APPENDIX G

SB X7-7 VERIFICATION FORM

SB X7-7 Table 0: Units of Measure Used in UWMP* *(select one from the drop down list)*
Acre Feet
**The unit of measure must be consistent with Table 2-3*
NOTES:

SB X7-7 Table-1: Baseline Period Ranges			
Baseline	**Parameter**	**Value**	**Units**
10- to 15-year baseline period	2008 total water deliveries	12,247	Acre Feet
	2008 total volume of delivered recycled water	-	Acre Feet
	2008 recycled water as a percent of total deliveries	0.00%	Percent
	Number of years in baseline period[1, 2]	10	Years
	Year beginning baseline period range	1996	
	Year ending baseline period range[3]	2005	
5-year baseline period	Number of years 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:			

SB X7-7 Table 2: Method for Population Estimates	
Method Used 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: For 2015, using alternative methodology based on city growth estimates and known development in the service area since 2010. DWR provided pre-approval on June 21, 2016. See 2015 UWMP Appendix F.	

SB X7-7 Table 3: Service Area Population		
Year		Population
10 to 15 Year Baseline Population		
Year 1	1996	47,020
Year 2	1997	46,778
Year 3	1998	46,508
Year 4	1999	48,048
Year 5	2000	48,996
Year 6	2001	49,459
Year 7	2002	49,648
Year 8	2003	50,189
Year 9	2004	50,784
Year 10	2005	50,960
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1	2003	50,189
Year 2	2004	50,784
Year 3	2005	50,960
Year 4	2006	51,578
Year 5	2007	52,416
2015 Compliance Year Population		
2015		55,581
NOTES:		

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.*	Deductions					Annual Gross Water Use
			Exported Water	Change in Dist. System Storage (+/-)	Indirect Recycled Water *This column will remain blank until SB X7-7 Table 4-B is completed.*	Water Delivered for Agricultural Use	Process Water *This column will remain blank until SB X7-7 Table 4-D is completed.*	
10 to 15 Year Baseline - Gross Water Use								
Year 1	1996	10,708	-		-			10,708
Year 2	1997	11,832	-		-			11,832
Year 3	1998	10,146	-		-			10,146
Year 4	1999	18,697	7,751		-			10,946
Year 5	2000	25,193	13,257		-			11,936
Year 6	2001	21,682	9,943		29			11,710
Year 7	2002	23,386	11,360		36			11,990
Year 8	2003	23,783	11,831		29			11,923
Year 9	2004	25,471	13,008		20			12,443
Year 10	2005	22,918	12,031		16			10,871
Year 11	0	-			-			-
Year 12	0	-			-			-
Year 13	0	-			-			-
Year 14	0	-			-			-
Year 15	0	-			-			-
10 - 15 year baseline average gross water use								**11,451**
5 Year Baseline - Gross Water Use								
Year 1	2003	23,783	11,831		29			11,923
Year 2	2004	25,471	13,008		20			12,443
Year 3	2005	22,918	12,031		16			10,871
Year 4	2006	25,021	13,517	107	21			11,376
Year 5	2007	25,812	13,437	1,217	57			11,101
5 year baseline average gross water use								**11,543**
2015 Compliance Year - Gross Water Use								
2015		16,042	6,931		576			**8,534**

* NOTE that the units of measure must remain consistent throughout the UWMP, as reported in Table 2-3

NOTES: Change in storage due to groundwater injection.

SB X7-7 Table 4-A: Volume Entering the Distribution System(s)

Complete one table for each source.

Name of Source	Chino Basin 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	Meter Error Adjustment ** Optional (+/-)*	Corrected Volume Entering Distribution System
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1996	6,902		6,902
Year 2	1997	9,117		9,117
Year 3	1998	6,828		6,828
Year 4	1999	8,647		8,647
Year 5	2000	9,324		9,324
Year 6	2001	10,515		10,515
Year 7	2002	13,418		13,418
Year 8	2003	13,283		13,283
Year 9	2004	13,050		13,050
Year 10	2005	10,299		10,299
Year 11	0			-
Year 12	0			-
Year 13	0			-
Year 14	0			-
Year 15	0			-
5 Year Baseline - Water into Distribution System				
Year 1	2003	13,283		13,283
Year 2	2004	13,050		13,050
Year 3	2005	10,299		10,299
Year 4	2006	8,535		8,535
Year 5	2007	11,620		11,620
2015 Compliance Year - Water into Distribution System				
2015		8,406		8,406

