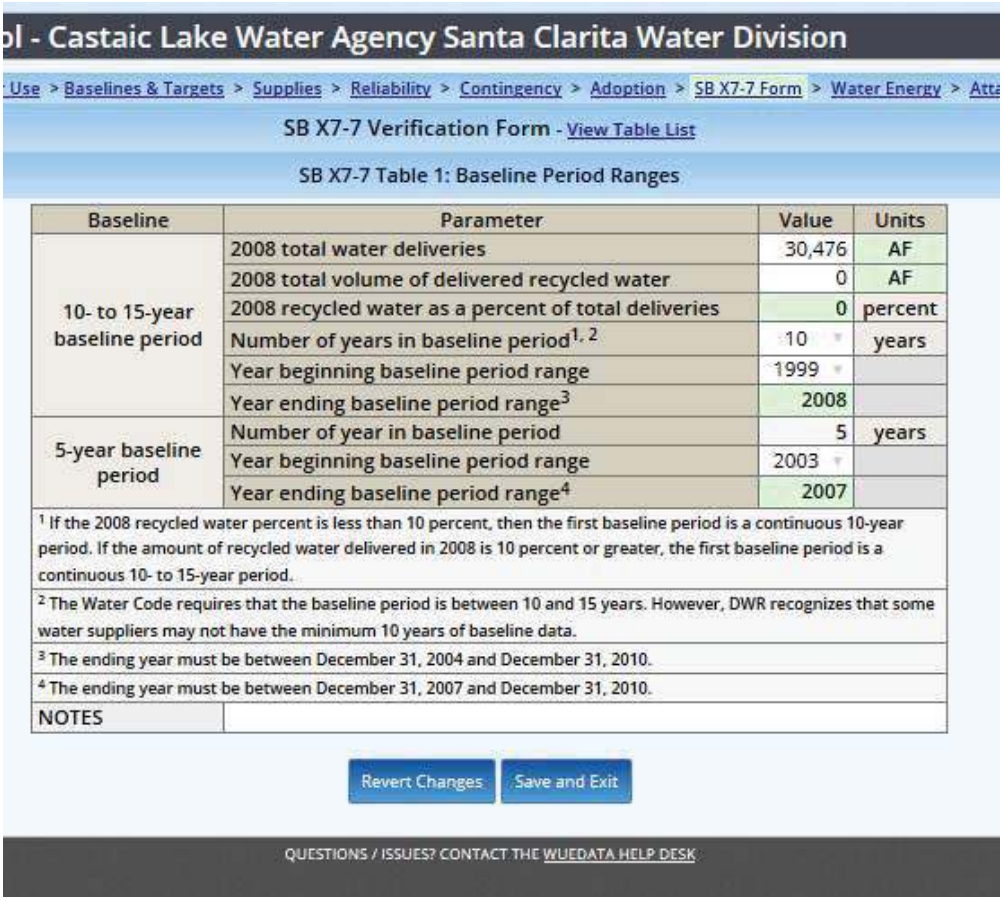
Table 10-1 Retail: Notification to Cities and Counties

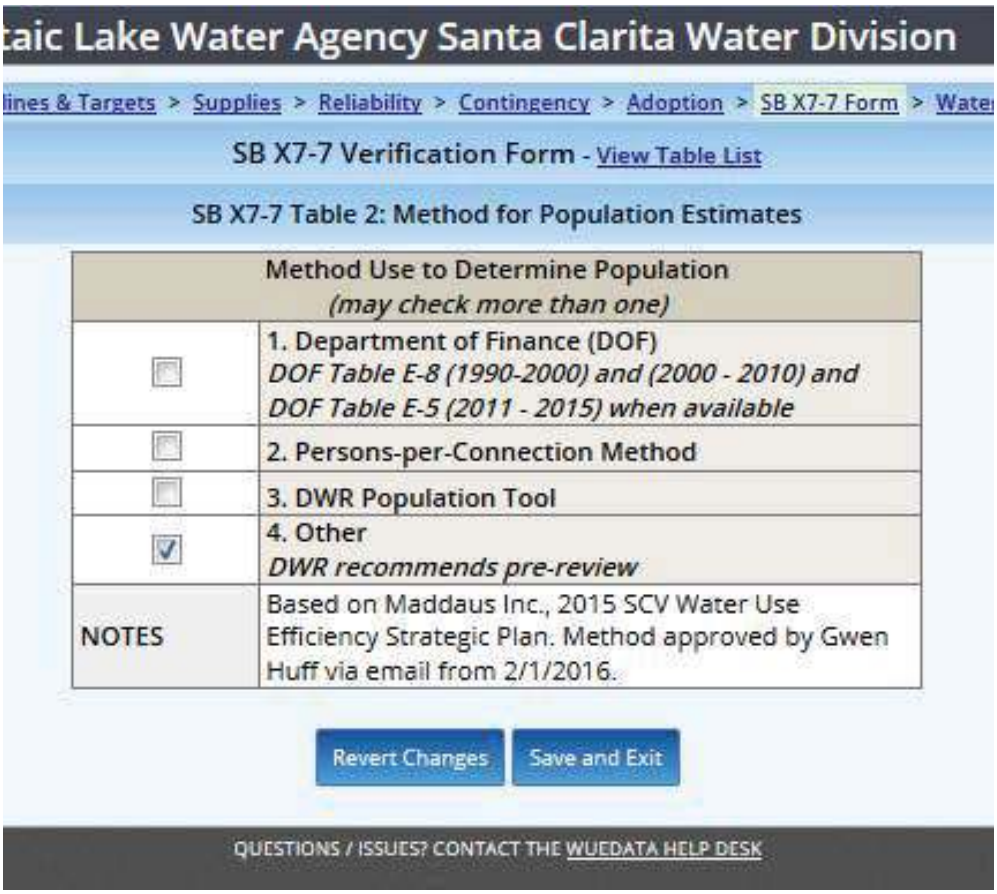
City Name	60 Day Notice	Notice of Public Hearing
Santa Clarita	☑	☑
County Name	**60 Day Notice**	**Notice of Public Hearing**
Los Angeles County	☑	☑
NOTES	UWMP Table 1-2 and Appendix E	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


c Lake Water Agency Santa Clarita Water Divisio
s & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form >
SB X7-7 Verification Form - View Table List
SB X7-7 Table 0: Units of Measure Used in UWMP
Units of Measure Used in UWMP*
AF
*The unit of measure must be consistent with Table 2-3
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


ol - Castaic Lake Water Agency Santa Clarita Water Division
Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Atta
SB X7-7 Verification Form - View Table List
SB X7-7 Table 1: Baseline Period Ranges
Baseline
Parameter
Value
Units
10- to 15-year baseline period
2008 total water deliveries
30,476
AF
2008 total volume of delivered recycled water
0
AF
2008 recycled water as a percent of total deliveries
0
percent
Number of years in baseline period[1, 2]
10
years
Year beginning baseline period range
1999
Year ending baseline period range[3]
2008
5-year baseline period
Number of year in baseline period
5
years
Year beginning baseline period range
2003
Year ending baseline period range[4]
2007
[1] If the 2008 recycled water percent is less than 10 percent, then the first baseline period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first baseline period is a continuous 10- to 15-year period.
[2] The Water Code requires that the baseline period is between 10 and 15 years. However, DWR recognizes that some water suppliers may not have the minimum 10 years of baseline data.
[3] The ending year must be between December 31, 2004 and December 31, 2010.
[4] The ending year must be between December 31, 2007 and December 31, 2010.
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


taic Lake Water Agency Santa Clarita Water Division
lines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Wate
SB X7-7 Verification Form - View Table List
SB X7-7 Table 2: Method for Population Estimates
Method Use to Determine Population
(may check more than one)
1. Department of Finance (DOF)
DOF Table E-8 (1990-2000) and (2000 - 2010) and
DOF Table E-5 (2011 - 2015) when available
2. Persons-per-Connection Method
3. DWR Population Tool
4. Other
DWR recommends pre-review
NOTES
Based on Maddaus Inc., 2015 SCV Water Use Efficiency Strategic Plan. Method approved by Gwen Huff via email from 2/1/2016.
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Water Agency Santa Clarita Water Div

> Supplies > Reliability > Contingency > Adoption > SB X7-7 Fo

SB X7-7 Verification Form - View Table List

SB X7-7 Table 3: Service Area Population

Year		Population
10 to 15 Year Baseline Population		
Year 1	1999	83,927
Year 2	2000	87,455
Year 3	2001	91,348
Year 4	2002	94,674
Year 5	2003	97,602
Year 6	2004	101,700
Year 7	2005	105,967
Year 8	2006	109,736
Year 9	2007	112,846
Year 10	2008	113,364
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1	2003	97,602
Year 2	2004	101,700
Year 3	2005	105,967
Year 4	2006	109,736
Year 5	2007	112,846
2015 Compliance Year Population		
2015		122,700
NOTES	UWMP Tables 2-12 and 2-17	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4: Annual Gross Water Use

	Baseline Year *Fm SB X7-7 Table 3*	Volume Into Distribution System *(this column will remain blank until SB X7-7 Table 4-A is completed)* (AF)	Deductions					Annual Gross Water Use (AF)
			Exported Water (AF)	Change in Dist. System Storage (+/-) (AF)	Indirect Recycled Water *(this column will remain blank until SB X7-7 Table 4-B is completed)* (AF)	Water Delivered for Agricultural Use (AF)	Process Water *(from SB X7-7 Table 4-D)* (AF)	
10 to 15 Year Baseline - Gross Water Use								
Year 1	1999	24,513			0			24,513
Year 2	2000	25,280			0			25,280
Year 3	2001	25,589			0			25,589
Year 4	2002	28,429			0			28,429
Year 5	2003	27,089			0			27,089
Year 6	2004	29,191			0			29,191
Year 7	2005	28,884			0			28,884
Year 8	2006	29,704			0			29,704
Year 9	2007	31,174			0			31,174
Year 10	2008	30,476			0			30,476
Year 11					0			
Year 12					0			
Year 13					0			
Year 14					0			
Year 15					0			
10 - 15 year baseline average gross water use								28,033
5 Year Baseline - Gross Water Use								
Year 1	2003	27,089			0			27,089
Year 2	2004	29,191			0			29,191
Year 3	2005	28,884			0			28,884
Year 4	2006	29,704			0			29,704
Year 5	2007	31,174			0			31,174
5 year baseline average gross water use								29,208
2015 Compliance Year - Gross Water Use								
2015		21,783			0			21,783
* NOTE that the units of measure must remain consistent throught the UWMP, as reported in Table 2-3								
NOTES								

Revert Changes | Save and Exit

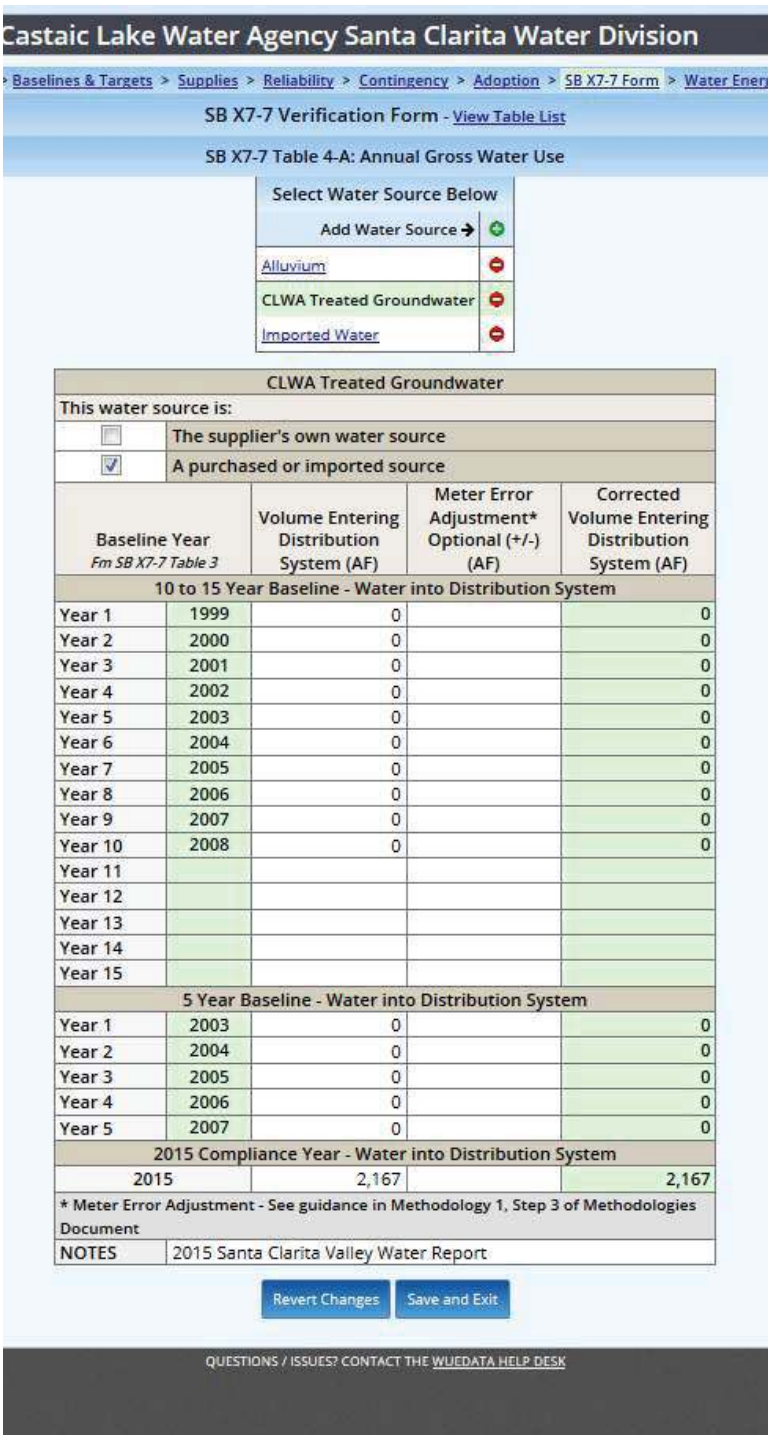
SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below	
Add Water Source →	⊕
Alluvium	⊖
CLWA Treated Groundwater	⊖
Imported Water	⊖

Alluvium				
This water source is:				
☑	The supplier's own water source			
☐	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1999	13,741		13,741
Year 2	2000	11,529		11,529
Year 3	2001	9,941		9,941
Year 4	2002	9,513		9,513
Year 5	2003	6,424		6,424
Year 6	2004	7,146		7,146
Year 7	2005	12,408		12,408
Year 8	2006	13,156		13,156
Year 9	2007	10,686		10,686
Year 10	2008	11,878		11,878
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	6,424		6,424
Year 2	2004	7,146		7,146
Year 3	2005	12,408		12,408
Year 4	2006	13,156		13,156
Year 5	2007	10,686		10,686
2015 Compliance Year - Water into Distribution System				
2015		4,597		4,597
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES	2015 Santa Clarita Valley Water Report			

Revert Changes | Save and Exit



Castaic Lake Water Agency Santa Clarita Water Division

Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Ener

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below	
Add Water Source →	⊕
Alluvium	⊖
CLWA Treated Groundwater	⊖
Imported Water	⊖

CLWA Treated Groundwater				
This water source is:				
☐	The supplier's own water source			
☑	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1999	0		0
Year 2	2000	0		0
Year 3	2001	0		0
Year 4	2002	0		0
Year 5	2003	0		0
Year 6	2004	0		0
Year 7	2005	0		0
Year 8	2006	0		0
Year 9	2007	0		0
Year 10	2008	0		0
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	0		0
Year 2	2004	0		0
Year 3	2005	0		0
Year 4	2006	0		0
Year 5	2007	0		0
2015 Compliance Year - Water into Distribution System				
2015		2,167		2,167
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES	2015 Santa Clarita Valley Water Report			

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below

Add Water Source →

- Alluvium
- CLWA Treated Groundwater
- Imported Water

Imported Water				
This water source is:				
☐	The supplier's own water source			
☑	A purchased or imported source			
Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1999	10,772		10,772
Year 2	2000	13,751		13,751
Year 3	2001	15,648		15,648
Year 4	2002	18,916		18,916
Year 5	2003	20,665		20,665
Year 6	2004	22,045		22,045
Year 7	2005	16,476		16,476
Year 8	2006	16,548		16,548
Year 9	2007	20,488		20,488
Year 10	2008	18,598		18,598
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	20,665		20,665
Year 2	2004	22,045		22,045
Year 3	2005	16,476		16,476
Year 4	2006	16,548		16,548
Year 5	2007	20,488		20,488
2015 Compliance Year - Water into Distribution System				
2015		15,019		15,019
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES	2015 Santa Clarita Valley Water Report			

Revert Changes | Save and Exit

/secure/uwmp_tool.asp?wuedata_plan_id=444

Search

ata - UWMP Tool - Castaic Lake Water Agency Santa Clarita Water Division

aration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-B: Indirect Recycled Water Use Deduction

Baseline Year *Fm SB X7-7 Table 3*		Surface Reservoir Augmentation					Groundwater Recharge			Total Deductible Volume of Indirect Recycled Water Entering the Distribution System (AF)
		Volume Discharged from Reservoir for Distribution System Delivery (AF)	Percent Recycled Water	Recycled Water Delivered to Treatment Plant (AF)	Transmission / Treatment Loss (AF)	Recycled Volume Entering Distribution System from Surface Reservoir Augmentatio (AF)	Recycled Water Pumped by Utility* (AF)	Transmission / Treatment Losses (AF)	Recycled Volume Entering Distribution System from Groundwater Recharge (AF)	
10 to 15 Year Baseline - Indirect Recycled Water Use										
Year 1	1999			0		0			0	0
Year 2	2000			0		0			0	0
Year 3	2001			0		0			0	0
Year 4	2002			0		0			0	0
Year 5	2003			0		0			0	0
Year 6	2004			0		0			0	0
Year 7	2005			0		0			0	0
Year 8	2006			0		0			0	0
Year 9	2007			0		0			0	0
Year 10	2008			0		0			0	0
Year 11										
Year 12										
Year 13										
Year 14										
Year 15										
5 Year Baseline - Indirect Recylced Water Use										
Year 1	2003			0		0			0	0
Year 2	2004			0		0			0	0
Year 3	2005			0		0			0	0
Year 4	2006			0		0			0	0
Year 5	2007			0		0			0	0
2015 Compliance - Indirect Recycled Water Use										
2015				0		0			0	0
*Suppliers will provide supplemental sheets to document the calculation for their input into "Recycled Water Pumped by Utility". The volume reported in this cell must be less than total groundwater pumped - See Methodology 1, Step 8, section 2.c.										
NOTES										

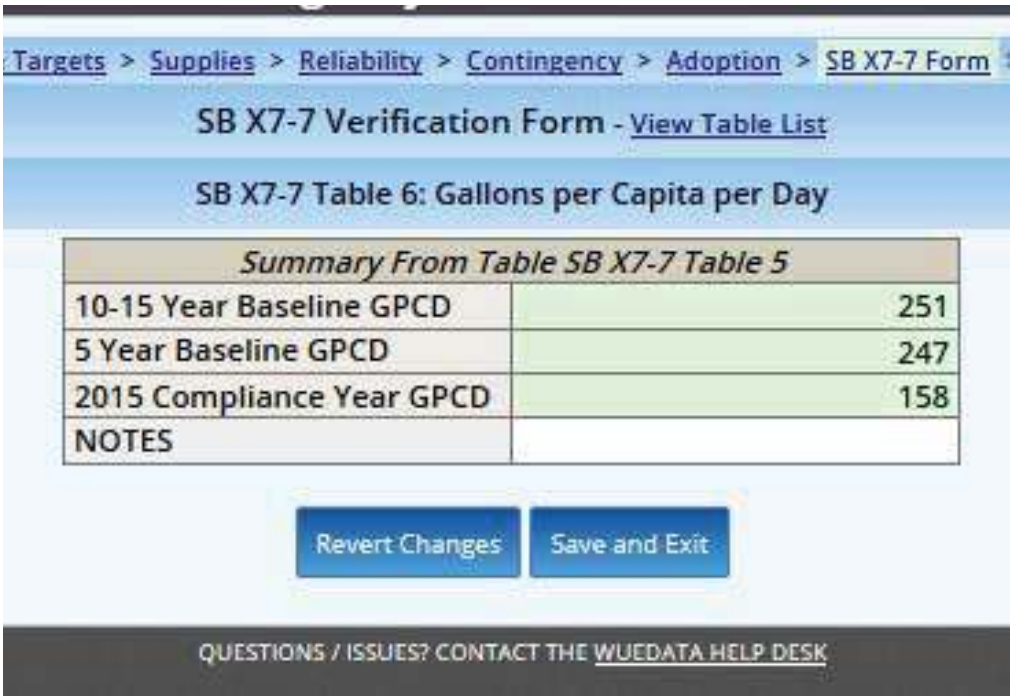
Revert Changes | Save and Exit

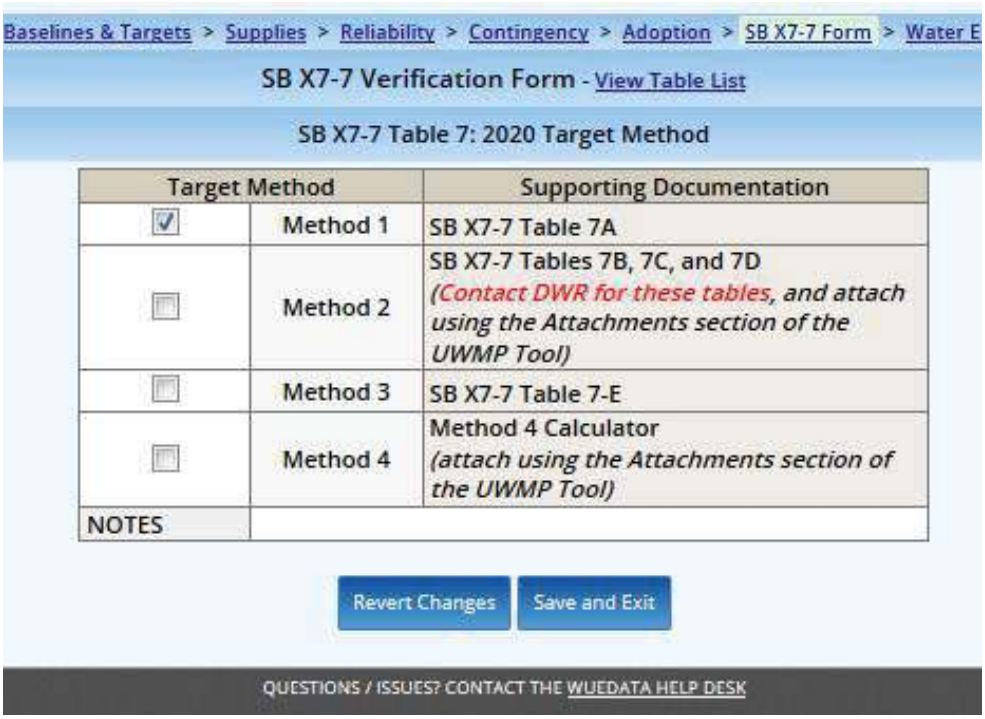
SB X7-7 Verification Form - View Table List

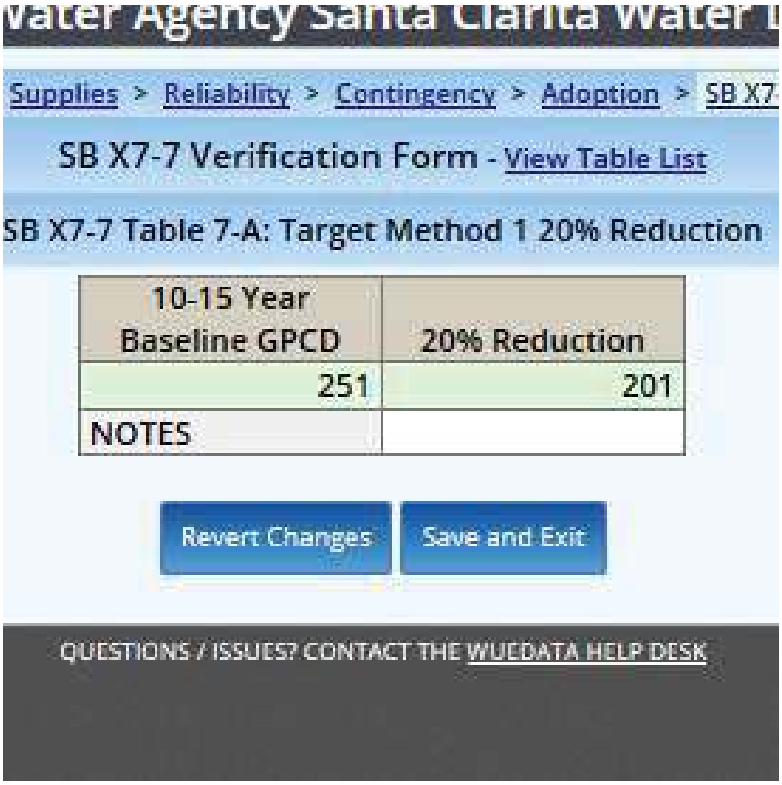
SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)

Baseline Year *From SB X7-7 Table 3*		Service Area Population *From SB X7-7 Table 3*	Annual Gross Water Use *From SB X7-7 Table 4* (AF)	Daily Per Capita Water Use (GPCD)
10 to 15 Year Baseline GPCD				
Year 1	1999	83,927	24,513	261
Year 2	2000	87,455	25,280	258
Year 3	2001	91,348	25,589	250
Year 4	2002	94,674	28,429	268
Year 5	2003	97,602	27,089	248
Year 6	2004	101,700	29,191	256
Year 7	2005	105,967	28,884	243
Year 8	2006	109,736	29,704	242
Year 9	2007	112,846	31,174	247
Year 10	2008	113,364	30,476	240
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
10 - 15 Year Average Baseline GPCD				251
5 Year Baseline GPCD				
Year 1	2003	97,602	27,089	248
Year 2	2004	101,700	29,191	256
Year 3	2005	105,967	28,884	243
Year 4	2006	109,736	29,704	242
Year 5	2007	112,846	31,174	247
5 Year Average Baseline GPCD				247
2015 Compliance Year GPCD				
2015		122,700	21,783	158
NOTES				

Revert Changes | Save and Exit


Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form
SB X7-7 Verification Form - View Table List
SB X7-7 Table 6: Gallons per Capita per Day
Summary From Table SB X7-7 Table 5
10-15 Year Baseline GPCD 251
5 Year Baseline GPCD 247
2015 Compliance Year GPCD 158
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water E
SB X7-7 Verification Form - View Table List
SB X7-7 Table 7: 2020 Target Method
Target Method
Supporting Documentation
Method 1
SB X7-7 Table 7A
Method 2
SB X7-7 Tables 7B, 7C, and 7D
(Contact DWR for these tables, and attach using the Attachments section of the UWMP Tool)
Method 3
SB X7-7 Table 7-E
Method 4
Method 4 Calculator
(attach using the Attachments section of the UWMP Tool)
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



Water Agency Santa Clarita Water

Supplies > Reliability > Contingency > Adoption > SB X7-

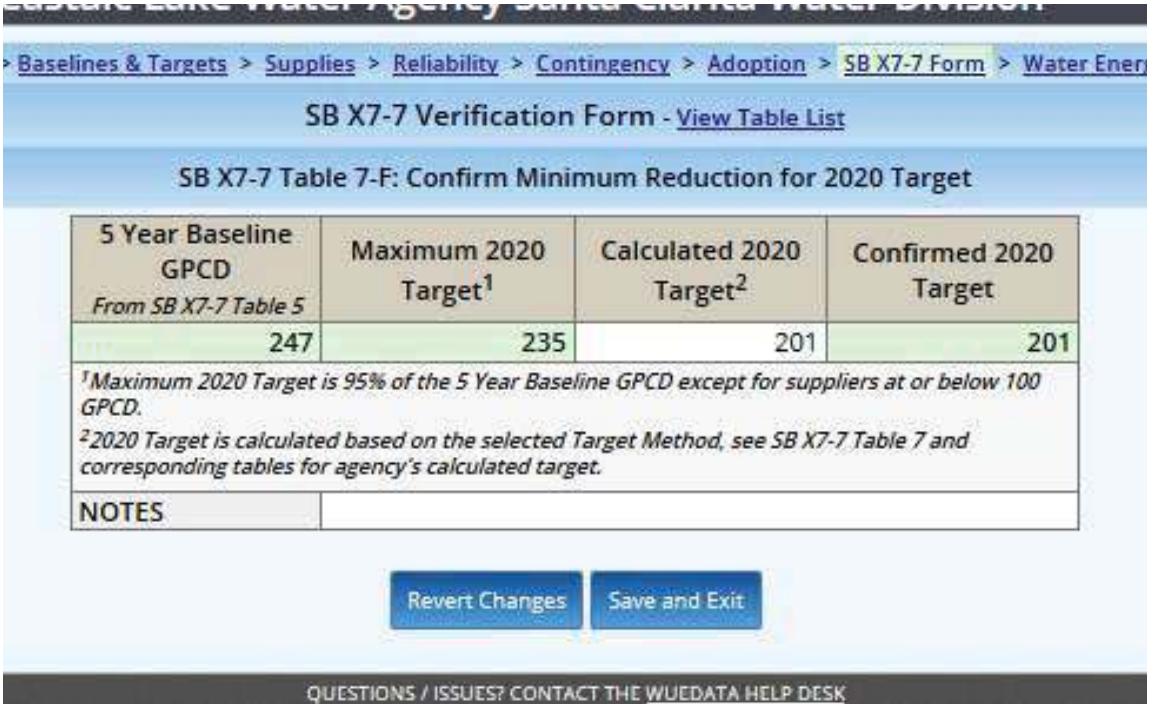
SB X7-7 Verification Form - View Table List

SB X7-7 Table 7-A: Target Method 1 20% Reduction

10-15 Year Baseline GPCD	20% Reduction
251	201
NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Ener

SB X7-7 Verification Form - View Table List

SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target

5 Year Baseline GPCD *From SB X7-7 Table 5*	Maximum 2020 Target[1]	Calculated 2020 Target[2]	Confirmed 2020 Target
247	235	201	201

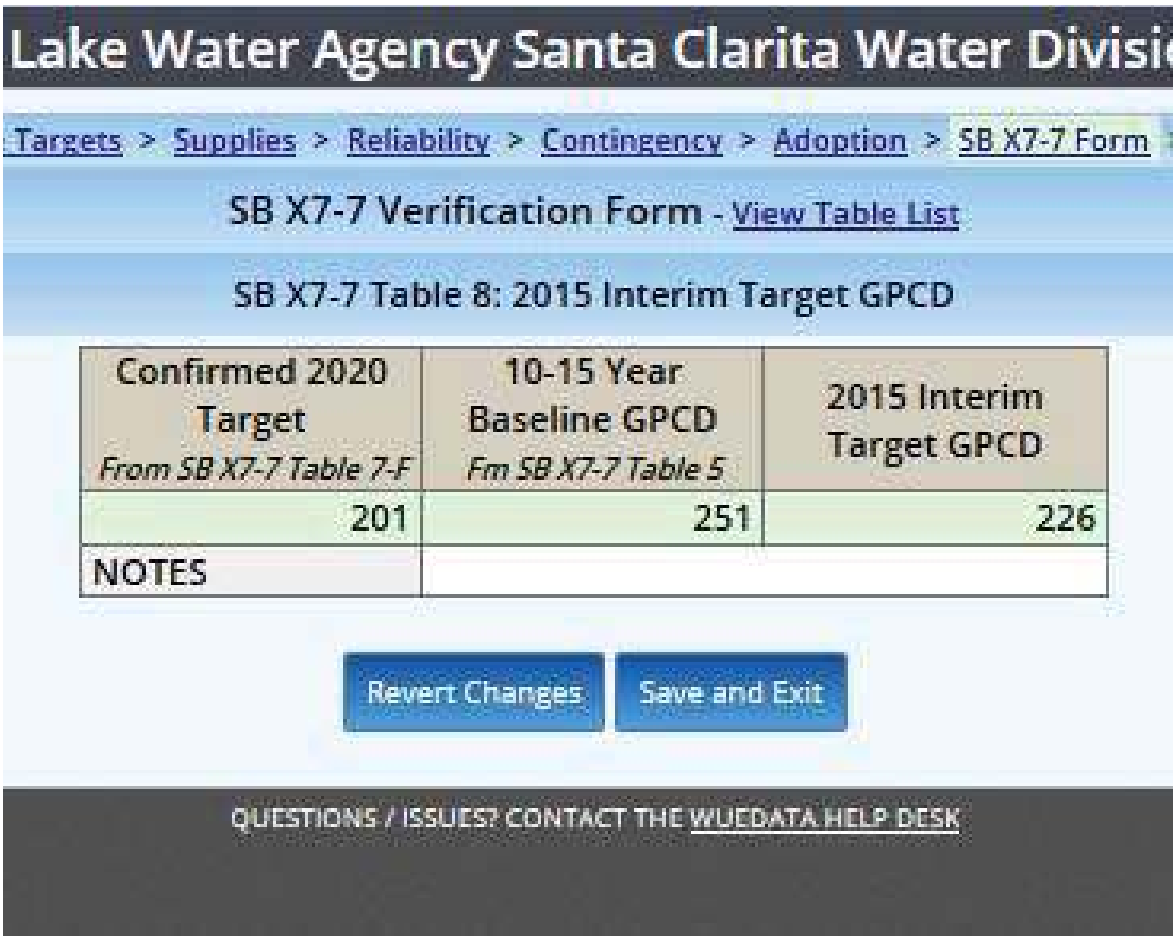
[1]Maximum 2020 Target is 95% of the 5 Year Baseline GPCD except for suppliers at or below 100 GPCD.

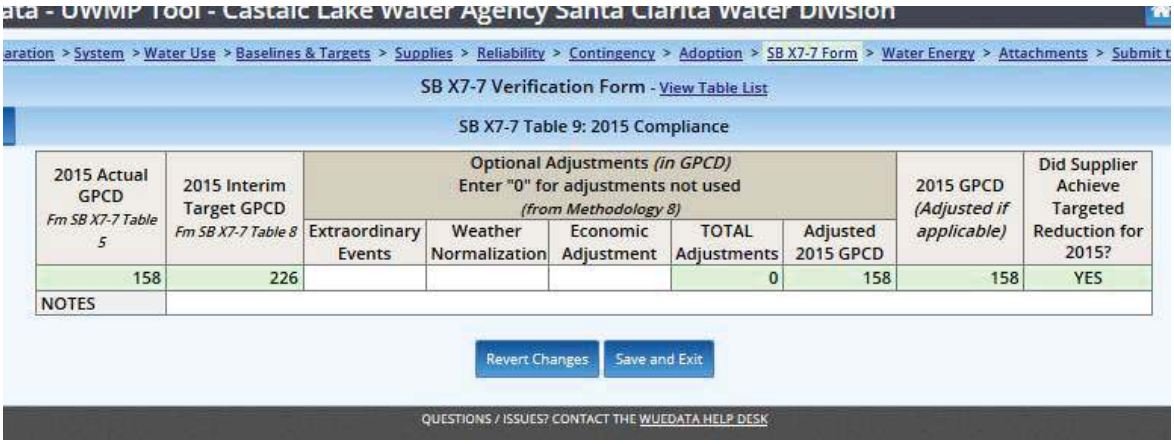
[2]2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.

NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


Lake Water Agency Santa Clarita Water Divisi
Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form
SB X7-7 Verification Form - View Table List
SB X7-7 Table 8: 2015 Interim Target GPCD
Confirmed 2020 Target
From SB X7-7 Table 7-F
10-15 Year Baseline GPCD
Fm SB X7-7 Table 5
2015 Interim Target GPCD
201
251
226
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


Water Agency Santa Clarita Water Division
aration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit t
SB X7-7 Verification Form - View Table List
SB X7-7 Table 9: 2015 Compliance
2015 Actual GPCD
Fm SB X7-7 Table 5
2015 Interim Target GPCD
Fm SB X7-7 Table 8
Optional Adjustments (in GPCD)
Enter "0" for adjustments not used
(from Methodology 8)
Extraordinary Events
Weather Normalization
Economic Adjustment
TOTAL Adjustments
Adjusted 2015 GPCD
2015 GPCD (Adjusted if applicable)
Did Supplier Achieve Targeted Reduction for 2015?
158
226
0
158
158
YES
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

/MP Tool - Castaic Lake Water Agency Santa Clarita Water Division

tem > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachme

Attachments

Attachment Requirements	
Attachment Type	**Requirement**
Contact Info Worksheet	Required for **all** UWMPs. Click here to download an Excel template.
Documentation of UWMP Adoption*	Required for **all** UWMPs.
Individual Urban Water Management Plan	Required for **individual** UWMPs. ***Must be a searchable PDF.***
Regional Urban Water Management Plan	Required for **regional** UWMPs. ***Must be a searchable PDF.***
Water Audit Reporting Worksheet	Required for **all** UWMPs.

** Documentation of UWMP Adoption may be an adoption resolution from the water supplier's governing body, a statement citing the date and location of the UWMP adoption by the water supplier's governing body, meeting minutes that include UWMP adoption by the governing body, or other similar documentation.*

Other attachments may be applicable. See the Attachment Type drop-down for a complete list of options.

List of Uploaded Attachments			
Attachment Type	**Description**	**Filename**	**File Size**
Contact Info Worksheet	Contact Info Worksheet	WUEdata - UWMP Contact Info_SCWD.xlsx	11 KB
Water Audit Reporting Worksheet	Water Audit Reporting Worksheet	SCWD AWWA-WAS-v5-09152014.xlsx	1847 KB
Other	WUE Electronic Submittal Statement	SCWD WUE Electronic Submittal Statement.pdf	8 KB

Upload Attachments

FILE DESCRIPTION

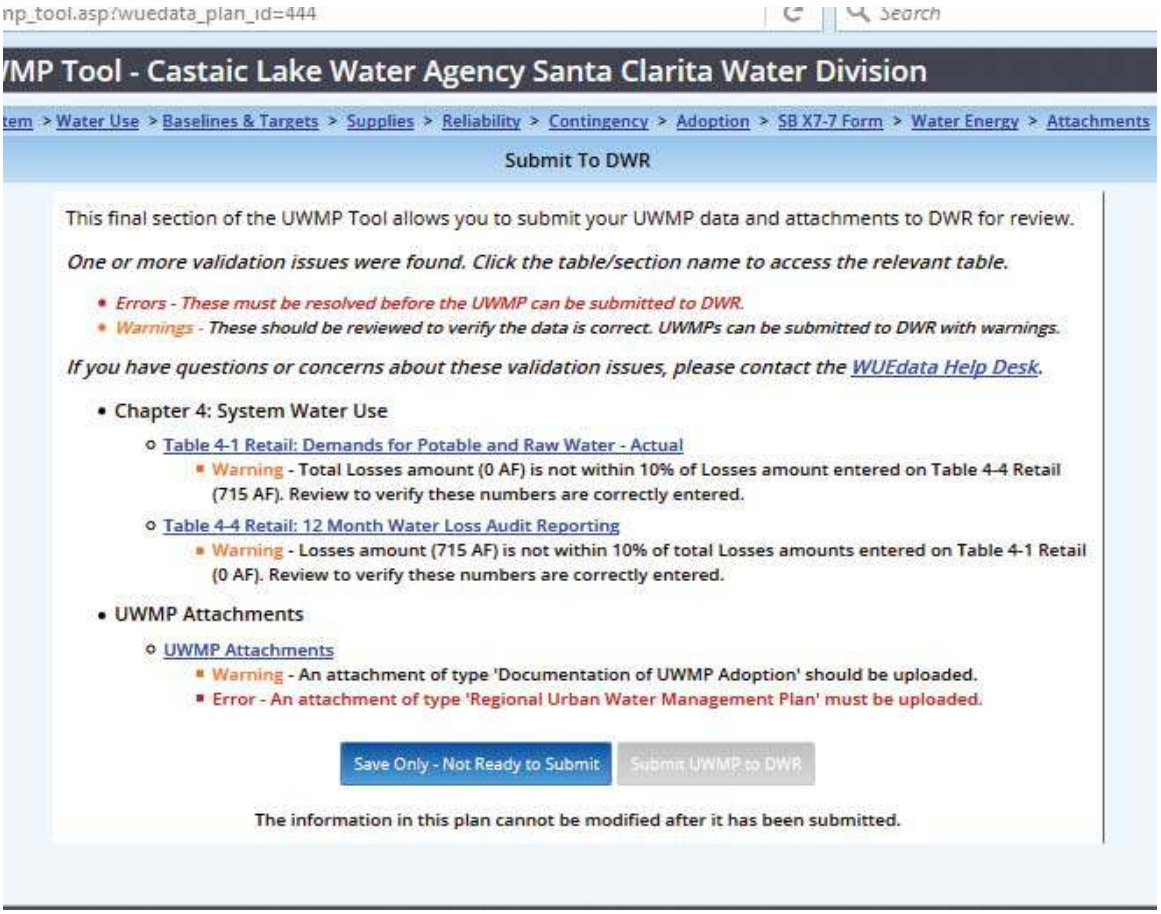
ATTACHMENT TYPE -- Select --

FILE PATH

Browse... No file selected. Upload Attachment

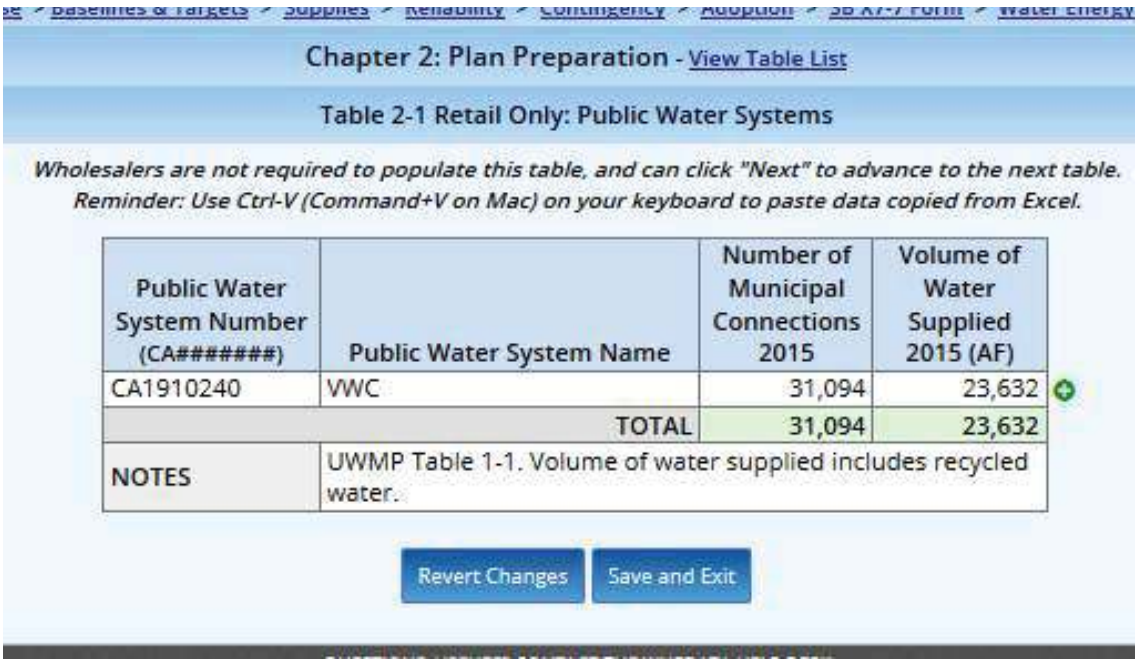
Revert Changes Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


np_tool.asp?wuedata_plan_id=444
Search
/MP Tool - Castaic Lake Water Agency Santa Clarita Water Division
tem > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments
Submit To DWR
This final section of the UWMP Tool allows you to submit your UWMP data and attachments to DWR for review.
One or more validation issues were found. Click the table/section name to access the relevant table.
Errors - These must be resolved before the UWMP can be submitted to DWR.
Warnings - These should be reviewed to verify the data is correct. UWMPs can be submitted to DWR with warnings.
If you have questions or concerns about these validation issues, please contact the WUEdata Help Desk.
Chapter 4: System Water Use
Table 4-1 Retail: Demands for Potable and Raw Water - Actual
Warning - Total Losses amount (0 AF) is not within 10% of Losses amount entered on Table 4-4 Retail (715 AF). Review to verify these numbers are correctly entered.
Table 4-4 Retail: 12 Month Water Loss Audit Reporting
Warning - Losses amount (715 AF) is not within 10% of total Losses amounts entered on Table 4-1 Retail (0 AF). Review to verify these numbers are correctly entered.
UWMP Attachments
UWMP Attachments
Warning - An attachment of type 'Documentation of UWMP Adoption' should be uploaded.
Error - An attachment of type 'Regional Urban Water Management Plan' must be uploaded.
Save Only - Not Ready to Submit
Submit UWMP to DWR
The information in this plan cannot be modified after it has been submitted.

Valencia Water Company

The information provided in the online WUEdata tables reflects data in the 2015 Santa Clarita Valley Urban Water Management Plan (UWMP) for the purpose of completing the online DWR WUEdata submittal. This submittal is not intended to be an electronic replica of the 2015 UWMP adopted by the Valencia Water Company Board of Directors on June 22, 2016. Nor does the Agency intend for this submittal to be an amendment, change or update to the 2015 UWMP.



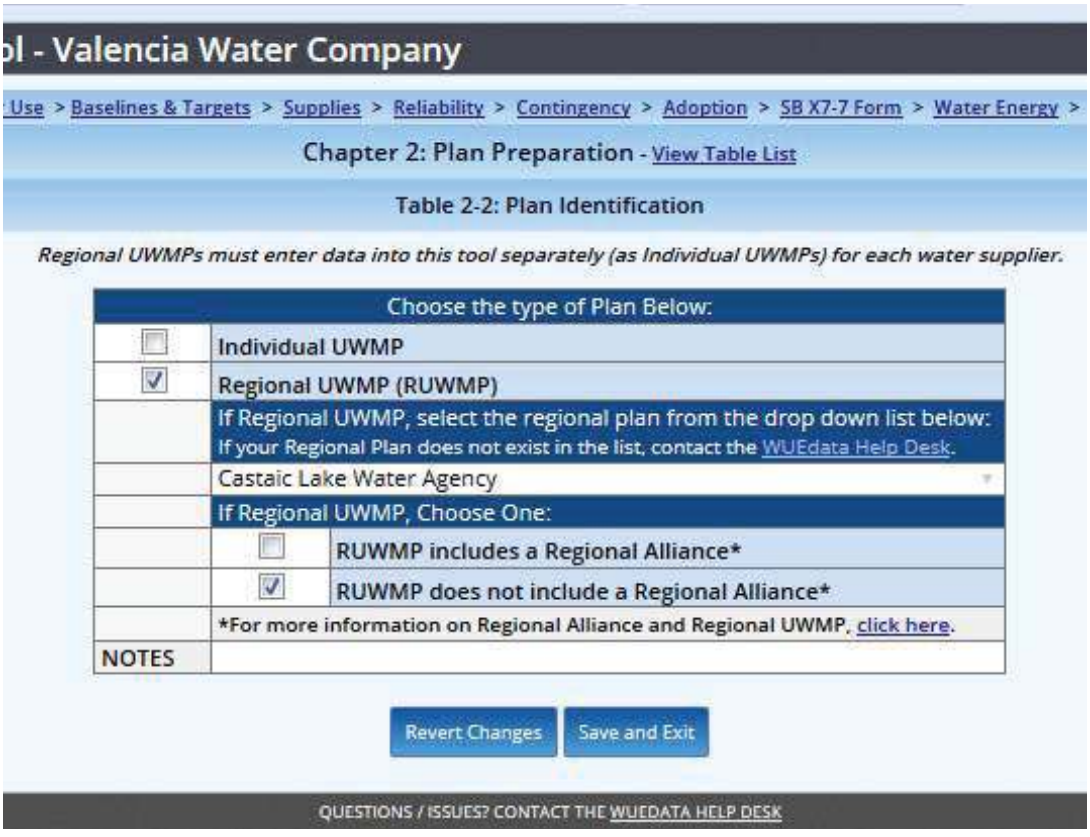
Chapter 2: Plan Preparation - View Table List

Table 2-1 Retail Only: Public Water Systems

Wholesalers are not required to populate this table, and can click "Next" to advance to the next table.
Reminder: Use Ctrl-V (Command+V on Mac) on your keyboard to paste data copied from Excel.

Public Water System Number (CA########)	Public Water System Name	Number of Municipal Connections 2015	Volume of Water Supplied 2015 (AF)
CA1910240	VWC	31,094	23,632
	TOTAL	31,094	23,632
NOTES	UWMP Table 1-1. Volume of water supplied includes recycled water.		

Revert Changes | Save and Exit



ol - Valencia Water Company

Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy >

Chapter 2: Plan Preparation - View Table List

Table 2-2: Plan Identification

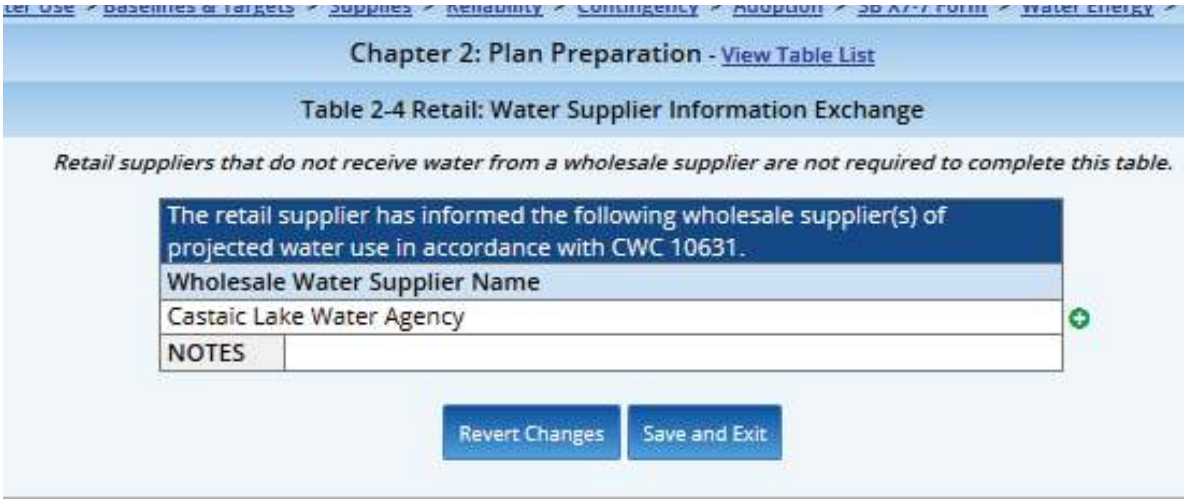
Regional UWMPs must enter data into this tool separately (as Individual UWMPs) for each water supplier.

Choose the type of Plan Below:		
☐	Individual UWMP	
☑	Regional UWMP (RUWMP)	
	If Regional UWMP, select the regional plan from the drop down list below: If your Regional Plan does not exist in the list, contact the WUEdata Help Desk.	
	Castaic Lake Water Agency	
	If Regional UWMP, Choose One:	
	☐	RUWMP includes a Regional Alliance*
	☑	RUWMP does not include a Regional Alliance*
	*For more information on Regional Alliance and Regional UWMP, click here.	
NOTES		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


> Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water En
Chapter 2: Plan Preparation - View Table List
Table 2-3: Agency Identification
Type of Agency (select one or both)
Agency is a wholesaler
Agency is a retailer
Fiscal or Calendar Year (select one)
UWMP Tables Are in Calendar Years
UWMP Tables Are in Fiscal Years
If Using Fiscal Years Provide Month and Date that the Fiscal Year Begins (mm/dd)
Units of Measure Used in UWMP (select from Drop down)
Unit
AF
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


Chapter 2: Plan Preparation - View Table List
Table 2-4 Retail: Water Supplier Information Exchange
Retail suppliers that do not receive water from a wholesale supplier are not required to complete this table.
The retail supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC 10631.
Wholesale Water Supplier Name
Castaic Lake Water Agency
NOTES
Revert Changes
Save and Exit

Chapter 3: System Description - View Table List

Table 3-1 Retail: Population - Current and Projected

Projected population estimates shall be based upon data from the state, regional, or local service agency population projections.
NOTE: Historical population estimates are reported for purposes of SB X7-7 in SB X7-7 Table 3.

	2015	2020	2025	2030	2035	2040 (opt)
Population Served	97,300	99,600	119,700	139,800	155,900	155,900
NOTES	UWMP Tables 2-12 and 2-13					

Revert Changes | Save and Exit

Chapter 4: System Water Use - View Table List

Table 4-1 Retail: Demands for Potable and Raw Water - Actual

Use Type	2015 Actual		
	Additional Description (as needed)	Level of Treatment When Delivered	Volume (AF)
Single Family		Drinking Water	10,310
Multi-Family		Drinking Water	1,332
Commercial		Drinking Water	3,016
Industrial		Drinking Water	997
Institutional/Governmental		Drinking Water	460
Landscape	Irrigation	Drinking Water	5,131
Other	*See notes below	Drinking Water	770
Other	Non-Revenue Water	Drinking Water	1,166
TOTAL			23,182
NOTES	*Other includes 212 AF of SCWD intertie water, non-potable (raw water) sales and other uses such as special residential and construction water uses. Values also found in UWMP Table 2-6. Non-Revenue Water may include unbilled authorized consumption and system water losses.		

Revert Changes | Save and Exit

a.water.ca.gov/secure/uwmp_tool.asp?wuedata_plan_id=428

Search

Edata - UWMP Tool - Valencia Water Company

Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DW

Chapter 4: System Water Use - View Table List

Table 4-2 Retail: Demands for Potable and Raw Water - Projected

Use Type	Additional Description (as needed)	Projected Water Use Report to the Extent that Records are Available				
		2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040-opt (AF)
Single Family		12,100	12,700	13,400	13,800	13,700
Multi-Family		1,500	2,400	3,200	3,900	3,900
Commercial		4,400	4,800	5,200	5,600	5,500
Industrial		1,600	1,900	2,300	2,500	2,500
Institutional/Governmental		700	800	900	1,000	1,000
Landscape	Irrigation	5,300	2,967	2,296	1,819	1,619
Other	*Potential recycled water demands. See notes below.	285	0	0	0	0
Other		0	0	100	100	100
Other	Non-Revenue Water	1,500	1,700	1,900	2,000	2,000
TOTAL		27,385	27,267	29,296	30,719	30,319
NOTES	Projections from UWMP Table 2-6, less recycled water projections from UWMP Table 4-3. *285 AF recycled water demands in 2020 under "Other" reflects potable demands that VWC anticipate could be met with recycled water in the future, but which exceed economically feasible projections for 2020. Recycled water demands that are projected to be economically feasible to meet (UWMP Table 4-3) are captured in Table 6-4 and deducted from this table (Table 4-2). Non-Revenue Water may include unbilled authorized consumption and system water losses.					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

WMP Tool - Valencia Water Company

ystem > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments

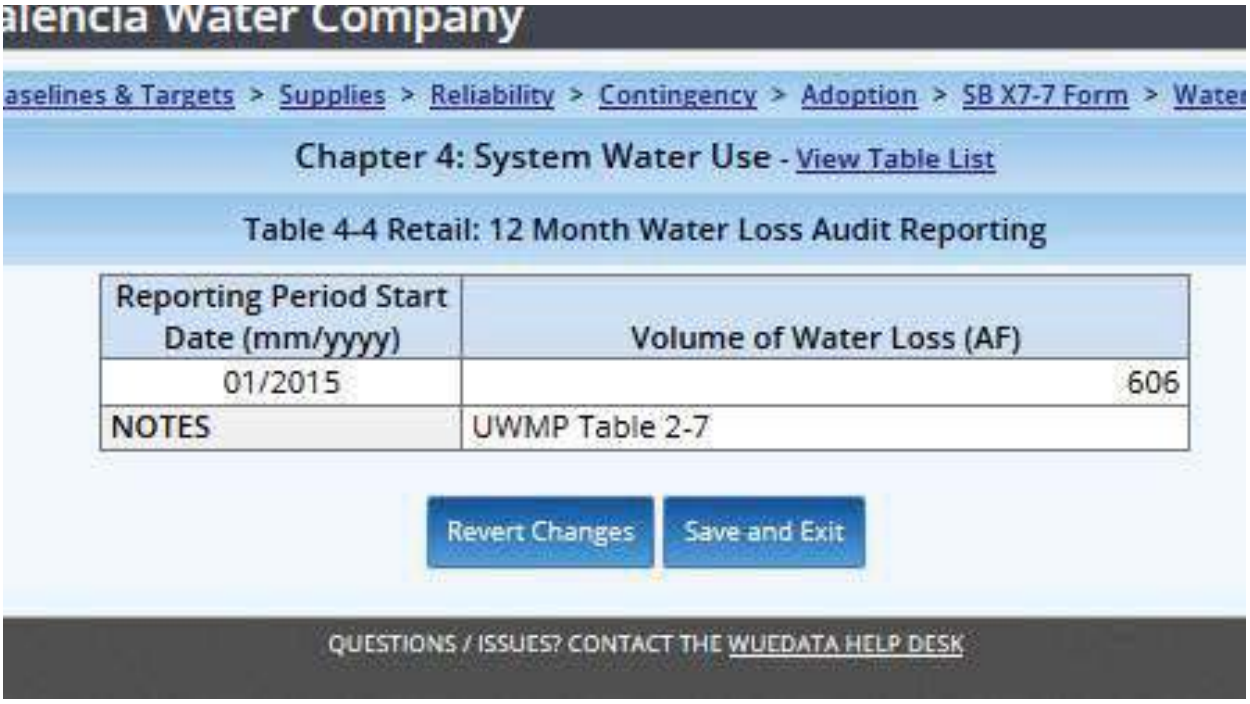
Chapter 4: System Water Use - View Table List

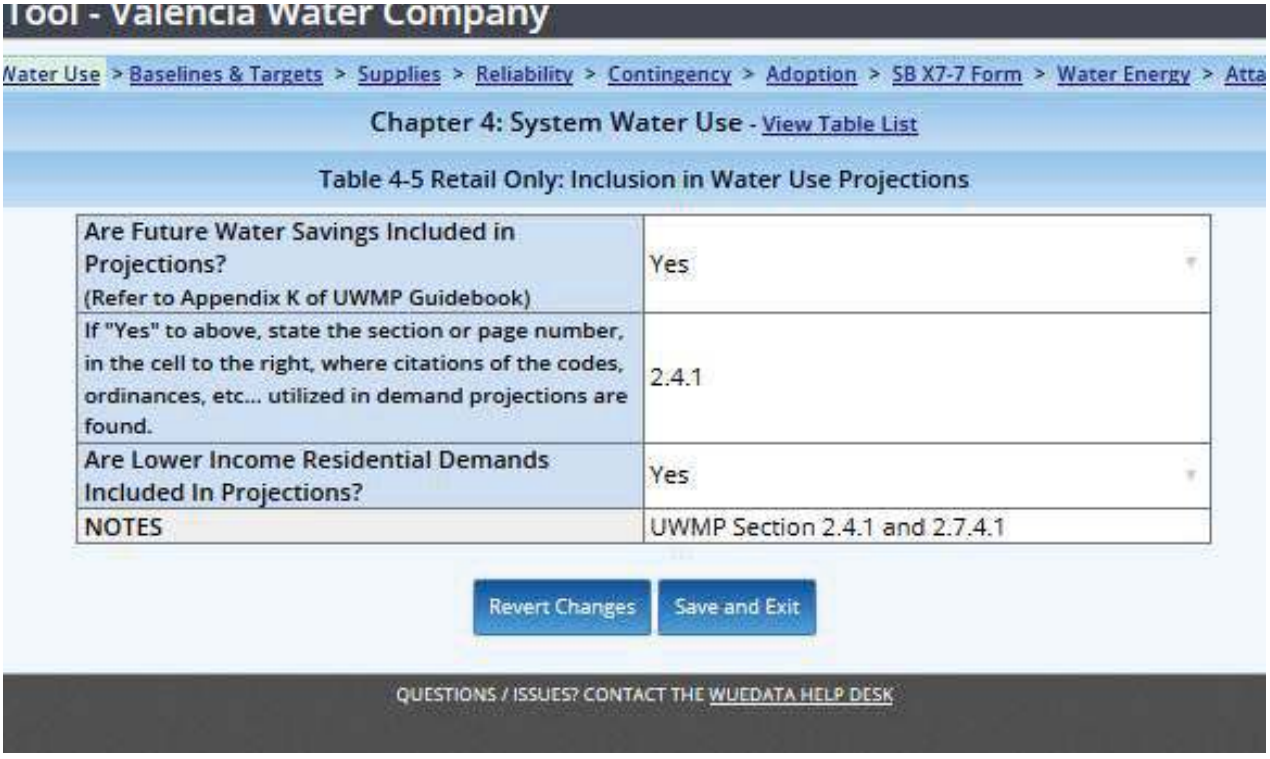
Table 4-3 Retail: Total Water Demands

	2015 (AF)	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Potable and Raw Water *From Tables 4-1 and 4-2*	23,182	27,385	27,267	29,296	30,719	30,319
Recycled Water Demand* *From Table 6-4*	450	715	4,833	7,304	9,281	9,281
TOTAL	23,632	28,100	32,100	36,600	40,000	39,600
*Recycled water demand fields will be blank until Table 6-4 is complete.						
NOTES	Potable demands based on UWMP Table 2-6. Recycled water projections based on UWMP Tables 4-3 and 4-4.					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


alencia Water Company
aselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Wate
Chapter 4: System Water Use - View Table List
Table 4-4 Retail: 12 Month Water Loss Audit Reporting
Reporting Period Start Date (mm/yyyy)
Volume of Water Loss (AF)
01/2015
606
NOTES
UWMP Table 2-7
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


Tool - Valencia Water Company
Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Atta
Chapter 4: System Water Use - View Table List
Table 4-5 Retail Only: Inclusion in Water Use Projections
Are Future Water Savings Included in Projections?
(Refer to Appendix K of UWMP Guidebook)
Yes
If "Yes" to above, state the section or page number, in the cell to the right, where citations of the codes, ordinances, etc... utilized in demand projections are found.
2.4.1
Are Lower Income Residential Demands Included In Projections?
Yes
NOTES
UWMP Section 2.4.1 and 2.7.4.1
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Tool - Valencia Water Company

Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachme

Chapter 5: SB X7-7 Baselines and Targets - View Table List

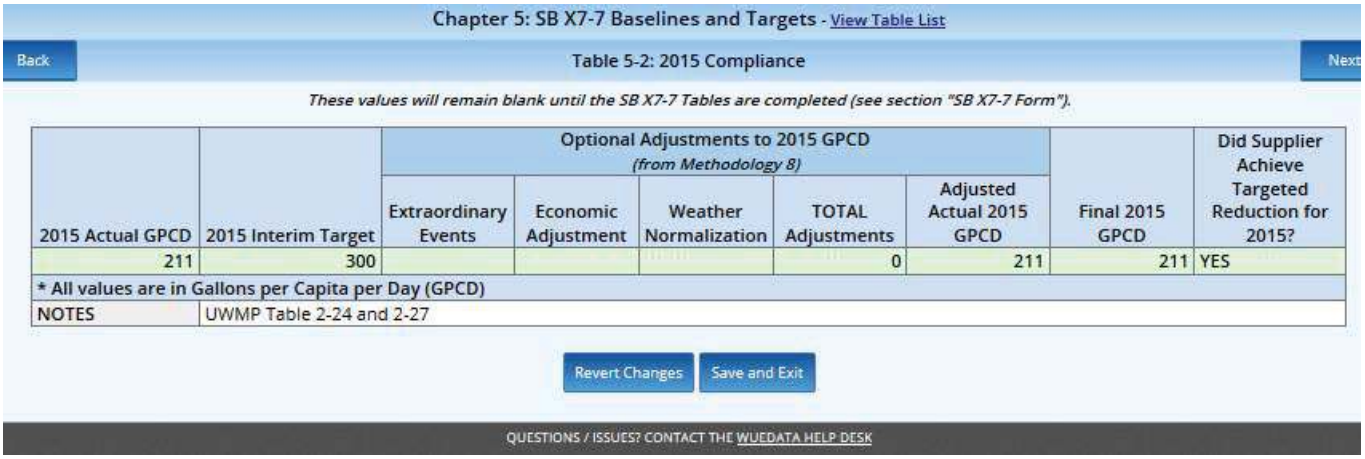
Table 5-1: Baselines and Targets Summary

These values will remain blank until the SB X7-7 Tables are completed (see section "SB X7-7 Form").

Retail Agency or Regional Alliance Only					
Baseline Period	Start Year	End Year	Average Baseline GPCD*	2015 Interim Target*	Confirmed 2020 Target*
10-15 Year	1995	2004	334	300	267
5 Year	2003	2007	316		
* All values are in Gallons per Capita per Day (GPCD)					
NOTES	UWMP Table 2-24				

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



Chapter 5: SB X7-7 Baselines and Targets - View Table List

Back | Table 5-2: 2015 Compliance | Next

These values will remain blank until the SB X7-7 Tables are completed (see section "SB X7-7 Form").

2015 Actual GPCD	2015 Interim Target	Optional Adjustments to 2015 GPCD (from Methodology 8)					Final 2015 GPCD	Did Supplier Achieve Targeted Reduction for 2015?
		Extraordinary Events	Economic Adjustment	Weather Normalization	TOTAL Adjustments	Adjusted Actual 2015 GPCD		
211	300				0	211	211	YES
* All values are in Gallons per Capita per Day (GPCD)								
NOTES	UWMP Table 2-24 and 2-27							

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

a - UWMP Tool - Valencia Water Company

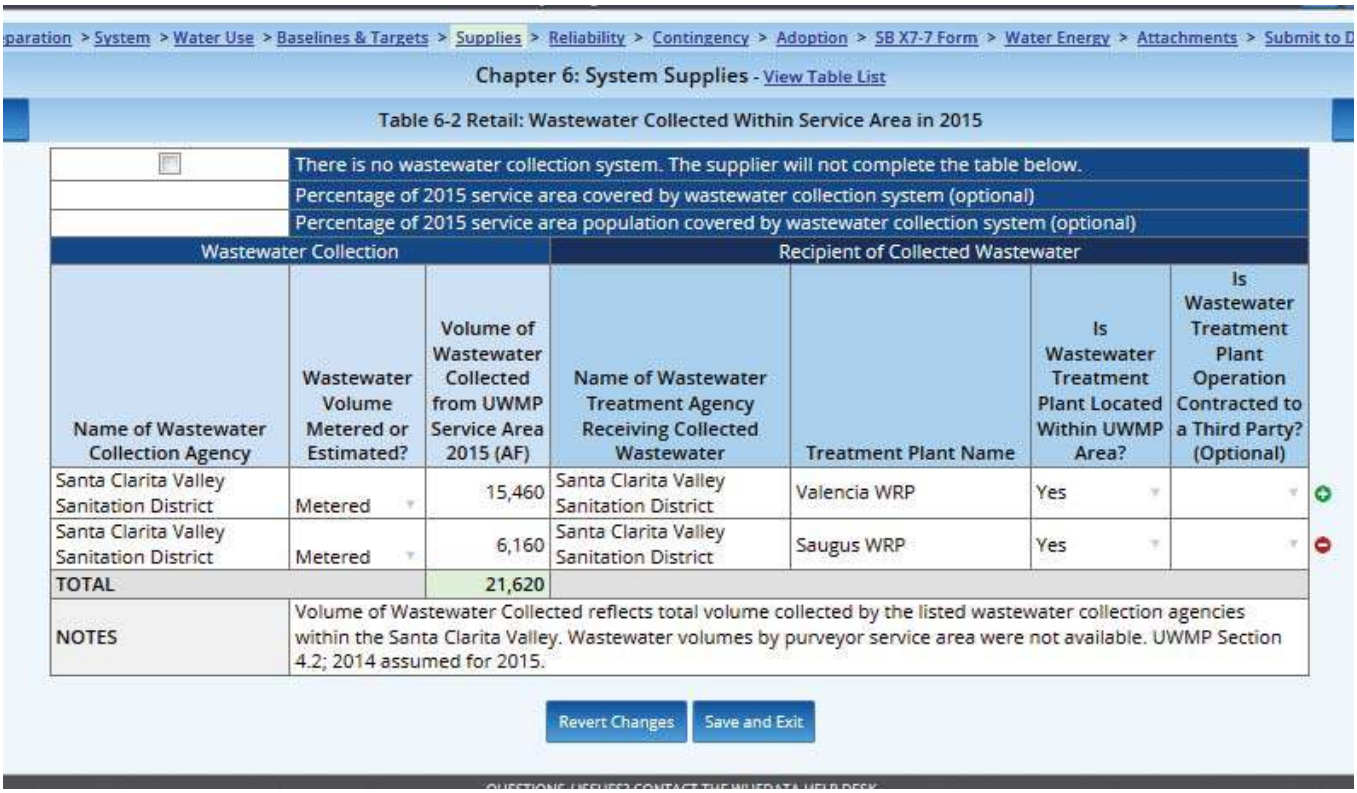
ation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit

Chapter 6: System Supplies - View Table List

Table 6-1 Retail: Groundwater Volume Pumped

☐	Supplier does not pump groundwater. The supplier will not complete the table below.					
Groundwater Type	Location or Basin Name	2011 (AF)	2012 (AF)	2013 (AF)	2014 (AF)	2015 (AF)
Alluvial Basin	Alluvium Formation	12,775	12,770	12,764	19,080	13,605
Alluvial Basin	Saugus Formation	265	302	594	2,339	2,929
TOTAL		13,040	13,072	13,358	21,419	16,534
NOTES	UWMP Table 3-6					

Revert Changes | Save and Exit


paration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D
Chapter 6: System Supplies - View Table List
Table 6-2 Retail: Wastewater Collected Within Service Area in 2015
There is no wastewater collection system. The supplier will not complete the table below.
Percentage of 2015 service area covered by wastewater collection system (optional)
Percentage of 2015 service area population covered by wastewater collection system (optional)
Wastewater Collection
Recipient of Collected Wastewater
Name of Wastewater Collection Agency
Wastewater Volume Metered or Estimated?
Volume of Wastewater Collected from UWMP Service Area 2015 (AF)
Name of Wastewater Treatment Agency Receiving Collected Wastewater
Treatment Plant Name
Is Wastewater Treatment Plant Located Within UWMP Area?
Is Wastewater Treatment Plant Operation Contracted to a Third Party? (Optional)
Santa Clarita Valley Sanitation District
Metered
15,460
Santa Clarita Valley Sanitation District
Valencia WRP
Yes
Santa Clarita Valley Sanitation District
Metered
6,160
Santa Clarita Valley Sanitation District
Saugus WRP
Yes
TOTAL
21,620
NOTES
Volume of Wastewater Collected reflects total volume collected by the listed wastewater collection agencies within the Santa Clarita Valley. Wastewater volumes by purveyor service area were not available. UWMP Section 4.2; 2014 assumed for 2015.
Revert Changes
Save and Exit

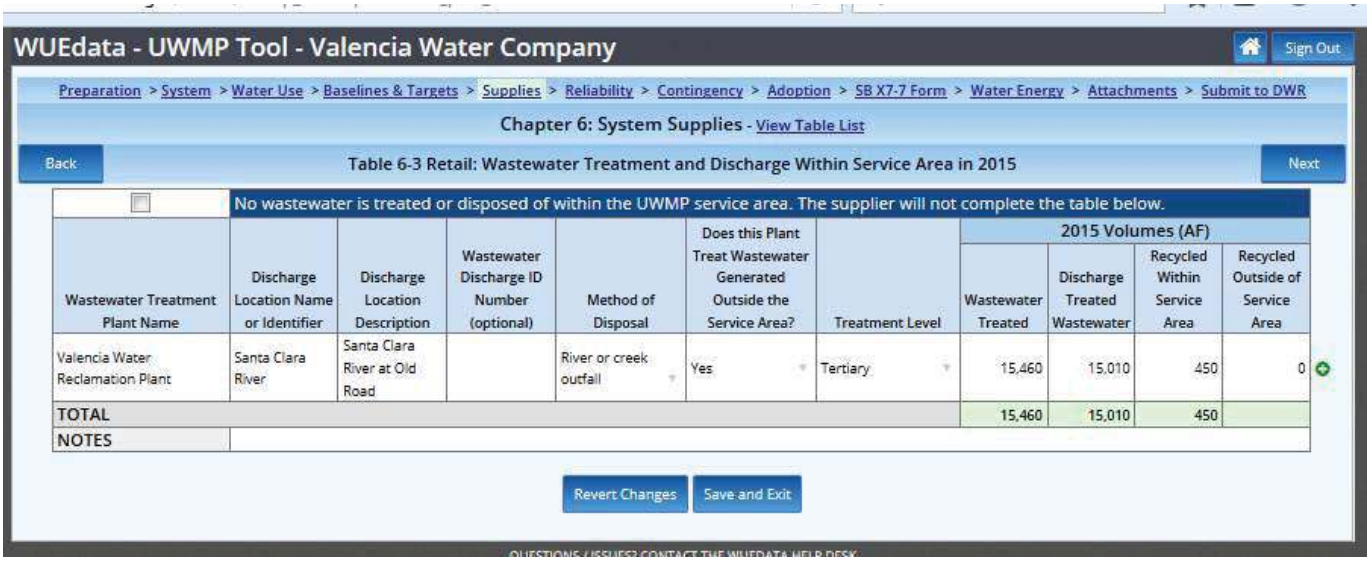

WUEdata - UWMP Tool - Valencia Water Company
Sign Out
Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DWR
Chapter 6: System Supplies - View Table List
Back
Table 6-3 Retail: Wastewater Treatment and Discharge Within Service Area in 2015
Next
No wastewater is treated or disposed of within the UWMP service area. The supplier will not complete the table below.
Wastewater Treatment Plant Name
Discharge Location Name or Identifier
Discharge Location Description
Wastewater Discharge ID Number (optional)
Method of Disposal
Does this Plant Treat Wastewater Generated Outside the Service Area?
Treatment Level
2015 Volumes (AF)
Wastewater Treated
Discharge Treated Wastewater
Recycled Within Service Area
Recycled Outside of Service Area
Valencia Water Reclamation Plant
Santa Clara River
Santa Clara River at Old Road
River or creek outfall
Yes
Tertiary
15,460
15,010
450
0
TOTAL
15,460
15,010
450
NOTES
Revert Changes
Save and Exit

Table 6-4 Retail: Current and Projected Recycled Water Direct Beneficial Uses Within Service Area

Add Table → | Table 1

☐ Recycled water is not used and is not planned for use within the service area of the supplier. The supplier will not complete the table below.

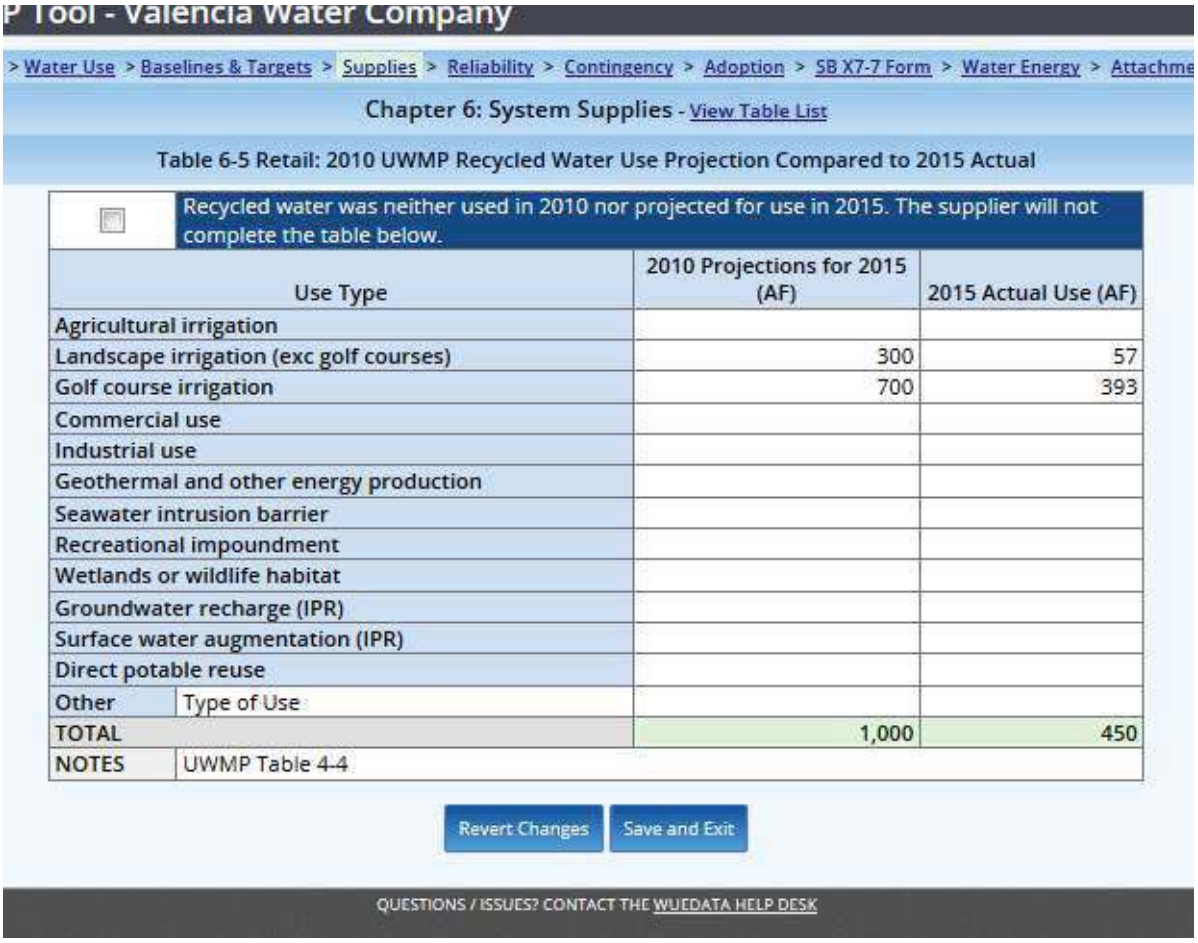
Name of Agency Producing (Treating) the Recycled Water:	
Name of Agency Operating the Recycled Water Distribution System:	
Supplemental Water Added in 2015 (AF)	
Source of 2015 Supplemental Water	

Beneficial Use Type	General Description of 2015 Uses	Level of Treatment	2015 (AF)	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Agricultural irrigation								
Landscape irrigation (excludes golf courses)		Tertiary	57	137	4,255	6,726	8,703	8,703
Golf course irrigation		Tertiary	393	578	578	578	578	578
Commercial use								
Industrial use								
Geothermal and other energy production								
Seawater intrusion barrier								
Recreational impoundment								
Wetlands or wildlife habitat								
Groundwater recharge (IPR*)								
Surface water augmentation (IPR*)								
Direct potable reuse								
Other (provide general description)								
TOTAL			450	715	4,833	7,304	9,281	9,281

*IPR - Indirect Potable Reuse

NOTES	Totals shown in UWMP Tables 4-3 and 4-4. Breakdown based on preliminary projections made in Recycled Water Master Plan and assumes golf course irrigation use will reach 578 AFY and remainder of recycled water projections (shown in Table 6-4, and UWMP Table 4-3) will fall under landscape (non-golf course) irrigation.

Revert Changes | Save and Exit



P Tool - Valencia Water Company

> Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachme

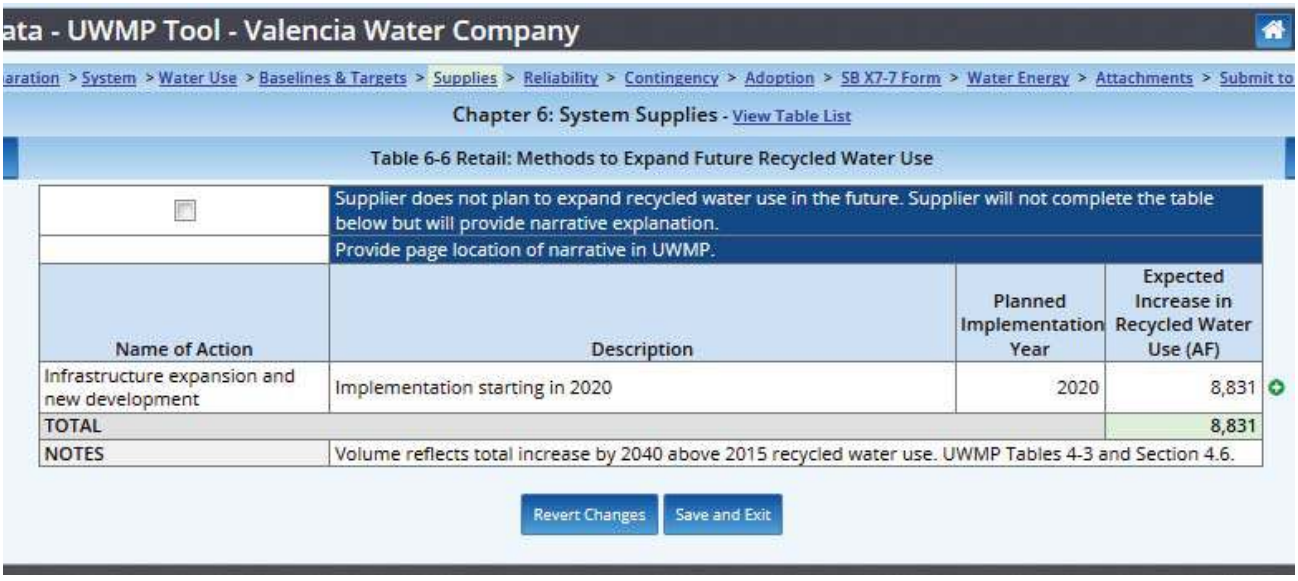
Chapter 6: System Supplies - View Table List

Table 6-5 Retail: 2010 UWMP Recycled Water Use Projection Compared to 2015 Actual

	Recycled water was neither used in 2010 nor projected for use in 2015. The supplier will not complete the table below.		
Use Type		2010 Projections for 2015 (AF)	2015 Actual Use (AF)
Agricultural irrigation			
Landscape irrigation (exc golf courses)		300	57
Golf course irrigation		700	393
Commercial use			
Industrial use			
Geothermal and other energy production			
Seawater intrusion barrier			
Recreational impoundment			
Wetlands or wildlife habitat			
Groundwater recharge (IPR)			
Surface water augmentation (IPR)			
Direct potable reuse			
Other	Type of Use		
TOTAL		1,000	450
NOTES	UWMP Table 4-4		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



ata - UWMP Tool - Valencia Water Company

aration > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to

Chapter 6: System Supplies - View Table List

Table 6-6 Retail: Methods to Expand Future Recycled Water Use

	Supplier does not plan to expand recycled water use in the future. Supplier will not complete the table below but will provide narrative explanation.		
	Provide page location of narrative in UWMP.		
Name of Action	Description	Planned Implementation Year	Expected Increase in Recycled Water Use (AF)
Infrastructure expansion and new development	Implementation starting in 2020	2020	8,831
TOTAL			8,831
NOTES	Volume reflects total increase by 2040 above 2015 recycled water use. UWMP Tables 4-3 and Section 4.6.		

Revert Changes | Save and Exit

Chapter 6: System Supplies - View Table List

Table 6-7 Retail: Expected Future Water Supply Projects or Programs

☐	No expected future water supply projects or programs will provide a quantifiable increase to the agency's water supply. Supplier will not complete the table below.
☑	Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.
Sections 3.5.4 and 3.6	Provide page location of narrative in the UWMP.

Name of Future Projects or Programs	Joint Project with other agencies?		Description (if needed)	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Agency *This may be a range* (AF)
	Yes/No	If Yes, Agency Name				
NOTES	UWMP Sections 3.5.4 and 3.6					

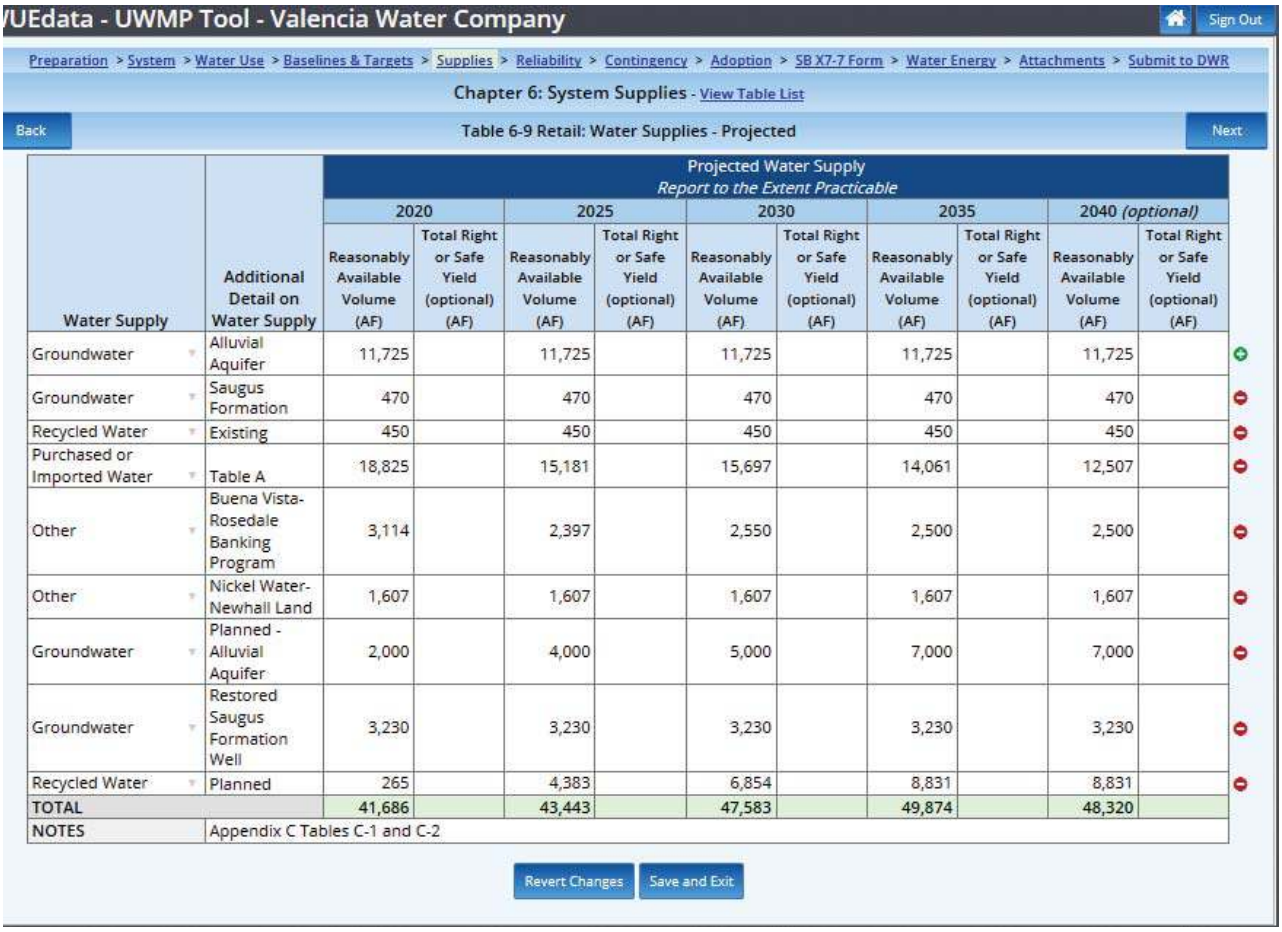
Revert Changes | Save and Exit

Chapter 6: System Supplies - View Table List

Table 6-8 Retail: Water Supplies - Actual

Water Supply	Additional Detail on Water Supply	2015		
		Actual Volume (AF)	Water Quality	Total Right or Safe Yield (optional) (AF)
Groundwater	Alluvial Aquifer	13,605	Drinking Water	
Groundwater	Saugus Formation	2,929	Drinking Water	
Recycled Water		450	Recycled Water	
Purchased or Imported Water		6,648	Drinking Water	
TOTAL		23,632		
NOTES	UWMP Tables 2-1, 3-6, and 4-4. Imported Water is Total less Groundwater and Recycled Water.			

Revert Changes | Save and Exit



Water Supply	Additional Detail on Water Supply	Projected Water Supply *Report to the Extent Practicable*									
		2020		2025		2030		2035		2040 *(optional)*	
		Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)	Reasonably Available Volume (AF)	Total Right or Safe Yield (optional) (AF)
Groundwater	Alluvial Aquifer	11,725		11,725		11,725		11,725		11,725	
Groundwater	Saugus Formation	470		470		470		470		470	
Recycled Water	Existing	450		450		450		450		450	
Purchased or Imported Water	Table A	18,825		15,181		15,697		14,061		12,507	
Other	Buena Vista-Rosedale Banking Program	3,114		2,397		2,550		2,500		2,500	
Other	Nickel Water-Newhall Land	1,607		1,607		1,607		1,607		1,607	
Groundwater	Planned - Alluvial Aquifer	2,000		4,000		5,000		7,000		7,000	
Groundwater	Restored Saugus Formation Well	3,230		3,230		3,230		3,230		3,230	
Recycled Water	Planned	265		4,383		6,854		8,831		8,831	
TOTAL		41,686		43,443		47,583		49,874		48,320	
NOTES	Appendix C Tables C-1 and C-2										

System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Su

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-1 Retail: Basis of Water Year Data

One Table for All Water Sources (Switch to Multiple Tables)

Year Type	Base Year *(If not using a calendar year, type in the last year of the fiscal, water year, or range of years, for example, water year 1999-2000, use 2000)*	Available Supplies if Year Type Repeats	
		☑	Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP.
		Section 6.4	Provide the page or location in the UWMP.
		☐	Quantification of available supplies is provided in this table as either volume only, percent only, or both.
		Volume Available (AF)	% of Average Supply
Average Year	2003		100%
Single-Dry Year	1977		
Multiple-Dry Years 1st Year	1931		
Multiple-Dry Years 2nd Year	1932		
Multiple-Dry Years 3rd Year	1933		
Multiple-Dry Years 4th Year (Optional)	1934		
Multiple-Dry Years 5th Year (Optional)			
Multiple-Dry Years 6th Year (Optional)			

Agency may use multiple versions of Table 7-1 if different water sources have different base years and the supplier chooses to report the base years for each water source separately. If an agency uses multiple versions of Table 7-1, in the "Note" section of each table, state that multiple versions of the Table 7-1 are being used and identify the particular water source that is being reported in each table.

NOTES	Base year discussion and supply quantification can be found in UWMP Section 6.4 and Appendix C.

Revert Changes | Save and Exit

---

ool - Valencia Water Company

ter Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Atta

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-2 Retail: Normal Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals (autofill from Table 6-9)	41,686	43,443	47,583	49,874	48,320
Demand totals (autofill from Table 4-3)	28,100	32,100	36,600	40,000	39,600
Difference	13,586	11,343	10,983	9,874	8,720
NOTES					

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-3 Retail: Single Dry Year Supply and Demand Comparison

	2020 (AF)	2025 (AF)	2030 (AF)	2035 (AF)	2040 (opt) (AF)
Supply totals	39,779	42,700	48,358	52,130	51,935
Demand totals	30,910	35,310	40,260	44,000	43,560
Difference	8,869	7,390	8,098	8,130	8,375
NOTES	Appendix C Tables C-5 and C-6				

Revert Changes | Save and Exit

Chapter 7: Water Supply Reliability Assessment - View Table List

Table 7-4 Retail: Multiple Dry Years Supply and Demand Comparison

		2020	2025	2030	2035	2040 (opt)
First Year	Supply totals (AF)	50,141	49,942	56,171	58,777	57,151
	Demand totals (AF)	30,910	35,310	40,260	44,000	43,560
	Difference (AF)	19,231	14,632	15,911	14,777	13,591
Second Year	Supply totals (AF)	50,141	49,942	56,171	58,777	57,151
	Demand totals (AF)	30,910	35,310	40,260	44,000	43,560
	Difference (AF)	19,231	14,632	15,911	14,777	13,591
Third Year	Supply totals (AF)	50,141	49,942	56,171	58,777	57,151
	Demand totals (AF)	30,910	35,310	40,260	44,000	43,560
	Difference (AF)	19,231	14,632	15,911	14,777	13,591
Fourth year *(optional)*	Supply totals (AF)	50,141	49,942	56,171	58,777	57,151
	Demand totals (AF)	30,910	35,310	40,260	44,000	43,560
	Difference (AF)	19,231	14,632	15,911	14,777	13,591
Fifth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
Sixth year *(optional)*	Supply totals (AF)					
	Demand totals (AF)					
	Difference (AF)	0	0	0	0	0
NOTES	Data from UWMP Appendix C Tables C-8A and C-9A. For purposes of Table 7-4 above, supplies and demands are assumed to be the same for each year of the multiple dry-year period. Projections for a three-year dry period are shown in Appendix C Tables C-8B and C-9B.					

Revert Changes | Save and Exit

Chapter 8: Water Shortage Contingency Planning - View Table List

Table 8-1 Retail: Stages of Water Shortage Contingency Plan

A minimum of two stages must be entered.

Stage	Complete Both	
	Percent Supply Reduction*	Water Supply Condition *(Narrative description)*
1	up to 20%	up to 20%
2	20-35%	20-35%
3	35-50%	35-50%
4	50%	50%
*One stage in the Water Shortage Contingency Plan must address a water shortage of 50%		
NOTES	UWMP Table 8-5	

Revert Changes | Save and Exit

Chapter 8: Water Shortage Contingency Planning - View Table List

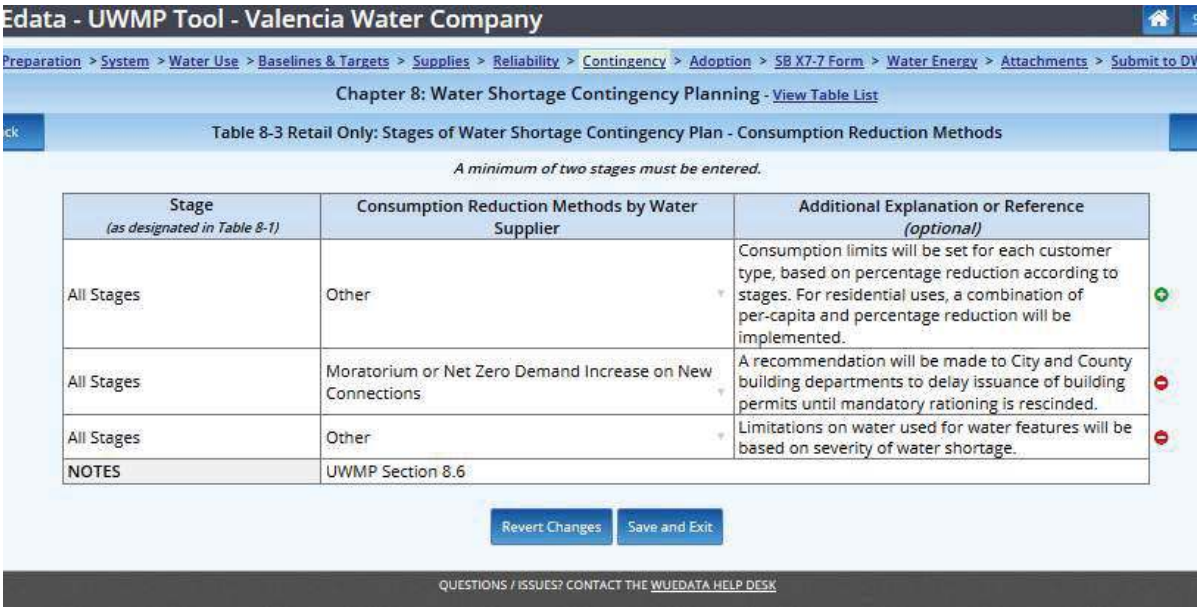
Back

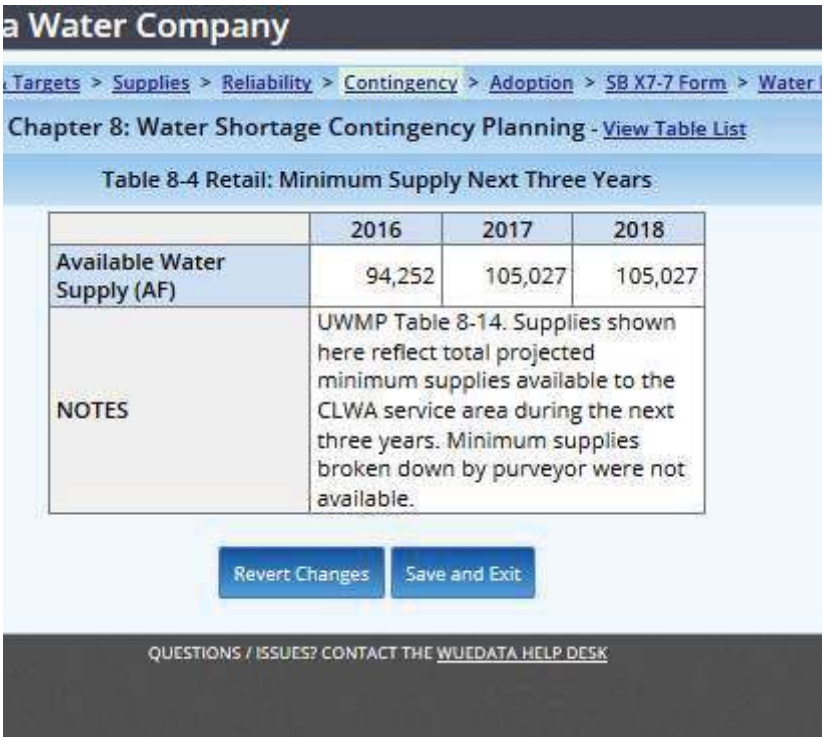
Table 8-2 Retail Only: Restrictions and Prohibitions on End Uses

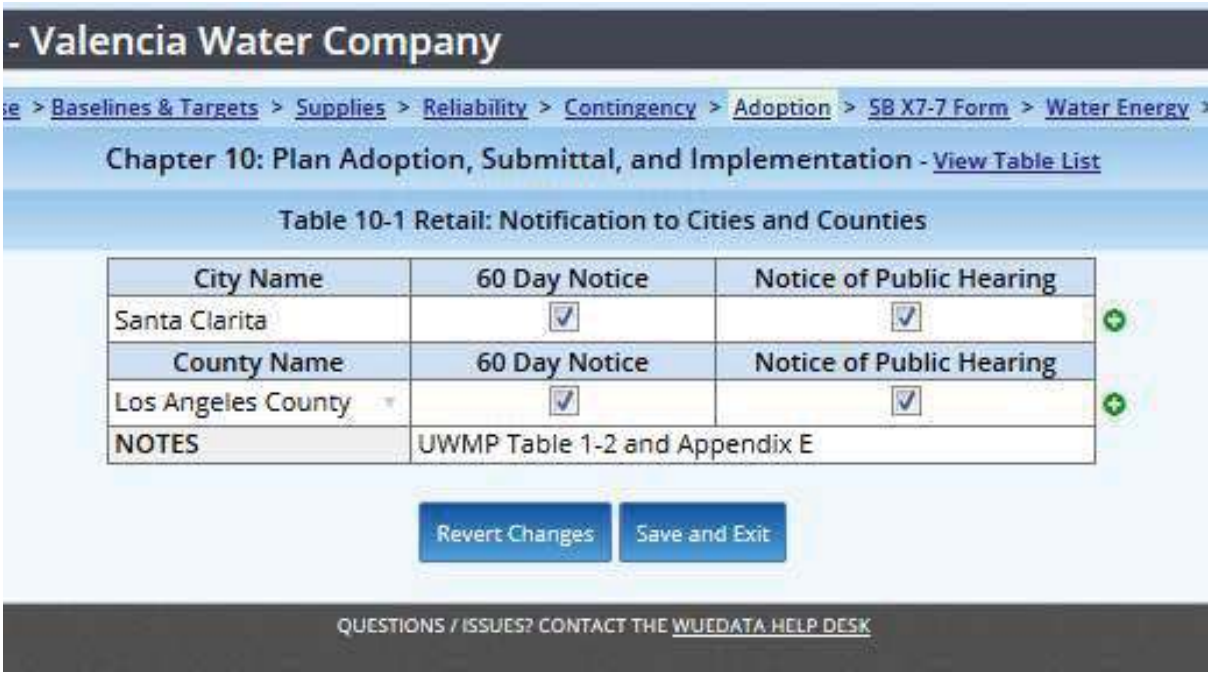
A minimum of two stages must be entered.

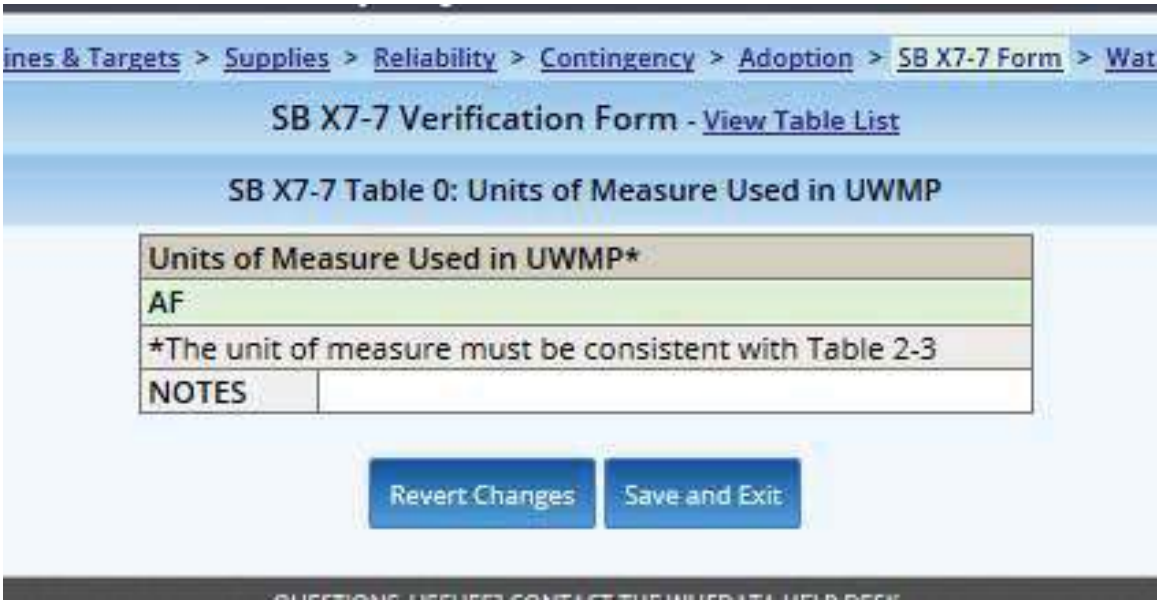
Stage *(as designated in Table 8-1)*	Restrictions and Prohibitions on End Users	Additional Explanation or Reference *(optional)*	Penalty, Charge, or Other Enforcement?
All Stages	Landscape - Other landscape restriction or prohibition	The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall	Yes
All Stages	CII - Restaurants may only serve water upon request	The serving of drinking water other than that upon request in eating or drinking establishments	Yes
All Stages	Landscape - Other landscape restriction or prohibition	The irrigation with potable water of ornamental turf on public street medians	Yes
All Stages	Landscape - Other landscape restriction or prohibition	The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development	Yes
All Stages	Landscape - Limit landscape irrigation to specific times	Watering or irrigating of outdoor lawns, turf, landscape or other vegetated area with potable water during 9 a.m. to 5 p.m. on all days except by use of hand-held bucket or similar container or for very short periods of time for the purpose of evaluating, adjusting or repairing an irrigation system	Yes
All Stages	Landscape - Limit landscape irrigation to specific days	Irrigation with potable water of outdoor landscapes is restricted to two (2) days per week. Customers with street addresses ending in an odd number (1, 3, 5, 7 or 9) can water on Monday and Thursday. Customers with street addresses ending in an even number (0, 2, 4, 6 or 8) can water Tuesday and Friday. Irrigation with potable water of outdoor landscapes is prohibited on Wednesdays, Saturdays, and Sundays	Yes
All Stages	CII - Lodging establishment must offer opt out of linen service	Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered.	Yes
NOTES	UWMP Section 8.5.3		

Revert Changes | Save and Exit


Edata - UWMP Tool - Valencia Water Company
Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to DV
Chapter 8: Water Shortage Contingency Planning - View Table List
Table 8-3 Retail Only: Stages of Water Shortage Contingency Plan - Consumption Reduction Methods
A minimum of two stages must be entered.
Stage (as designated in Table 8-1)
Consumption Reduction Methods by Water Supplier
Additional Explanation or Reference (optional)
All Stages
Other
Consumption limits will be set for each customer type, based on percentage reduction according to stages. For residential uses, a combination of per-capita and percentage reduction will be implemented.
All Stages
Moratorium or Net Zero Demand Increase on New Connections
A recommendation will be made to City and County building departments to delay issuance of building permits until mandatory rationing is rescinded.
All Stages
Other
Limitations on water used for water features will be based on severity of water shortage.
NOTES
UWMP Section 8.6
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


a Water Company
Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water
Chapter 8: Water Shortage Contingency Planning - View Table List
Table 8-4 Retail: Minimum Supply Next Three Years
2016
2017
2018
Available Water Supply (AF)
94,252
105,027
105,027
NOTES
UWMP Table 8-14. Supplies shown here reflect total projected minimum supplies available to the CLWA service area during the next three years. Minimum supplies broken down by purveyor were not available.
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


- Valencia Water Company
se > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy
Chapter 10: Plan Adoption, Submittal, and Implementation - View Table List
Table 10-1 Retail: Notification to Cities and Counties
City Name
60 Day Notice
Notice of Public Hearing
Santa Clarita
County Name
60 Day Notice
Notice of Public Hearing
Los Angeles County
NOTES
UWMP Table 1-2 and Appendix E
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


ines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Wat
SB X7-7 Verification Form - View Table List
SB X7-7 Table 0: Units of Measure Used in UWMP
Units of Measure Used in UWMP*
AF
*The unit of measure must be consistent with Table 2-3
NOTES
Revert Changes
Save and Exit

ater Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attach

SB X7-7 Verification Form - View Table List

SB X7-7 Table 1: Baseline Period Ranges

Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	32,419	AF
	2008 total volume of delivered recycled water	0	AF
	2008 recycled water as a percent of total deliveries	0	percent
	Number of years in baseline period[1, 2]	10	years
	Year beginning baseline period range	1995	
	Year ending baseline period range[3]	2004	
5-year baseline period	Number of year in baseline period	5	years
	Year beginning baseline period range	2003	
	Year ending baseline period range[4]	2007	

[1] If the 2008 recycled water percent is less than 10 percent, then the first baseline period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first baseline period is a continuous 10- to 15-year period.

[2] The Water Code requires that the baseline period is between 10 and 15 years. However, DWR recognizes that some water suppliers may not have the minimum 10 years of baseline data.

[3] The ending year must be between December 31, 2004 and December 31, 2010.

[4] The ending year must be between December 31, 2007 and December 31, 2010.

NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

elines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Wate

SB X7-7 Verification Form - View Table List

SB X7-7 Table 2: Method for Population Estimates

Method Use to Determine Population *(may check more than one)*	
☐	1. Department of Finance (DOF) *DOF Table E-8 (1990-2000) and (2000 - 2010) and DOF Table E-5 (2011 - 2015) when available*
☐	2. Persons-per-Connection Method
☐	3. DWR Population Tool
☑	4. Other *DWR recommends pre-review*
NOTES	Based on Maddaus Inc., 2015 SCV Water Use Efficiency Strategic Plan. Method Approved by Gwen Huff via email from 2/1/2016.

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

/ater Company

ets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form

SB X7-7 Verification Form - View Table List

SB X7-7 Table 3: Service Area Population

Year		Population
10 to 15 Year Baseline Population		
Year 1	1995	48,165
Year 2	1996	50,420
Year 3	1997	54,095
Year 4	1998	57,745
Year 5	1999	60,850
Year 6	2000	63,922
Year 7	2001	69,409
Year 8	2002	74,192
Year 9	2003	78,757
Year 10	2004	83,816
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1	2003	78,757
Year 2	2004	83,816
Year 3	2005	87,425
Year 4	2006	88,304
Year 5	2007	89,174
2015 Compliance Year Population		
2015		97,300
NOTES	UWMP Tables 2-12 and 2-18	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4: Annual Gross Water Use

	Baseline Year *Fm SB X7-7 Table 3*	Volume Into Distribution System *(this column will remain blank until SB X7-7 Table 4-A is completed)* (AF)	Deductions					Annual Gross Water Use (AF)
			Exported Water (AF)	Change in Dist. System Storage (+/-) (AF)	Indirect Recycled Water *(this column will remain blank until SB X7-7 Table 4-B is completed)* (AF)	Water Delivered for Agricultural Use (AF)	Process Water *(from SB X7-7 Table 4-D)* (AF)	
10 to 15 Year Baseline - Gross Water Use								
Year 1	1995	17,543			0			17,543
Year 2	1996	19,721			0			19,721
Year 3	1997	22,131			0			22,131
Year 4	1998	19,874			0			19,874
Year 5	1999	22,735			0			22,735
Year 6	2000	25,190			0			25,190
Year 7	2001	24,715			0			24,715
Year 8	2002	28,360			0			28,360
Year 9	2003	28,779			0			28,779
Year 10	2004	30,234			0			30,234
Year 11					0			
Year 12					0			
Year 13					0			
Year 14					0			
Year 15					0			
10 - 15 year baseline average gross water use								23,928
5 Year Baseline - Gross Water Use								
Year 1	2003	28,779			0			28,779
Year 2	2004	30,234			0			30,234
Year 3	2005	29,473			0			29,473
Year 4	2006	30,646			0			30,646
Year 5	2007	32,286			0			32,286
5 year baseline average gross water use								30,284
2015 Compliance Year - Gross Water Use								
2015		22,970			0			22,970
* NOTE that the units of measure must remain consistent throught the UWMP, as reported in Table 2-3								
NOTES	UWMP Tables 2-18 and 2-27							

Revert Changes | Save and Exit

Valencia Water Company

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below

Add Water Source →

- Alluvial Aquifer
- Imported Water
- Saugus Formation

Alluvial Aquifer

This water source is:

- [x] The supplier's own water source
- [ ] A purchased or imported source

Baseline Year *Fm SB X7-7 Table 3*		Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1995	8,698		8,698
Year 2	1996	12,433		12,433
Year 3	1997	11,696		11,696
Year 4	1998	10,711		10,711
Year 5	1999	11,823		11,823
Year 6	2000	12,179		12,179
Year 7	2001	10,518		10,518
Year 8	2002	11,603		11,603
Year 9	2003	11,707		11,707
Year 10	2004	9,862		9,862
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	11,707		11,707
Year 2	2004	9,862		9,862
Year 3	2005	12,228		12,228
Year 4	2006	11,884		11,884
Year 5	2007	13,140		13,140
2015 Compliance Year - Water into Distribution System				
2015		13,605		13,605

* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document

NOTES	2015 Santa Clarita Valley Water Report

Revert Changes | Save and Exit

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below
Add Water Source →
Alluvial Aquifer
Imported Water
Saugus Formation

Imported Water

This water source is:

- [ ] The supplier's own water source
- [x] A purchased or imported source

	Baseline Year *Fm SB X7-7 Table 3*	Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1995	7,259		7,259
Year 2	1996	6,962		6,962
Year 3	1997	9,919		9,919
Year 4	1998	9,014		9,014
Year 5	1999	10,806		10,806
Year 6	2000	12,004		12,004
Year 7	2001	13,362		13,362
Year 8	2002	15,792		15,792
Year 9	2003	16,004		16,004
Year 10	2004	18,410		18,410
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	16,004		16,004
Year 2	2004	18,410		18,410
Year 3	2005	14,732		14,732
Year 4	2006	16,313		16,313
Year 5	2007	16,779		16,779
2015 Compliance Year - Water into Distribution System				
2015		6,436		6,436

* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document

NOTES	2015 Santa Clarita Valley Water Report

Revert Changes | Save and Exit

- Valencia Water Company

SB X7-7 Verification Form - View Table List

SB X7-7 Table 4-A: Annual Gross Water Use

Select Water Source Below
Add Water Source →
Alluvial Aquifer
Imported Water
Saugus Formation

Saugus Formation				
This water source is:				
☑	The supplier's own water source			
☐	A purchased or imported source			
	Baseline Year *Fm SB X7-7 Table 3*	Volume Entering Distribution System (AF)	Meter Error Adjustment* Optional (+/-) (AF)	Corrected Volume Entering Distribution System (AF)
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1995	1,586		1,586
Year 2	1996	326		326
Year 3	1997	516		516
Year 4	1998	149		149
Year 5	1999	106		106
Year 6	2000	1,007		1,007
Year 7	2001	835		835
Year 8	2002	965		965
Year 9	2003	1,068		1,068
Year 10	2004	1,962		1,962
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
5 Year Baseline - Water into Distribution System				
Year 1	2003	1,068		1,068
Year 2	2004	1,962		1,962
Year 3	2005	2,513		2,513
Year 4	2006	2,449		2,449
Year 5	2007	2,367		2,367
2015 Compliance Year - Water into Distribution System				
2015		2,929		2,929
* Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document				
NOTES	2015 Santa Clarita Valley Water Report			

Revert Changes | Save and Exit

Valencia Water Company

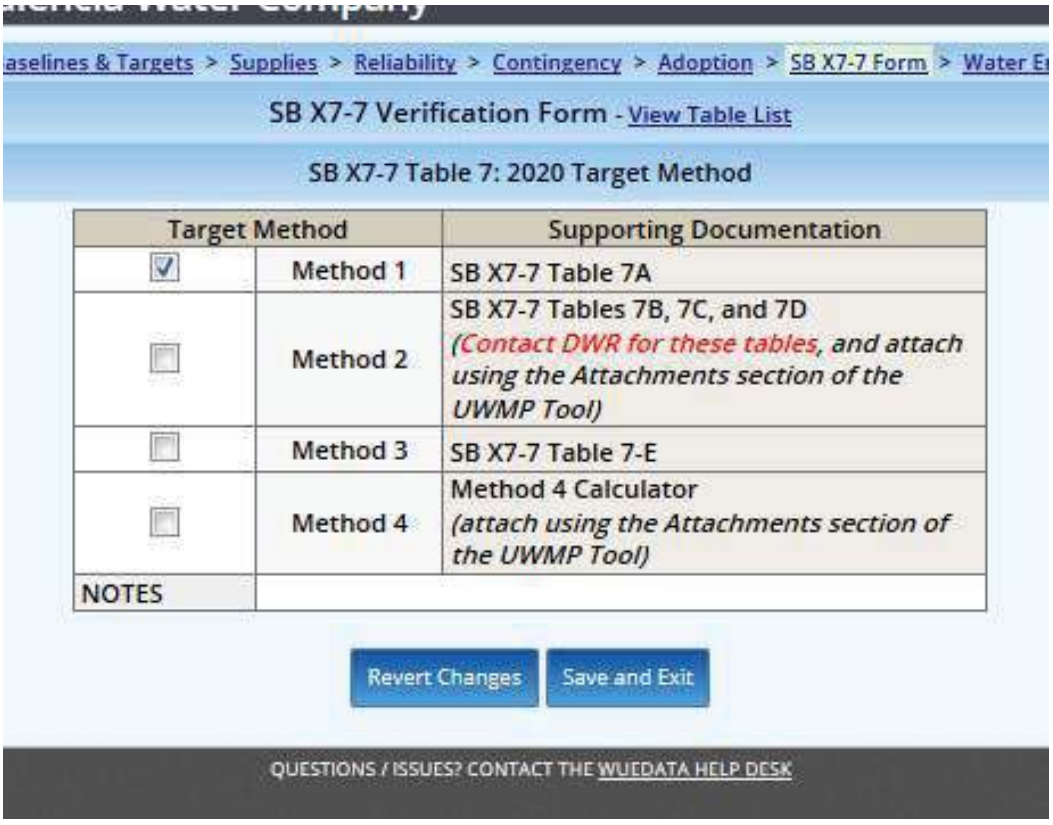
SB X7-7 Verification Form - View Table List

SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)

Baseline Year *From SB X7-7 Table 3*		Service Area Population *From SB X7-7 Table 3*	Annual Gross Water Use *From SB X7-7 Table 4* (AF)	Daily Per Capita Water Use (GPCD)
10 to 15 Year Baseline GPCD				
Year 1	1995	48,165	17,543	325
Year 2	1996	50,420	19,721	349
Year 3	1997	54,095	22,131	365
Year 4	1998	57,745	19,874	307
Year 5	1999	60,850	22,735	334
Year 6	2000	63,922	25,190	352
Year 7	2001	69,409	24,715	318
Year 8	2002	74,192	28,360	341
Year 9	2003	78,757	28,779	326
Year 10	2004	83,816	30,234	322
Year 11				
Year 12				
Year 13				
Year 14				
Year 15				
10 - 15 Year Average Baseline GPCD				334
5 Year Baseline GPCD				
Year 1	2003	78,757	28,779	326
Year 2	2004	83,816	30,234	322
Year 3	2005	87,425	29,473	301
Year 4	2006	88,304	30,646	310
Year 5	2007	89,174	32,286	323
5 Year Average Baseline GPCD				317
2015 Compliance Year GPCD				
2015		97,300	22,970	211
NOTES				

Revert Changes | Save and Exit


cia Water Company
s & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form >
SB X7-7 Verification Form - View Table List
SB X7-7 Table 6: Gallons per Capita per Day
Summary From Table SB X7-7 Table 5
10-15 Year Baseline GPCD 334
5 Year Baseline GPCD 316
2015 Compliance Year GPCD 211
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



aselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water E

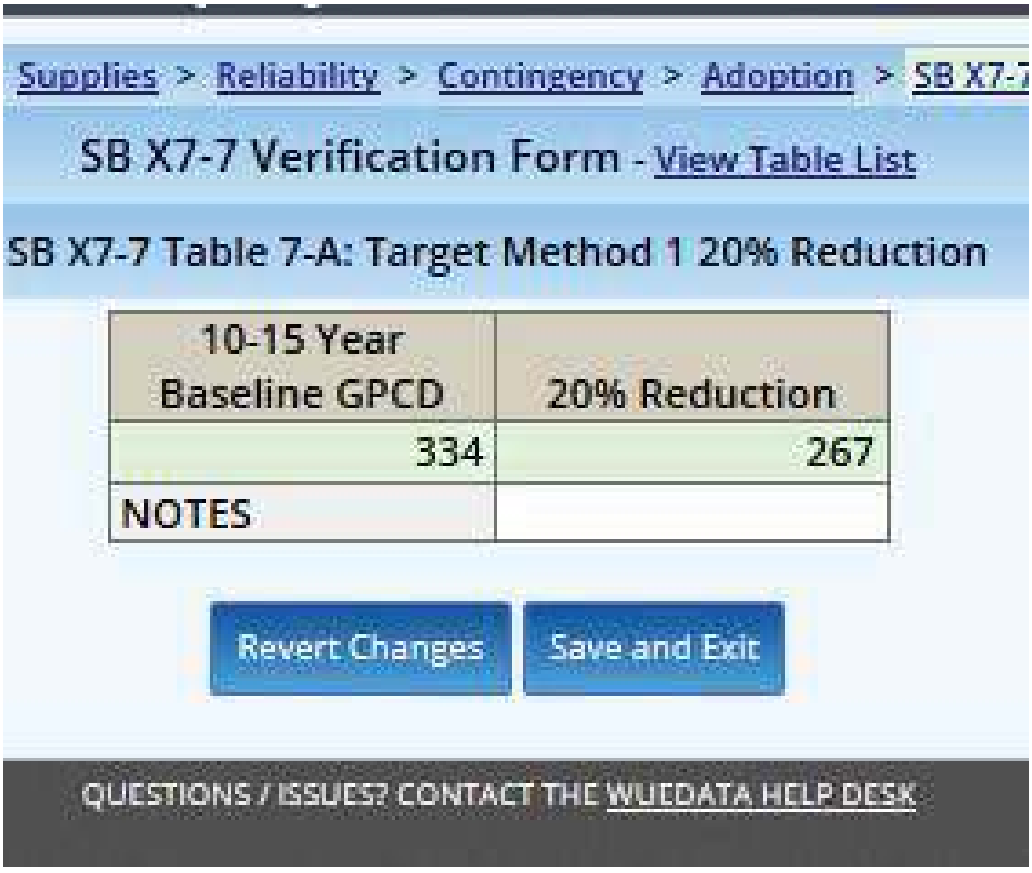
SB X7-7 Verification Form - View Table List

SB X7-7 Table 7: 2020 Target Method

Target Method		Supporting Documentation
☑	Method 1	SB X7-7 Table 7A
☐	Method 2	SB X7-7 Tables 7B, 7C, and 7D *(Contact DWR for these tables, and attach using the Attachments section of the UWMP Tool)*
☐	Method 3	SB X7-7 Table 7-E
☐	Method 4	Method 4 Calculator *(attach using the Attachments section of the UWMP Tool)*
NOTES		

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



Supplies > Reliability > Contingency > Adoption > SB X7-7

SB X7-7 Verification Form - View Table List

SB X7-7 Table 7-A: Target Method 1 20% Reduction

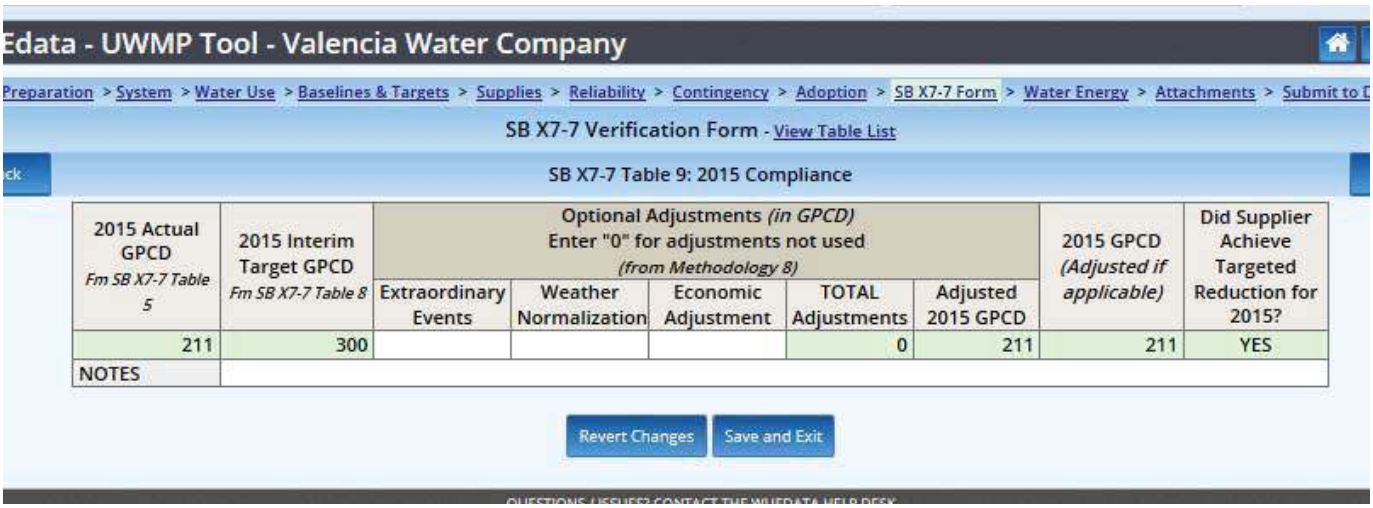
10-15 Year Baseline GPCD	20% Reduction
334	267
NOTES	

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK


l - Valencia Water Company
Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energ
SB X7-7 Verification Form - View Table List
SB X7-7 Table 7-F: Confirm Minimum Reduction for 2020 Target
5 Year Baseline GPCD
From SB X7-7 Table 5
Maximum 2020 Target[1]
Calculated 2020 Target[2]
Confirmed 2020 Target
316
301
267
267
[1]Maximum 2020 Target is 95% of the 5 Year Baseline GPCD except for suppliers at or below 100 GPCD.
[2]2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.
NOTES
Revert Changes
Save and Exit


ncia Water Company
ines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Wa
SB X7-7 Verification Form - View Table List
SB X7-7 Table 8: 2015 Interim Target GPCD
Confirmed 2020 Target
From SB X7-7 Table 7-F
10-15 Year Baseline GPCD
Fm SB X7-7 Table 5
2015 Interim Target GPCD
267
334
300
NOTES
Revert Changes
Save and Exit
QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



Edata - UWMP Tool - Valencia Water Company

Preparation > System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments > Submit to D

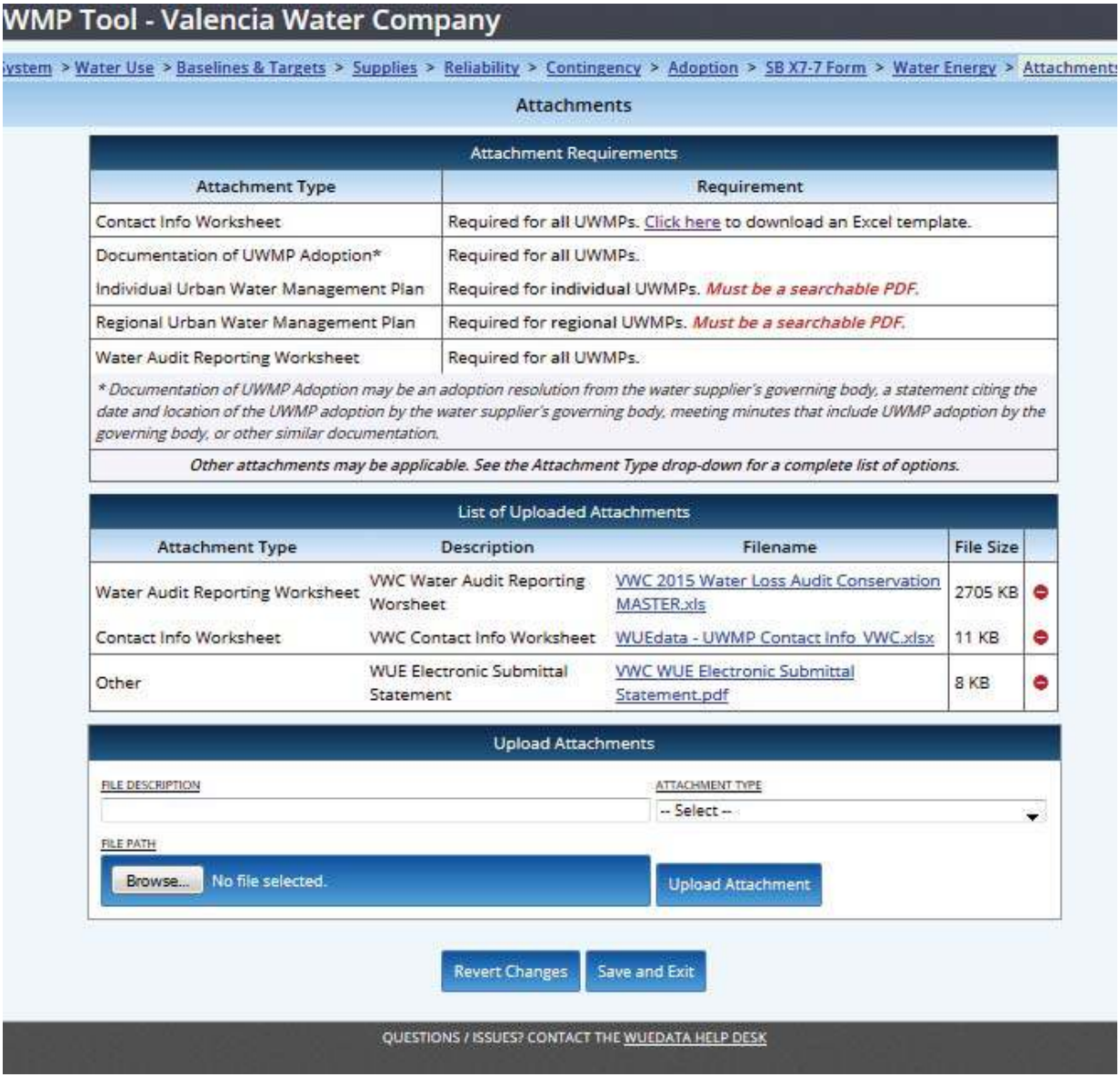
SB X7-7 Verification Form - View Table List

SB X7-7 Table 9: 2015 Compliance

2015 Actual GPCD *Fm SB X7-7 Table 5*	2015 Interim Target GPCD *Fm SB X7-7 Table 8*	Optional Adjustments *(in GPCD)* Enter "0" for adjustments not used *(from Methodology 8)*					2015 GPCD *(Adjusted if applicable)*	Did Supplier Achieve Targeted Reduction for 2015?
		Extraordinary Events	Weather Normalization	Economic Adjustment	TOTAL Adjustments	Adjusted 2015 GPCD		
211	300				0	211	211	YES
NOTES								

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK



WMP Tool - Valencia Water Company

System > Water Use > Baselines & Targets > Supplies > Reliability > Contingency > Adoption > SB X7-7 Form > Water Energy > Attachments

Attachments

Attachment Requirements

Attachment Type	Requirement
Contact Info Worksheet	Required for all UWMPs. Click here to download an Excel template.
Documentation of UWMP Adoption*	Required for all UWMPs.
Individual Urban Water Management Plan	Required for individual UWMPs. *Must be a searchable PDF.*
Regional Urban Water Management Plan	Required for regional UWMPs. *Must be a searchable PDF.*
Water Audit Reporting Worksheet	Required for all UWMPs.

** Documentation of UWMP Adoption may be an adoption resolution from the water supplier's governing body, a statement citing the date and location of the UWMP adoption by the water supplier's governing body, meeting minutes that include UWMP adoption by the governing body, or other similar documentation.*

Other attachments may be applicable. See the Attachment Type drop-down for a complete list of options.

List of Uploaded Attachments

Attachment Type	Description	Filename	File Size	
Water Audit Reporting Worksheet	VWC Water Audit Reporting Worsheet	VWC 2015 Water Loss Audit Conservation MASTER.xls	2705 KB	⊖
Contact Info Worksheet	VWC Contact Info Worksheet	WUEdata - UWMP Contact Info_VWC.xlsx	11 KB	⊖
Other	WUE Electronic Submittal Statement	VWC WUE Electronic Submittal Statement.pdf	8 KB	⊖

Upload Attachments

FILE DESCRIPTION

ATTACHMENT TYPE -- Select --

FILE PATH

Browse... No file selected. Upload Attachment

Revert Changes | Save and Exit

QUESTIONS / ISSUES? CONTACT THE WUEDATA HELP DESK

WMP Tool - Valencia Water Company

Submit To DWR

This final section of the UWMP Tool allows you to submit your UWMP data and attachments to DWR for review.

One or more validation issues were found. Click the table/section name to access the relevant table.

- *Errors - These must be resolved before the UWMP can be submitted to DWR.*
- *Warnings - These should be reviewed to verify the data is correct. UWMPs can be submitted to DWR with warnings.*

If you have questions or concerns about these validation issues, please contact the WUEdata Help Desk.

- Chapter 4: System Water Use
  - Table 4-1 Retail: Demands for Potable and Raw Water - Actual
    - Warning - Total Losses amount (0 AF) is not within 10% of Losses amount entered on Table 4-4 Retail (606 AF). Review to verify these numbers are correctly entered.
    - Warning - Total volume (23,182 AF) does not match the 2015 volume into distribution system on SB X7-7 Table 4 (22,970 AF).
  - Table 4-4 Retail: 12 Month Water Loss Audit Reporting
    - Warning - Losses amount (606 AF) is not within 10% of total Losses amounts entered on Table 4-1 Retail (0 AF). Review to verify these numbers are correctly entered.
- SB X7-7 Verification Form
  - SB X7-7 Table 4: Annual Gross Water Use
    - Warning - 2015 volume into distribution system (22,970 AF) does not match total volume on Table 4-1 Retail (23,182 AF).
- UWMP Attachments
  - UWMP Attachments
    - Warning - An attachment of type 'Documentation of UWMP Adoption' should be uploaded.
    - Error - An attachment of type 'Regional Urban Water Management Plan' must be uploaded.

Save Only - Not Ready to Submit | Submit UWMP to DWR

The information in this plan cannot be modified after it has been submitted.

Appendix C: Purveyor Supply and Demand Tables

TABLE C-1
AVERAGE/NORMAL YEAR: EXISTING WATER SUPPLIES

Existing Supplies	2020	2025	2030	2035	2040	2045	2050
Existing Supplies[a][b]							
Existing Groundwater[c]							
Alluvial Aquifer							
LACWWD 36							
NCWD	1825	1825	1825	1825	1825	1825	1825
SCWD	10,550	10,550	10,550	10,550	10,550	10,550	10,550
VWC	11,725	11,725	11,725	11,725	11,725	11,725	11,725
Total	*24,100*	*24,100*	*24,100*	*24,100*	*24,100*	*24,100*	*24,100*
Saugus Formation							
LACWWD 36	500	500	500	500	500	500	500
NCWD	3,175	3,175	3,175	3,175	3,175	3,175	3,175
SCWD	3,300	3,300	3,300	3,300	3,300	3,300	3,300
VWC	470	470	470	470	470	470	470
Total	*7,445*	*7,445*	*7,445*	*7,445*	*7,445*	*7,445*	*7,445*
Recycled Water							
LACWWD 36							
NCWD							
SCWD							
VWC	450	450	450	450	450	450	450
Total	*450*	*450*	*450*	*450*	*450*	*450*	*450*
Imported Water							
SWP Table A Amount[d]							
LACWWD 36	3,402	4,259	4,601	5,086	5,387	5,651	5,800
NCWD	9,639	10,552	10,530	11,106	11,647	12,121	12,361
SCWD	26,933	28,508	27,473	27,847	28,560	29,036	29,865
VWC	18,825	15,181	15,697	14,061	12,507	11,293	10,073
Total	*58,800*	*58,500*	*58,300*	*58,100*	*58,100*	*58,100*	*58,100*
SWP Flexible Storage Accounts[e]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Buena Vista-Rosedale [g]							
LACWWD 36	671	846	913	982	1,004	1,026	1,027
NCWD	1,902	2,096	2,089	2,144	2,171	2,201	2,188
SCWD	5,313	5,661	5,449	5,375	5,324	5,273	5,286
VWC	3,114	2,397	2,550	2,500	2,500	2,500	2,500
Total	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*
Nickel Water - Newhall Land[f]							

VWC	1,607	1,607	1,607	1,607	1,607	1,607	1,607
Total	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*
Yuba Accord[e]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total							
Banking and Exchange Programs[e]							
Rosedale Rio-Bravo Bank							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Semitropic Bank							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Semitropic - Newhall Land Bank							
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Rosedale Rio-Bravo Exchange							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
West Kern Exchange							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Existing Supplies							
LACWWD 36	4,573	5,605	6,013	6,568	6,891	7,177	7,327
NCWD	16,541	17,648	17,619	18,250	18,818	19,322	19,549
SCWD	46,096	48,019	46,772	47,072	47,734	48,159	49,001
VWC	36,191	31,830	32,498	30,813	29,259	28,045	26,825
Total	**103,402**	**103,102**	**102,902**	**102,702**	**102,702**	**102,702**	**102,702**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

(c) Existing supplies represent the quantity of groundwater anticipated to be pumped with existing wells. As indicated in Tables 3-8 and 3-9, and in Tables 3-4 and 3-5 of the 2009 Groundwater Basin Yield Analysis, individual purveyors may have well capacity in excess of quantities shown in this table. As indicated in Table 3-10, existing and planned groundwater pumping remain within the groundwater operating plan shown on Table 3-5.

(d) SWP supplies from Table 3-2, based on average deliveries from 2015 DCR.

(e) Not needed in average/normal years.

(f) Existing Newhall Land supply committed under approved Newhall Ranch Specific Plan. Assumed to be transferred to CLWA or VWC during Newhall Ranch development, and available for annual purchase prior to that.

(g) Distribution of Buena Vista Supply reflects (1) 500 AF of supply dedicated to the pending Tesoro Del Valle annexation into CLWA and NCWD beginning in 2020, and (2) 2,500AF dedicated to the pending Legacy Village annexation into CLWA and VWC beginning 2035. Prior to these demands developing the entire 11,000 AF of this supply would be available to the entire CLWA service area.

TABLE C-2
AVERAGE/NORMAL YEAR: PLANNED AND TOTAL WATER SUPPLIES

Planned Supplies	2020	2025	2030	2035	2040	2045	2050
Planned Supplies							
Future Groundwater[a][b]							
Alluvial Aquifer							
LACWWD 36							
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC[c]	2,000	4,000	5,000	7,000	7,000	7,000	7,000
Total	*2,000*	*4,000*	*5,000*	*7,000*	*7,000*	*7,000*	*7,000*
Saugus Formation[d]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
VWC (Restored Well)[e]	3,230	3,230	3,230	3,230	3,230	3,230	3,230
Total	*3,230*	*3,230*	*3,230*	*3,230*	*3,230*	*3,230*	*3,230*
Recycled Water[f]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	249	249	249	249	249	249
SCWD	300	524	524	524	524	524	524
VWC	265	4,383	6,854	8,831	8,831	8,831	8,831
Total	*565*	*5,156*	*7,627*	*9,604*	*9,604*	*9,604*	*9,604*
Banking Programs[g]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Total Planned Supplies							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	249	249	249	249	249	249
SCWD	300	524	524	524	524	524	524
VWC	5,495	11,613	15,084	19,061	19,061	19,061	19,061
Total	*5,795*	*12,386*	*15,857*	*19,834*	*19,834*	*19,834*	*19,834*
Total Existing and Planned Supplies							
LACWWD 36	4,573	5,605	6,013	6,568	6,891	7,177	7,327
NCWD	16,541	17,897	17,868	18,499	19,067	19,571	19,798
SCWD	46,396	48,543	47,296	47,596	48,258	48,683	49,525
VWC	41,686	43,443	47,582	49,874	48,320	47,106	45,886
Total	**109,197**	**115,488**	**118,759**	**122,536**	**122,536**	**122,536**	**122,536**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) Planned groundwater supplies represent new groundwater well capacity that may be required by an individual purveyor's production objectives in the Alluvial Aquifer and the Saugus Formation. When combined with existing purveyor and non-purveyor groundwater supplies, total groundwater production remains within the sustainable ranges identified in Table 3-7 of 2009 Groundwater Basin Yield Analysis. As indicated in Table 3-10, existing and planned groundwater pumping remain within the basin operating plan shown on Table 3- 5.

(c) Conversion of Newhall Land agricultural groundwater supplies to VWC M&I supplies.

(d) Up to four new and replacement wells are planned to provide additional dry-year supply and would typically be used only during dry years.

(e) VWC Well 201 is planned to be returned to service by 2017 with treatment under a permit from the DDW.

(f) Planned recycled water is the total projected recycled water demand from Table 4-3 less existing use. Refer to Section 4, including Section 4.4, for further discussion and information regarding factors having the potential to affect the availability of recycled water supplies.

(g) Not needed in average/normal years.

TABLE C-3
AVERAGE/NORMAL YEAR: DEMAND COMPARISON TO TOTAL SUPPLIES

	2020	2025	2030	2035	2040	2045	2050
Water Demands [a]							
LACWWD 36[c]							
Demand w/out Plumbing Code Savings	2,500	3,000	3,500	4,000	4,500	5,000	5,500
Demand w/ Plumbing Code Savings	2,400	2,900	3,300	3,700	4,200	4,600	5,100
Demand w/ Plumbing Code Savings and Active Conservation	2,300	2,700	3,100	3,500	3,900	4,300	4,700
Existing and Planned Supplies	*4,573*	*5,605*	*6,013*	*6,568*	*6,891*	*7,177*	*7,327*
NCWD							
Demand w/out Plumbing Code Savings	11,500	13,200	14,400	15,600	16,800	18,000	19,200
Demand w/ Plumbing Code Savings	11,500	12,400	13,200	14,100	15,100	16,100	17,100
Demand w/ Plumbing Code Savings and Active Conservation	10,100	10,700	11,200	11,800	12,600	13,400	14,200
Existing and Planned Supplies	*16,541*	*17,897*	*17,868*	*18,499*	*19,067*	*19,571*	*19,798*
SCWD							
Demand w/out Plumbing Code Savings	32,500	35,200	37,900	40,600	43,300	46,000	48,700
Demand w/ Plumbing Code Savings	31,500	33,400	35,300	37,400	39,500	41,700	43,900
Demand w/ Plumbing Code Savings and Active Conservation	28,400	29,100	29,900	30,800	32,400	33,900	36,000
Existing and Planned Supplies	*46,396*	*48,543*	*47,296*	*47,596*	*48,258*	*48,683*	*49,525*
VWC							
Demand w/out Plumbing Code Savings	32,900	38,700	44,600	49,300	49,300	49,300	49,300
Demand w/ Plumbing Code Savings	31,300	36,100	40,900	44,800	44,600	44,400	44,300
Demand w/ Plumbing Code Savings and Active Conservation	28,100	32,100	36,600	40,000	39,600	39,300	39,000
Existing and Planned Supplies	*41,686*	*43,443*	*47,582*	*49,874*	*48,320*	*47,106*	*45,886*
Regional Summary							
Demand w/out Plumbing Code Savings	79,400	90,100	100,400	109,500	113,900	118,300	122,700
Demand w/ Plumbing Code Savings	76,700	84,800	92,700	100,000	103,400	106,800	110,400
Demand w/ Plumbing Code Savings and Active Conservation	68,900	74,600	80,800	86,100	88,500	90,900	93,900
Total Existing and Planned Supplies	**109,197**	**115,488**	**118,759**	**122,536**	**122,536**	**122,536**	**122,536**

Notes:
(a) From Table 2-28 (MWM 2016).
(b) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

TABLE C-4
SINGLE DRY YEAR: EXISTING WATER SUPPLIES

Existing Supplies	2020	2025	2030	2035	2040	2045	2050
Existing Supplies[a][b]							
Existing Groundwater[c]							
Alluvial Aquifer							
LACWWD 36							
NCWD	1,150	1,150	1,175	1,175	1,175	1,175	1,175
SCWD	8,150	8,150	8,150	8,150	8,150	8,150	8,150
VWC	10,800	10,725	10,675	10,600	10,600	10,600	10,600
Total	*20,100*	*20,025*	*20,000*	*19,925*	*19,925*	*19,925*	*19,925*
Saugus Formation							
LACWWD 36	500	500	500	500	500	500	500
NCWD	4,975	4,975	4,975	4,975	4,975	4,975	4,975
SCWD	3,300	3,300	3,300	3,300	3,300	3,300	3,300
VWC	11,090	11,090	11,090	11,090	11,090	11,090	11,090
Total	*19,865*	*19,865*	*19,865*	*19,865*	*19,865*	*19,865*	*19,865*
Recycled Water							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	450	450	450	450	450	450	450
Total	*450*	*450*	*450*	*450*	*450*	*450*	*450*
Imported Water							
SWP Table A Amount[d]							
LACWWD 36	319	409	442	509	525	539	542
NCWD	843	935	939	1,043	1,073	1,101	1,106
SCWD	3,009	3,233	3,101	3,247	3,203	3,160	3,151
VWC	629	223	318	0	0	0	0
Total	*4,800*	*4,800*	*4,800*	*4,800*	*4,800*	*4,800*	*4,800*
SWP Flexible Storage Accounts[e]							
LACWWD 36	403	517	431	497	511	525	529
NCWD	1,064	1,181	916	1,017	1,046	1,073	1,079
SCWD	3,799	4,081	3,023	3,166	3,123	3,081	3,072
VWC	794	281	311	0	0	0	0
Total	*6,060*	*6,060*	*4,680*	*4,680*	*4,680*	*4,680*	*4,680*
Buena Vista-Rosedale [J]							
LACWWD 36	732	938	1,013	902	929	954	961
NCWD	1,931	2,143	2,152	1,848	1,900	1,949	1,959
SCWD	6,896	7,408	7,106	5,751	5,671	5,597	5,580
VWC	1,442	510	730	2,500	2,500	2,500	2,500
Total	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*
Nickel Water - Newhall Land[f]							

VWC	1,607	1,607	1,607	1,607	1,607	1,607	1,607
Total	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*
Yuba Accord							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC	0	0	0	0	0	0	0
Total	*0*	*0*	*0*	*0*	*0*	*0*	*0*
Banking and Exchange Programs							
Rosedale Rio-Bravo Bank[g]							
LACWWD 36	200	256	276	318	328	337	339
NCWD	527	584	587	652	671	688	692
SCWD	1,881	2,020	1,938	2,030	2,002	1,975	1,969
VWC	393	139	199	0	0	0	0
Total	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*
Semitropic Bank[h]							
LACWWD 36	333	427	460	530	546	561	
NCWD	878	974	978	1,087	1,118	1,147	
SCWD	3,134	3,367	3,230	3,383	3,336	3,292	
VWC	655	232	332	0	0	0	
Total	*5,000*	*5,000*	*5,000*	*5,000*	*5,000*	*5,000*	*0*
Semitropic - Newhall Land Bank[i]							
VWC	4,950	4,950	4,950	4,950	4,950	4,950	4,950
Total	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*
Rosedale Rio-Bravo Exchange							
LACWWD 36	-	-	-	-	-	-	-
NCWD	-	-	-	-	-	-	-
SCWD	-	-	-	-	-	-	-
VWC	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-
West Kern Exchange							
LACWWD 36	-	-	-	-	-	-	-
NCWD	-	-	-	-	-	-	-
SCWD	-	-	-	-	-	-	-
VWC	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-
Total Existing Supplies							
LACWWD 36	2,486	3,047	3,122	3,256	3,339	3,417	2,871
NCWD	11,366	11,942	11,722	11,797	11,957	12,107	10,986
SCWD	30,168	31,561	29,847	29,027	28,784	28,556	25,223
VWC	32,811	30,207	30,662	31,197	31,197	31,197	31,197
Total	**76,832**	**76,757**	**75,352**	**75,277**	**75,277**	**75,277**	**70,277**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

(c) Existing supplies represent the quantity of groundwater anticipated to be pumped with existing wells. As indicated in Tables 3-8 and 3-9, and in Tables 3-4 and 3-5 of the 2009 Groundwater Basin Yield Analysis, individual purveyors may have well capacity in excess of quantities shown above. Existing pumping is consistent with Table 3-8 of the 2009 Groundwater Basin Yield Analysis for the 1977 single-dry year. As indicated in Table 3-11, existing and planned groundwater pumping remain within the groundwater operating plan shown on Table 3- 5.

(d) SWP supplies from Table 3-2, based on worst case actual allocation of 2014.

(e) Includes both CLWA and Ventura County entities flexible storage accounts. Extended term of agreement with Ventura County expires at the end of 2025.

(f) Existing Newhall Land supply committed under approved Newhall Ranch Specific Plan. Assumed to be transferred to CLWA or VWC during Newhall Ranch development, and available for annual purchase prior to that.

(g) CLWA has an existing firm withdrawal capacity of 3,000 AFY and a storage capacity of 100,000 AF. There is currently 94,178 AF of recoverable water in storage.

(h) CLWA has a maximum firm withdrawal capacity of 5,000 AFY and a storage capacity of 15,000 AF. Additionally, CLWA has 35,970 AF of recoverable water stored that may be recovered using this withdrawal capacity.

(i) Newhall Land has a maximum withdrawal capacity of 4,950 AFY and a storage capacity of 55,000 AF. Newhall Land had 32,507 AF of recoverable water as of 1/1/16. This is an existing Newhall Land supply, assumed to be transferred to CLWA or VWC during Newhall Ranch development with firm withdrawal capacity made available to CLWA prior to that. Delivery of stored water from this program is assumed available to VWC.

(j) Distribution of Buena Vista Supply reflects (1) 500 AF of supply dedicated to the pending Tesoro Del Valle annexation into CLWA and NCWD beginning in 2020, and (2) 2,500AF dedicated to the pending Legacy Village annexation into CLWA and VWC beginning 2035. Prior to these demands developing the entire 11,000 AF of this supply would be available to the entire CLWA service area.

TABLE C-5
SINGLE DRY YEAR: PLANNED AND TOTAL WATER SUPPLIES

Planned Supplies	2020	2025	2030	2035	2040	2045	2050
Planned Supplies							
Future Groundwater[a][b]							
Alluvial Aquifer							
LACWWD 36							
NCWD	0	0	0	0	0	0	0
SCWD	250	325	350	425	425	425	425
VWC[c]	2,000	4,000	5,000	7,000	7,000	7,000	7,000
Total	*2,250*	*4,325*	*5,350*	*7,425*	*7,425*	*7,425*	*7,425*
Saugus Formation[d]							
LACWWD 36	751	857	862	891	942	986	1,011
NCWD	1,611	1,713	1,567	1,543	1,636	1,717	1,758
SCWD	7,188	6,979	6,191	5,799	5,851	5,871	5,946
VWC (Restored Well)[e]	3,775	3,775	3,775	3,775	3,775	3,775	3,775
VWC (New Wells)	10	10	939	1,327	1,132	986	844
Total	*13,335*	*13,335*	*13,335*	*13,335*	*13,335*	*13,335*	*13,335*
Recycled Water[f]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	249	249	249	249	249	249
SCWD	300	524	524	524	524	524	524
VWC	265	4,383	6,854	8,831	8,831	8,831	8,831
Total	*565*	*5,156*	*7,627*	*9,604*	*9,604*	*9,604*	*9,604*
Banking Programs							
Rosedale Rio-Bravo Bank [g]							
LACWD 36	466	597	1,565	1,804	1,858	1,909	1,921
NCWD	1,229	1,364	3,326	3,695	3,800	3,898	3,919
SCWD	4,388	4,714	10,981	11,501	11,343	11,193	11,160
VWC	918	325	1,128	0	0	0	0
Total	*7,000*	*7,000*	*17,000*	*17,000*	*17,000*	*17,000*	*17,000*
Future Additional Bank[h]							
LACWWD 36	0	0	0	0	0	0	565
NCWD	0	0	0	0	0	0	1,153
SCWD	0	0	0	0	0	0	3,282
VWC	0	0	0	0	0	0	0
Total	-	-	-	-	-	-	*5,000*
Total Planned Supplies							
LACWD 36	1,217	1,455	2,426	2,694	2,800	2,895	3,497
NCWD	2,839	3,326	5,142	5,487	5,684	5,864	7,078
SCWD	12,126	12,543	18,047	18,249	18,143	18,013	21,338
VWC	6,968	12,493	17,696	20,933	20,738	20,592	20,450
Total	*23,150*	*29,816*	*43,312*	*47,364*	*47,364*	*47,364*	*52,364*

Total Existing and Planned Supplies

LACWWD 36	3,703	4,502	5,548	5,951	6,139	6,312	6,368
NCWD	14,205	15,268	16,864	17,284	17,641	17,971	18,064
SCWD	42,295	44,103	47,894	47,276	46,927	46,569	46,561
VWC	39,779	42,700	48,358	52,130	51,935	51,789	51,647
Total	**99,982**	**106,573**	**118,664**	**122,641**	**122,641**	**122,641**	**122,641**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) Planned groundwater supplies represent new groundwater well capacity that may be required by an individual purveyor's production objectives in the Alluvial Aquifer and the Saugus Formation, including 3,775 AFY of restored production from VWC Well 201 and approximately 9,560 AFY from replacement and new Saugus Formation wells. When combined with existing purveyor and non-purveyor groundwater supplies, total groundwater production is consistent with the 1977 single dry-year levels identified in Table 3-8 of the 2009 Groundwater Basin Yield Analysis. As indicated in Table 3-11, existing and planned groundwater pumping remain within the groundwater operating plan shown on Table 3- 5.

(c) Conversion of Newhall Land agricultural groundwater supplies to VWC M&I supplies.

(d) Up to four new and replacement wells are planned to provide additional dry-year supply and would typically be used only during dry years.

(e) VWC Well 201 is planned to be returned to service by 2017 with treatment under a permit from the DDW.

(f) Planned recycled water is the total projected recycled water demand from Table 4-3 less existing use. Refer to Section 4, including Section 4.4, for further discussion and information regarding factors having the potential to affect the availability of recycled water supplies.

(g) Firm withdrawal capacity under existing Rosedale Rio-Bravo Banking Program to be expanded by 7,000 AFY by 2017 (for a total of existing and planned supply of 10,000 AFY). An additional expansion of 10,000 AF is anticipated by 2030.

(h) Additional banking program with firm withdrawal capacity of 5,000 AFY after 2045 when Semitropic Bank contract expires.

TABLE C-6
SINGLE DRY YEAR: DEMAND COMPARISON TO TOTAL SUPPLIES

	2020	2025	2030	2035	2040	2045	2050
Water Demands [a][b]							
LACWWD 36[c]							
Demand w/out Plumbing Code Savings	2,750	3,300	3,850	4,400	4,950	5,500	6,050
Demand w/ Plumbing Code Savings	2,640	3,190	3,630	4,070	4,620	5,060	5,610
Demand w/ Plumbing Code Savings and Active Conservation	2,530	2,970	3,410	3,850	4,290	4,730	5,170
Existing and Planned Supplies	*3,703*	*4,502*	*5,548*	*5,951*	*6,139*	*6,312*	*6,368*
NCWD							
Demand w/out Plumbing Code Savings	12,650	14,520	15,840	17,160	18,480	19,800	21,120
Demand w/ Plumbing Code Savings	12,650	13,640	14,520	15,510	16,610	17,710	18,810
Demand w/ Plumbing Code Savings and Active Conservation	11,110	11,770	12,320	12,980	13,860	14,740	15,620
Existing and Planned Supplies	*14,205*	*15,268*	*16,864*	*17,284*	*17,641*	*17,971*	*18,064*
SCWD							
Demand w/out Plumbing Code Savings	35,750	38,720	41,690	44,660	47,630	50,600	53,570
Demand w/ Plumbing Code Savings	34,650	36,740	38,830	41,140	43,450	45,870	48,290
Demand w/ Plumbing Code Savings and Active Conservation	31,240	32,010	32,890	33,880	35,640	37,290	39,600
Existing and Planned Supplies	*42,295*	*44,103*	*47,894*	*47,276*	*46,927*	*46,569*	*46,561*
VWC							
Demand w/out Plumbing Code Savings	36,190	42,570	49,060	54,230	54,230	54,230	54,230
Demand w/ Plumbing Code Savings	34,430	39,710	44,990	49,280	49,060	48,840	48,730
Demand w/ Plumbing Code Savings and Active Conservation	30,910	35,310	40,260	44,000	43,560	43,230	42,900
Existing and Planned Supplies	*39,779*	*42,700*	*48,358*	*52,130*	*51,935*	*51,789*	*51,647*
Regional Summary							
Demand w/out Plumbing Code Savings	87,340	99,110	110,440	120,450	125,290	130,130	134,970
Demand w/ Plumbing Code Savings	84,370	93,280	101,970	110,000	113,740	117,480	121,440
Demand w/ Plumbing Code Savings and Active Conservation	75,790	82,060	88,880	94,710	97,350	99,990	103,290
Total Existing and Planned Supplies	**99,982**	**106,573**	**118,664**	**122,641**	**122,641**	**122,641**	**122,641**

Notes:
(a) From Table 2-28 (MWM 2016).
(b) Includes a 10 percent increase in demand during dry years.
(c) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

TABLE C-7A
FOUR-YEAR DRY PERIOD: EXISTING WATER SUPPLIES

Existing Supplies	2020	2025	2030	2035	2040	2045	2050
Existing Supplies[a][b]							
Existing Groundwater[c]							
Alluvial Aquifer							
LACWWD 36							
NCWD	1,125	1,125	1,125	1,125	1,125	1,125	1,125
SCWD	7,675	7,700	7,725	7,775	7,775	7,775	7,775
VWC	11,550	11,525	11,500	11,450	11,450	11,450	11,450
Total	*20,350*	*20,350*	*20,350*	*20,350*	*20,350*	*20,350*	*20,350*
Saugus Formation							
LACWWD 36	500	500	500	500	500	500	500
NCWD	4,975	4,975	4,975	4,975	4,975	4,975	4,975
SCWD	3,300	3,300	3,300	3,300	3,300	3,300	3,300
VWC	6,103	6,689	7,397	7,579	7,372	7,210	7,046
Total	*14,878*	*15,464*	*16,172*	*16,354*	*16,147*	*15,985*	*15,821*
Recycled Water							
LACWWD 36	-	-	-	-	-	-	-
NCWD	-	-	-	-	-	-	-
SCWD	-	-	-	-	-	-	-
VWC	450	450	450	450	450	450	450
Total	*450*	*450*	*450*	*450*	*450*	*450*	*450*
Imported Water							
SWP Table A Amount[d]							
LACWWD 36	2,005	2,651	2,872	3,165	3,311	3,437	3,491
NCWD	2,577	3,146	3,455	3,941	4,417	4,827	5,101
SCWD	17,038	19,019	18,370	18,493	18,646	18,691	18,929
VWC	9,780	6,584	6,703	5,801	5,027	4,445	3,880
Total	*31,400*	*31,400*	*31,400*	*31,400*	*31,400*	*31,400*	*31,400*
SWP Flexible Storage Accounts[e]							
LACWWD 36	97	128	107	118	123	128	130
NCWD	124	152	129	147	165	180	190
SCWD	822	918	684	689	695	696	705
VWC	472	318	250	216	187	166	145
Total	*1,515*	*1,515*	*1,170*	*1,170*	*1,170*	*1,170*	*1,170*
Buena Vista-Rosedale [k]							
LACWWD 36	702	929	1,006	1,051	1,067	1,084	1,078
NCWD	903	1,102	1,210	1,309	1,424	1,522	1,576
SCWD	5,969	6,663	6,435	6,141	6,009	5,894	5,846
VWC	3,426	2,307	2,348	2,500	2,500	2,500	2,500
Total	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*
Nickel Water - Newhall Land[f]							

VWC	1,607	1,607	1,607	1,607	1,607	1,607	1,607
Total	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*
Yuba Accord							
LACWWD 36	64	84	0	0	0	0	0
NCWD	82	100	0	0	0	0	0
SCWD	543	606	0	0	0	0	0
VWC	311	210	0	0	0	0	0
Total	*1,000*	*1,000*	-	-	-	-	-
Banking and Exchange Programs							
Rosedale Rio-Bravo Bank[g]							
LACWWD 36	192	253	274	302	316	328	333
NCWD	246	301	330	377	422	461	487
SCWD	1,628	1,817	1,755	1,767	1,781	1,786	1,808
VWC	934	629	640	554	480	425	371
Total	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*
Semitropic Bank[h]							
LACWWD 36	319	422	457	504	527	547	
NCWD	410	501	550	628	703	769	
SCWD	2,713	3,028	2,925	2,945	2,969	2,976	
VWC	1,557	1,048	1,067	924	800	708	
Total	*5,000*	*5,000*	*5,000*	*5,000*	*5,000*	*5,000*	-
Semitropic - Newhall Land Bank[i]							
VWC	4,950	4,950	4,950	4,950	4,950	4,950	4,950
Total	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*
Rosedale Rio-Bravo Exchange[j]							
LACWWD 36	152	0	0	0	0	0	0
NCWD	195	0	0	0	0	0	0
SCWD	1,289	0	0	0	0	0	0
VWC	740	0	0	0	0	0	0
Total	*2,375*	-	-	-	-	-	-
West Kern Exchange[j]							
LACWWD 36	8	0	0	0	0	0	0
NCWD	10	0	0	0	0	0	0
SCWD	68	0	0	0	0	0	0
VWC	39	0	0	0	0	0	0
Total	*125*	-	-	-	-	-	-
Total Existing Supplies							
LACWWD 36	4,038	4,968	5,216	5,640	5,844	6,024	5,532
NCWD	10,647	11,401	11,775	12,501	13,230	13,858	13,454
SCWD	41,045	43,050	41,196	41,110	41,176	41,119	38,364
VWC	41,920	36,317	36,913	36,031	34,824	33,910	32,398
Total	**97,650**	**95,736**	**95,099**	**95,281**	**95,074**	**94,912**	**89,748**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

(c) Existing supplies represent the quantity of groundwater anticipated to be pumped with existing wells. As indicated in Tables 3-8 and 3-9, and in Tables 3-4 and 3-5 of the 2009 Groundwater Basin Yield Analysis, individual purveyors may have well capacity in excess of quantities shown above. As indicated in Table 3-12A, existing and planned groundwater pumping remain within the groundwater operating plan shown on Table 3- 5.

(d) SWP supplies from Table 3-2, based on 1931-1934 supplies from 2015 DCR.

(e) Includes both CLWA and Ventura County entities flexible storage accounts. Extended term of agreement with Ventura County expires at the end of 2025.

(f) Existing Newhall Land supply committed under approved Newhall Ranch Specific Plan. Assumed to be transferred to CLWA or VWC during Newhall Ranch development, and available for annual purchase prior to that.

(g) CLWA has an existing firm withdrawal capacity of 3,000 AFY and a storage capacity of 100,000 AF. There is currently 94,178 AF of recoverable water in storage.

(h) CLWA has a maximum firm withdrawal capacity of 5,000 AFY and a storage capacity of 15,000 AF. Additionally, CLWA has 35,970 AF of recoverable water stored that may be recovered using this withdrawal capacity.

(i) Newhall Land has a maximum withdrawal capacity of 4,950 AFY and a storage capacity of 55,000 AF. Newhall Land had 32,507 AF of recoverable water as of 1/1/16. This is an existing Newhall Land supply, assumed to be transferred to CLWA or VWC during Newhall Ranch development, with firm withdrawal capacity made available to CLWA prior to that. Delivery of stored water from this program is assumed available to VWC.

(j) Exchange recovery assumed to occur sometime during the four-year dry period, for an average annual supply of one-fourth of the total recoverable water available.

(k) Distribution of Buena Vista Supply reflects (1) 500 AF of supply dedicated to the pending Tesoro Del Valle annexation into CLWA and NCWD beginning in 2020, and (2) 2,500AF dedicated to the pending Legacy Village annexation into CLWA and VWC beginning 2035. Prior to these demands developing the entire 11,000 AF of this supply would be available to the entire CLWA service area.

TABLE C-8A
FOUR-YEAR DRY PERIOD: PLANNED AND TOTAL WATER SUPPLIES

Planned Supplies	2020	2025	2030	2035	2040	2045	2050
Planned Supplies							
Future Groundwater[a][b]							
Alluvial Aquifer							
LACWWD 36							
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC[c]	2,000	4,000	5,000	7,000	7,000	7,000	7,000
Total	*2,000*	*4,000*	*5,000*	*7,000*	*7,000*	*7,000*	*7,000*
Saugus Formation[d]							
LACWWD 36	643	663	646	668	707	740	759
NCWD	3,227	3,277	3,247	3,292	3,397	3,490	3,555
SCWD	8,176	7,522	6,859	6,611	6,674	6,711	6,790
VWC (Restored Well) [e]	3,775	3,775	3,775	3,775	3,775	3,775	3,775
VWC (New Wells)	0	0	0	0	0	0	0
Total	*15,822*	*15,236*	*14,528*	*14,346*	*14,553*	*14,715*	*14,879*
Recycled Water[f]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	249	249	249	249	249	249
SCWD	300	524	524	524	524	524	524
VWC	265	4,383	6,854	8,831	8,831	8,831	8,831
Total	*565*	*5,156*	*7,627*	*9,604*	*9,604*	*9,604*	*9,604*
Banking Programs							
Rosedale Rio-Bravo Bank[g]							
LACWD 36	447	591	1,555	1,713	1,792	1,861	1,890
NCWD	574	701	1,871	2,134	2,391	2,613	2,762
SCWD	3,798	4,240	9,946	10,012	10,095	10,119	10,248
VWC	2,180	1,468	3,629	3,141	2,722	2,407	2,101
Total	*7,000*	*7,000*	*17,000*	*17,000*	*17,000*	*17,000*	*17,000*
Future Additonal Bank[h]							
LACWWD 36	0	0	0	0	0	0	556
NCWD	0	0	0	0	0	0	812
SCWD	0	0	0	0	0	0	3,014
VWC	0	0	0	0	0	0	618
Total	-	-	-	-	-	-	*5,000*
Total Planned Supplies							
LACWWD 36	1,090	1,254	2,201	2,382	2,499	2,601	3,204
NCWD	3,802	4,227	5,367	5,674	6,037	6,352	7,378
SCWD	12,275	12,286	17,329	17,147	17,293	17,354	20,576
VWC	8,220	13,626	19,258	22,747	22,328	22,013	22,324
Total	*25,387*	*31,392*	*44,155*	*47,950*	*48,157*	*48,319*	*53,483*

Total Existing and Planned Supplies

LACWWD 36	5,128	6,222	7,417	8,022	8,343	8,625	8,736
NCWD	14,449	15,628	17,142	18,175	19,268	20,210	20,832
SCWD	53,319	55,336	58,525	58,257	58,469	58,473	58,940
VWC	50,141	49,942	56,171	58,777	57,151	55,923	54,723
Total	**123,037**	**127,128**	**139,254**	**143,231**	**143,231**	**143,231**	**143,231**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) Planned groundwater supplies represent new groundwater well capacity that may be required by an individual purveyor's production objectives in the Alluvial Aquifer and the Saugus Formation, including 3,775 AFY of restored production from VWC Well 201 and approximately 11,100 AFY from replacement and new Saugus Formation wells. When combined with existing purveyor and non-purveyor groundwater supplies, total groundwater production is consistent with the 1931-1934 multiple dry-year levels identified in Table 3-8 of the 2009 Groundwater Basin Yield Analysis. As indicated in Table 3-12A, existing and planned groundwater pumping remain within the groundwater operating plan shown on Table 3- 5.

(c) Conversion of Newhall Land agricultural groundwater supplies to VWC M&I supplies.

(d) Up to four new and replacement wells are planned to provide additional dry-year supply and would typically be used only during dry years.

(e) VWC Well 201 is planned to be returned to service by 2017 with treatment under a permit from the DDW.

(f) Planned recycled water is the total projected recycled water demand from Table 4-3 less existing use. Refer to Section 4, including Section 4.4, for further discussion and information regarding factors having the potential to affect the availability of recycled water supplies.

(g) Firm withdrawal capacity under existing Rosedale Rio-Bravo Banking Program to be expanded by 7,000 AFY by 2017 (for a total of existing and planned supply of 10,000 AFY). An additional expansion of 10,000 AF is anticipated by 2030.

(h) Additional banking program with firm withdrawal capacity of 5,000 AFY after 2045 when Semitropic Bank contract expires.

TABLE C-9A
FOUR-YEAR DRY PERIOD: DEMAND COMPARISON TO TOTAL SUPPLIES

	2020	2025	2030	2035	2040	2045	2050
Water Demands [a][b]							
LACWWD 36[c]							
Demand w/out Plumbing Code Savings	2,750	3,300	3,850	4,400	4,950	5,500	6,050
Demand w/ Plumbing Code Savings	2,640	3,190	3,630	4,070	4,620	5,060	5,610
Demand w/ Plumbing Code Savings and Active Conservation	2,530	2,970	3,410	3,850	4,290	4,730	5,170
Existing and Planned Supplies	*5,128*	*6,222*	*7,417*	*8,022*	*8,343*	*8,625*	*8,736*
NCWD							
Demand w/out Plumbing Code Savings	12,650	14,520	15,840	17,160	18,480	19,800	21,120
Demand w/ Plumbing Code Savings	12,650	13,640	14,520	15,510	16,610	17,710	18,810
Demand w/ Plumbing Code Savings and Active Conservation	11,110	11,770	12,320	12,980	13,860	14,740	15,620
Existing and Planned Supplies	*14,449*	*15,628*	*17,142*	*18,175*	*19,268*	*20,210*	*20,832*
SCWD							
Demand w/out Plumbing Code Savings	35,750	38,720	41,690	44,660	47,630	50,600	53,570
Demand w/ Plumbing Code Savings	34,650	36,740	38,830	41,140	43,450	45,870	48,290
Demand w/ Plumbing Code Savings and Active Conservation	31,240	32,010	32,890	33,880	35,640	37,290	39,600
Existing and Planned Supplies	*53,319*	*55,336*	*58,525*	*58,257*	*58,469*	*58,473*	*58,940*
VWC							
Demand w/out Plumbing Code Savings	36,190	42,570	49,060	54,230	54,230	54,230	54,230
Demand w/ Plumbing Code Savings	34,430	39,710	44,990	49,280	49,060	48,840	48,730
Demand w/ Plumbing Code Savings and Active Conservation	30,910	35,310	40,260	44,000	43,560	43,230	42,900
Existing and Planned Supplies	*50,141*	*49,942*	*56,171*	*58,777*	*57,151*	*55,923*	*54,723*
Regional Summary							
Demand w/out Plumbing Code Savings	87,340	99,110	110,440	120,450	125,290	130,130	134,970
Demand w/ Plumbing Code Savings	84,370	93,280	101,970	110,000	113,740	117,480	121,440
Demand w/ Plumbing Code Savings and Active Conservation	75,790	82,060	88,880	94,710	97,350	99,990	103,290
Total Existing and Planned Supplies	**123,037**	**127,128**	**139,254**	**143,231**	**143,231**	**143,231**	**143,231**

Notes:
(a) From Table 2-28 (MWM 2016).
(b) Includes a 10 percent increase in demand during dry years.
(c) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

TABLE C-7B
THREE-YEAR DRY PERIOD: EXISTING WATER SUPPLIES

Existing Supplies	2020	2025	2030	2035	2040	2045	2050
Existing Supplies[a][b]							
Existing Groundwater[c]							
Alluvial Aquifer							
LACWWD 36							
NCWD	1,125	1,125	1,125	1,125	1,125	1,125	1,125
SCWD	7,675	7,700	7,725	7,775	7,775	7,775	7,775
VWC	11,550	11,525	11,500	11,450	11,450	11,450	11,450
Total	*20,350*	*20,350*	*20,350*	*20,350*	*20,350*	*20,350*	*20,350*
Saugus Formation							
LACWWD 36	500	500	500	500	500	500	500
NCWD	4,975	4,975	4,975	4,975	4,975	4,975	4,975
SCWD	3,300	3,300	3,300	3,300	3,300	3,300	3,300
VWC	5,846	6,400	7,081	7,255	7,051	6,890	6,727
Total	*14,621*	*15,175*	*15,856*	*16,030*	*15,826*	*15,665*	*15,502*
Recycled Water							
LACWWD 36	-	-	-	-	-	-	-
NCWD	-	-	-	-	-	-	-
SCWD	-	-	-	-	-	-	-
VWC	450	450	450	450	450	450	450
Total	*450*	*450*	*450*	*450*	*450*	*450*	*450*
Imported Water							
SWP Table A Amount[d]							
LACWWD 36	1,236	1,601	1,718	1,866	1,956	2,034	2,070
NCWD	1,756	2,080	2,231	2,478	2,752	2,989	3,147
SCWD	10,647	11,634	11,129	11,031	11,133	11,171	11,323
VWC	6,161	4,186	4,222	3,625	3,159	2,806	2,460
Total	*19,800*	*19,500*	*19,300*	*19,000*	*19,000*	*19,000*	*19,000*
SWP Flexible Storage Accounts[e]							
LACWWD 36	126	166	139	153	161	167	170
NCWD	179	215	180	203	226	245	258
SCWD	1,086	1,205	900	906	914	917	930
VWC	629	434	341	298	259	230	202
Total	*2,020*	*2,020*	*1,560*	*1,560*	*1,560*	*1,560*	*1,560*
Buena Vista-Rosedale [k]							
LACWWD 36	687	903	979	1,032	1,049	1,068	1,064
NCWD	976	1,173	1,272	1,370	1,477	1,569	1,617
SCWD	5,915	6,563	6,343	6,099	5,974	5,863	5,819
VWC	3,423	2,361	2,406	2,500	2,500	2,500	2,500
Total	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*	*11,000*
Nickel Water - Newhall Land[f]							

VWC	1,607	1,607	1,607	1,607	1,607	1,607	1,607
Total	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*	*1,607*
Yuba Accord							
LACWWD 36	62	82	0	0	0	0	0
NCWD	89	107	0	0	0	0	0
SCWD	538	597	0	0	0	0	0
VWC	311	215	0	0	0	0	0
Total	*1,000*	*1,000*	-	-	-	-	-
Banking and Exchange Programs							
Rosedale Rio-Bravo Bank[g]							
LACWWD 36	187	246	267	295	309	321	327
NCWD	266	320	347	391	435	472	497
SCWD	1,613	1,790	1,730	1,742	1,758	1,764	1,788
VWC	933	644	656	572	499	443	388
Total	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*	*3,000*
Semitropic Bank[h]							
LACWWD 36	312	410	445	491	515	535	
NCWD	443	533	578	652	724	787	
SCWD	2,689	2,983	2,883	2,903	2,930	2,940	
VWC	1,556	1,073	1,094	954	831	738	
Total	*5,000*	*5,000*	*5,000*	*5,000*	*5,000*	*5,000*	-
Semitropic - Newhall Land Bank[i]							
VWC	4,950	4,950	4,950	4,950	4,950	4,950	4,950
Total	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*	*4,950*
Rosedale Rio-Bravo Exchange[j]							
LACWWD 36	198	0	0	0	0	0	0
NCWD	281	0	0	0	0	0	0
SCWD	1,703	0	0	0	0	0	0
VWC	985	0	0	0	0	0	0
Total	*3,167*	-	-	-	-	-	-
West Kern Exchange[j]							
LACWWD 36	10	0	0	0	0	0	0
NCWD	15	0	0	0	0	0	0
SCWD	90	0	0	0	0	0	0
VWC	52	0	0	0	0	0	0
Total	*167*	-	-	-	-	-	-
Total Existing Supplies							
LACWWD 36	3,319	3,908	4,049	4,336	4,489	4,625	4,130
NCWD	10,105	10,529	10,708	11,194	11,713	12,162	11,619
SCWD	35,254	35,771	34,009	33,755	33,784	33,730	30,935
VWC	38,452	33,845	34,307	33,662	32,756	32,064	30,735
Total	**87,131**	**84,052**	**83,073**	**82,947**	**82,743**	**82,582**	**77,419**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

(c) Existing supplies represent the quantity of groundwater anticipated to be pumped with existing wells. As indicated in Tables 3-8 and 3-9, and in Tables 3-4 and 3-5 of the 2009 Groundwater Basin Yield Analysis, individual purveyors may have well capacity in excess of quantities shown above. As indicated in Table 3-12B, existing and planned groundwater pumping remain within the groundwater operating plan shown on Table 3- 5.

(d) SWP supplies from Table 3-2, based on 1990-92 supplies from 2015 DCR.

(e) Includes both CLWA and Ventura County entities flexible storage accounts. Extended term of agreement with Ventura County expires at the end of 2025.

(f) Existing Newhall Land supply committed under approved Newhall Ranch Specific Plan. Assumed to be transferred to CLWA or VWC during Newhall Ranch development, and available for annual purchase prior to that.

(g) CLWA has an existing firm withdrawal capacity of 3,000 AFY and a storage capacity of 100,000 AF. There is currently 94,178 AF of recoverable water in storage.

(h) CLWA has a maximum firm withdrawal capacity of 5,000 AFY and a storage capacity of 15,000 AF. Additionally, CLWA has 35,970 AF of recoverable water stored that may be recovered using this withdrawal capacity.

(i) Newhall Land has a maximum withdrawal capacity of 4,950 AFY and a storage capacity of 55,000 AF. Newhall Land had 32,507 AF of recoverable water as of 1/1/16. This is an existing Newhall Land supply, assumed to be transferred to CLWA or VWC during Newhall Ranch development, with firm withdrawal capacity made available to CLWA prior to that. Delivery of stored water from this program is assumed available to VWC.

(j) Exchange recovery assumed to occur sometime during the three-year dry period, for an average annual supply of one-third of the total recoverable water available.

(k) Distribution of Buena Vista Supply reflects (1) 500 AF of supply dedicated to the pending Tesoro Del Valle annexation into CLWA and NCWD beginning in 2020, and (2) 2,500AF dedicated to the pending Legacy Village annexation into CLWA and VWC beginning 2035. Prior to these demands developing the entire 11,000 AF of this supply would be available to the entire CLWA service area.

TABLE C-8B
THREE-YEAR DRY PERIOD: PLANNED AND TOTAL WATER SUPPLIES

Planned Supplies	2020	2025	2030	2035	2040	2045	2050
Planned Supplies							
Future Groundwater[a][b]							
Alluvial Aquifer							
LACWWD 36							
NCWD	0	0	0	0	0	0	0
SCWD	0	0	0	0	0	0	0
VWC[c]	2,000	4,000	5,000	7,000	7,000	7,000	7,000
Total	*2,000*	*4,000*	*5,000*	*7,000*	*7,000*	*7,000*	*7,000*
Saugus Formation[d]							
LACWWD 36	621	643	630	654	692	726	745
NCWD	3,008	3,047	3,011	3,051	3,152	3,241	3,303
SCWD	7,826	7,209	6,578	6,341	6,406	6,444	6,525
VWC (Restored Well) [e]	3,775	3,775	3,775	3,775	3,775	3,775	3,775
VWC (New Wells)	0	0	0	0	0	0	0
Total	*15,229*	*14,675*	*13,994*	*13,820*	*14,024*	*14,185*	*14,348*
Recycled Water[f]							
LACWWD 36	0	0	0	0	0	0	0
NCWD	0	249	249	249	249	249	249
SCWD	300	524	524	524	524	524	524
VWC	265	4,383	6,854	8,831	8,831	8,831	8,831
Total	*565*	*5,156*	*7,627*	*9,604*	*9,604*	*9,604*	*9,604*
Banking Programs							
Rosedale Rio-Bravo Bank[g]							
LACWD 36	437	575	1,514	1,670	1,750	1,820	1,852
NCWD	621	747	1,965	2,217	2,462	2,675	2,816
SCWD	3,764	4,176	9,802	9,870	9,962	9,995	10,131
VWC	2,178	1,503	3,719	3,244	2,826	2,510	2,201
Total	*7,000*	*7,000*	*17,000*	*17,000*	*17,000*	*17,000*	*17,000*
Future Additonal Bank[h]							
LACWWD 36	0	0	0	0	0	0	545
NCWD	0	0	0	0	0	0	828
SCWD	0	0	0	0	0	0	2,980
VWC	0	0	0	0	0	0	647
Total	-	-	-	-	-	-	*5,000*
Total Planned Supplies							
LACWWD 36	1,058	1,218	2,144	2,323	2,442	2,545	3,141
NCWD	3,629	4,043	5,225	5,516	5,863	6,164	7,195
SCWD	11,890	11,910	16,904	16,735	16,891	16,963	20,160
VWC	8,218	13,661	19,348	22,850	22,432	22,116	22,455
Total	*24,794*	*30,831*	*43,621*	*47,424*	*47,628*	*47,789*	*52,952*

Total Existing and Planned Supplies

LACWWD 36	4,377	5,126	6,193	6,660	6,931	7,170	7,271
NCWD	13,733	14,572	15,934	16,711	17,577	18,327	18,815
SCWD	47,145	47,680	50,913	50,489	50,675	50,693	51,095
VWC	46,671	47,505	53,654	56,511	55,188	54,181	53,190
Total	**111,925**	**114,883**	**126,694**	**130,371**	**130,371**	**130,371**	**130,371**

Notes:

(a) The distribution of existing and planned supplies does not represent a formal allocation of water supplies.

(b) Planned groundwater supplies represent new groundwater well capacity that may be required by an individual purveyor's production objectives in the Alluvial Aquifer and the Saugus Formation, including 3,775 AFY of restored production from VWC Well 201 and approximately 10,550 AFY from replacement and new Saugus Formation wells. When combined with existing purveyor and non-purveyor groundwater supplies, total groundwater production is consistent with the 1990-1992 multiple dry-year levels identified in Table 3-8 of the 2009 Groundwater Basin Yield Analysis. As indicated in Table 3-12B, existing and planned groundwater pumping remain within the groundwater operating plan shown on Table 3- 5.

(c) Conversion of Newhall Land agricultural groundwater supplies to VWC M&I supplies.

(d) Up to four new and replacement wells are planned to provide additional dry-year supply and would typically be used only during dry years.

(e) VWC Well 201 is planned to be returned to service by 2017 with treatment under a permit from the DDW.

(f) Planned recycled water is the total projected recycled water demand from Table 4-3 less existing use. Refer to Section 4, including Section 4.4, for further discussion and information regarding factors having the potential to affect the availability of recycled water supplies.

(g) Firm withdrawal capacity under existing Rosedale Rio-Bravo Banking Program to be expanded by 7,000 AFY by 2017 (for a total of existing and planned supply of 10,000 AFY). An additional expansion of 10,000 AF is anticipated by 2030.

(h) Additional banking program with firm withdrawal capacity of 5,000 AFY after 2045 when Semitropic Bank contract expires.

TABLE C-9B
THREE-YEAR DRY PERIOD: DEMAND COMPARISON TO TOTAL SUPPLIES

	2020	2025	2030	2035	2040	2045	2050
Water Demands [a][b]							
LACWWD 36[c]							
Demand w/out Plumbing Code Savings	2,750	3,300	3,850	4,400	4,950	5,500	6,050
Demand w/ Plumbing Code Savings	2,640	3,190	3,630	4,070	4,620	5,060	5,610
Demand w/ Plumbing Code Savings and Active Conservation	2,530	2,970	3,410	3,850	4,290	4,730	5,170
Existing and Planned Supplies	*4,377*	*5,126*	*6,193*	*6,660*	*6,931*	*7,170*	*7,271*
NCWD							
Demand w/out Plumbing Code Savings	12,650	14,520	15,840	17,160	18,480	19,800	21,120
Demand w/ Plumbing Code Savings	12,650	13,640	14,520	15,510	16,610	17,710	18,810
Demand w/ Plumbing Code Savings and Active Conservation	11,110	11,770	12,320	12,980	13,860	14,740	15,620
Existing and Planned Supplies	*13,733*	*14,572*	*15,934*	*16,711*	*17,577*	*18,327*	*18,815*
SCWD							
Demand w/out Plumbing Code Savings	35,750	38,720	41,690	44,660	47,630	50,600	53,570
Demand w/ Plumbing Code Savings	34,650	36,740	38,830	41,140	43,450	45,870	48,290
Demand w/ Plumbing Code Savings and Active Conservation	31,240	32,010	32,890	33,880	35,640	37,290	39,600
Existing and Planned Supplies	*47,145*	*47,680*	*50,913*	*50,489*	*50,675*	*50,693*	*51,095*
VWC							
Demand w/out Plumbing Code Savings	36,190	42,570	49,060	54,230	54,230	54,230	54,230
Demand w/ Plumbing Code Savings	34,430	39,710	44,990	49,280	49,060	48,840	48,730
Demand w/ Plumbing Code Savings and Active Conservation	30,910	35,310	40,260	44,000	43,560	43,230	42,900
Existing and Planned Supplies	*46,671*	*47,505*	*53,654*	*56,511*	*55,188*	*54,181*	*53,190*
Regional Summary							
Demand w/out Plumbing Code Savings	87,340	99,110	110,440	120,450	125,290	130,130	134,970
Demand w/ Plumbing Code Savings	84,370	93,280	101,970	110,000	113,740	117,480	121,440
Demand w/ Plumbing Code Savings and Active Conservation	75,790	82,060	88,880	94,710	97,350	99,990	103,290
Total Existing and Planned Supplies	**111,925**	**114,883**	**126,694**	**130,371**	**130,371**	**130,371**	**130,371**

Notes:
(a) From Table 2-28 (MWM 2016).
(b) Includes a 10 percent increase in demand during dry years.
(c) LACWWD 36 included for purposes of providing regional completeness; however, it is not required to prepare an UWMP.

Appendix D: AWWA Water Loss Reporting Worksheets

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0

? Click to access definition
+ Click to add a comment

Water Audit Report for: Castaic Lake Water Agecny
Reporting Year: 2015 7/2014 - 6/2015

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all grades below it.

Master Meter and Supply Error Adjustments

WATER SUPPLIED

<---------- Enter grading in column 'E' and 'J' ---------->

					Pcnt:	Value:	
Volume from own sources:	8	2,420.080	acre-ft/yr				acre-ft/yr
Water imported:	8	28,781.300	acre-ft/yr				acre-ft/yr
Water exported:	10		acre-ft/yr				acre-ft/yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: 31,201.380 acre-ft/yr

AUTHORIZED CONSUMPTION

Click here: ? for help using option buttons below

			Pcnt:	Value:	
Billed metered:	10	30,261.450	acre-ft/yr			
Billed unmetered:	10		acre-ft/yr			
Unbilled metered:	10		acre-ft/yr			
Unbilled unmetered:		390.017	acre-ft/yr	1.25%		acre-ft/yr

Use buttons to select percentage of water supplied **OR** value

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: 30,651.467 acre-ft/yr

WATER LOSSES (Water Supplied - Authorized Consumption) 549.913 acre-ft/yr

Apparent Losses

			Pcnt:	Value:	
Unauthorized consumption:		78.003	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	10	0.000	acre-ft/yr	0.00%	acre-ft/yr
Systematic data handling errors:		75.654	acre-ft/yr	0.25%	acre-ft/yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: 153.657 acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: 396.256 acre-ft/yr

WATER LOSSES: 549.913 acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: 939.930 acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	10	45.0	miles	
Number of active AND inactive service connections:	10	27		
Service connection density:		1	conn./mile main	
Are customer meters typically located at the curbstop or property line?		Select...		
Average length of customer service line:	5		ft	(length of service line, beyond the property boundary, that is the responsibility of the utility)
Average operating pressure:	10	50.0	psi	

COST DATA

Total annual cost of operating water system:	10	$83,957,042	$/Year	
Customer retail unit cost (applied to Apparent Losses):	8	$0.36	$/1000 gallons (US)	
Variable production cost (applied to Real Losses):	8	$1,210.57	$/acre-ft	☐ Use Customer Retail Unit Cost to value real losses

Retail costs are less than (or equal to) production costs; please review and correct if necessary

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 82 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Water imported
2: Unauthorized consumption
3: Systematic data handling errors

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0

? Click to access definition
+ Click to add a comment

Water Audit Report for: Newhall County Water District
Reporting Year: 2015 1/2015 - 12/2015

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all grades below it.

Master Meter and Supply Error Adjustments

WATER SUPPLIED

<---------- Enter grading in column 'E' and 'J' ----------> Pcnt: Value:

Volume from own sources:	7	4,827.480	acre-ft/yr	3	-1.50%		acre-ft/yr
Water imported:	7	3,272.080	acre-ft/yr	2	-1.50%		acre-ft/yr
Water exported:	n/a		acre-ft/yr				acre-ft/yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: 8,222.904 acre-ft/yr

AUTHORIZED CONSUMPTION

Click here: ? for help using option buttons below

Pcnt: Value:

Billed metered:	8	7,462.040	acre-ft/yr		
Billed unmetered:	n/a		acre-ft/yr		
Unbilled metered:	9	3.260	acre-ft/yr		
Unbilled unmetered:		102.786	acre-ft/yr	1.25%	acre-ft/yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: 7,568.086 acre-ft/yr

Use buttons to select percentage of water supplied **OR** value

WATER LOSSES (Water Supplied - Authorized Consumption) 654.817 acre-ft/yr

Apparent Losses

Pcnt: Value:

Unauthorized consumption:		20.557	acre-ft/yr	0.25%	acre-ft/yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	7	314.296	acre-ft/yr	4.04%	acre-ft/yr
Systematic data handling errors:	5	18.655	acre-ft/yr	0.25%	acre-ft/yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: 353.508 acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: 301.309 acre-ft/yr

WATER LOSSES: 654.817 acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: 760.864 acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	9	146.5	miles
Number of active AND inactive service connections:	7	9,800	
Service connection density:		67	conn./mile main

Are customer meters typically located at the curbstop or property line? Yes

Average length of customer service line: (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: 8 97.4 psi

COST DATA

Total annual cost of operating water system:	10	$9,647,491	$/Year	
Customer retail unit cost (applied to Apparent Losses):	9	$2.53	$/100 cubic feet (ccf)	
Variable production cost (applied to Real Losses):	9	$202.16	$/acre-ft	☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 76 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources
2: Water imported
3: Unauthorized consumption

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0

? Click to access definition
+ Click to add a comment

Water Audit Report for: Santa Clarita Water Division
Reporting Year: 2015 7/2014 - 6/2015

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all grades below it.

Master Meter and Supply Error Adjustments

WATER SUPPLIED

<---------- Enter grading in column 'E' and 'J' ---------->

					Pcnt:	Value:	
Volume from own sources:	7	4,341.000	acre-ft/yr	5	0.17%		acre-ft/yr
Water imported:	7	19,776.000	acre-ft/yr	4	-1.50%		acre-ft/yr
Water exported:	n/a		acre-ft/yr				acre-ft/yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: 24,410.790 acre-ft/yr

AUTHORIZED CONSUMPTION

Click here: ? for help using option buttons below

				Pcnt:	Value:	
Billed metered:	7	23,296.055	acre-ft/yr			
Billed unmetered:	10	0.919	acre-ft/yr			
Unbilled metered:	5	93.343	acre-ft/yr			
Unbilled unmetered:	10	305.135	acre-ft/yr	1.25%		acre-ft/yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

Use buttons to select percentage of water supplied **OR** value

AUTHORIZED CONSUMPTION: ? 23,695.452 acre-ft/yr

WATER LOSSES (Water Supplied - Authorized Consumption) 715.338 acre-ft/yr

Apparent Losses

				Pcnt:	Value:	
Unauthorized consumption:		61.027	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	7	477.335	acre-ft/yr	2.00%		acre-ft/yr
Systematic data handling errors:	9	58.240	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: ? 596.602 acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: ? 118.737 acre-ft/yr

WATER LOSSES: 715.338 acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: ? 1,113.816 acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	9	340.0	miles
Number of active AND inactive service connections:	9	30,322	
Service connection density:	?	89	conn./mile main

Are customer meters typically located at the curbstop or property line? Yes

Average length of customer service line: (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: 7 92.0 psi

COST DATA

Total annual cost of operating water system:	7	$24,796,146	$/Year	
Customer retail unit cost (applied to Apparent Losses):	8	$1.88	$/100 cubic feet (ccf)	
Variable production cost (applied to Real Losses):	7	$472.29	$/acre-ft	☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 70 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Water imported
2: Unbilled metered
3: Billed metered

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0

? Click to access definition
+ Click to add a comment

Water Audit Report for: Valencia Water Company
Reporting Year: 2015 1/2015 - 12/2015

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (n/a or 1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all grades below it.

Master Meter and Supply Error Adjustments

WATER SUPPLIED

<---------- Enter grading in column 'E' and 'J' ---------->

					Pcnt:	Value:	
Volume from own sources:	9	16,534.660	acre-ft/yr	5	0.17%		acre-ft/yr
Water imported:	7	6,647.740	acre-ft/yr	4	-1.50%		acre-ft/yr
Water exported:	8	212.160	acre-ft/yr	7	-1.00%		acre-ft/yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: 23,041.270 acre-ft/yr

AUTHORIZED CONSUMPTION

Click here: ? for help using option buttons below

				Pcnt:	Value:	
Billed metered:	7	22,146.460	acre-ft/yr			
Billed unmetered:	7		acre-ft/yr			
Unbilled metered:	10	0.760	acre-ft/yr			
Unbilled unmetered:		288.016	acre-ft/yr	1.25%		acre-ft/yr

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: 22,435.236 acre-ft/yr

Use buttons to select percentage of water supplied **OR** value

WATER LOSSES (Water Supplied - Authorized Consumption) 606.034 acre-ft/yr

Apparent Losses

				Pcnt:	Value:	
Unauthorized consumption:		57.603	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	8	111.293	acre-ft/yr	0.50%		acre-ft/yr
Systematic data handling errors:		55.366	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: 224.262 acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: 381.773 acre-ft/yr

WATER LOSSES: 606.034 acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: 894.810 acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	10	369.0	miles
Number of active AND inactive service connections:	10	31,353	
Service connection density:		85	conn./mile main

Are customer meters typically located at the curbstop or property line? Yes

Average length of customer service line: (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: 9 115.0 psi

COST DATA

Total annual cost of operating water system:	10	$23,133,878	$/Year	
Customer retail unit cost (applied to Apparent Losses):	9	$1.52	$/100 cubic feet (ccf)	
Variable production cost (applied to Real Losses):	9	$380.49	$/acre-ft	☑ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 82 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Billed metered
2: Water imported
3: Unauthorized consumption