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

SB X7-7 Table 4-A: Volume Entering the Distribution				
Name of Source	Water Facilities Authority			
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	Meter Error Adjustment * *Optional (+/-)*	Corrected Volume Entering Distribution System
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1996	3,806		3,806
Year 2	1997	2,715		2,715
Year 3	1998	3,318		3,318
Year 4	1999	10,050		10,050
Year 5	2000	15,869		15,869
Year 6	2001	11,167		11,167
Year 7	2002	9,968		9,968
Year 8	2003	10,500		10,500
Year 9	2004	12,421		12,421
Year 10	2005	12,619		12,619
Year 11	-			0
Year 12	-			0
Year 13	-			0
Year 14	-			0
Year 15	-			0
5 Year Baseline - Water into Distribution System				
Year 1	2003	10,500		10,500
Year 2	2004	12,421		12,421
Year 3	2005	12,619		12,619
Year 4	2006	16,486		16,486
Year 5	2007	14,192		14,192
2015 Compliance Year - Water into Distribution System				
2015		7,025		7,025
** Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document*				
NOTES: Includes direct WFA deliveries to City of Chino Hills.				

SB X7-7 Table 4-A: Volume Entering the Distribution				
Name of Source	San Antonio Water Company			
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	Meter Error Adjustment ** Optional (+/-)*	Corrected Volume Entering Distribution System
10 to 15 Year Baseline - Water into Distribution System				
Year 1	1996	0		0
Year 2	1997	0		0
Year 3	1998	0		0
Year 4	1999	0		0
Year 5	2000	0		0
Year 6	2001	0		0
Year 7	2002	0		0
Year 8	2003	0		0
Year 9	2004	0		0
Year 10	2005	0		0
Year 11	-			0
Year 12	-			0
Year 13	-			0
Year 14	-			0
Year 15	-			0
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		611		611
** Meter Error Adjustment - See guidance in Methodology 1, Step 3 of Methodologies Document*				
NOTES: Deliveries wheeled through City of Upland.				

SB X7-7 Table 4-B: Indirect Recycled Water Use Deduction *(For use only by agencies that are deducting indirect recycled water)*

Baseline Year *Fm SB X7 7 Table 3*		Surface Reservoir Augmentation					Groundwater Recharge			**Total Deductible Volume of Indirect Recycled Water Entering the Distribution System**
		Volume Discharged from Reservoir for Distribution System Delivery	Percent Recycled Water	Recycled Water Delivered to Treatment Plant	Transmission/ Treatment Loss	Recycled Volume Entering Distribution System from Surface Reservoir Augmentation	Recycled Water Pumped by Utility*	Transmission/ Treatment Losses	Recycled Volume Entering Distribution System from Groundwater Recharge	
10-15 Year Baseline - Indirect Recycled Water Use										
Year 1	1996			-		-			-	-
Year 2	1997			-		-			-	-
Year 3	1998			-		-			-	-
Year 4	1999			-		-			-	-
Year 5	2000			-		-			-	-
Year 6	2001			-		-	29		29	29
Year 7	2002						36		36	36
Year 8	2003			-		-	29		29	29
Year 9	2004			-		-	20		20	20
Year 10	2005			-		-	16		16	16
Year 11	0			-		-			-	-
Year 12	0			-		-			-	-
Year 13	0			-		-			-	-
Year 14	0			-		-			-	-
Year 15	0			-		-			-	-
5 Year Baseline - Indirect Recycled Water Use										
Year 1	2003			-		-	29		29	29
Year 2	2004			-		-	20		20	20
Year 3	2005			-		-	16		16	16
Year 4	2006			-		-	21		21	21
Year 5	2007			-		-	57		57	57
2015 Compliance - Indirect Recycled Water Use										
2015				-		-	575		576	576

**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: Documentation included in UWMP Appendix J.

SB X7-7 Table 5: Gallons Per Capita Per Day (GPCD)				
Baseline Year *Fm SB X7-7 Table 3*		Service Area Population *Fm SB X7-7 Table 3*	Annual Gross Water Use *Fm SB X7-7 Table 4*	Daily Per Capita Water Use (GPCD)
10 to 15 Year Baseline GPCD				
Year 1	1996	47,020	10,708	203
Year 2	1997	46,778	11,832	226
Year 3	1998	46,508	10,146	195
Year 4	1999	48,048	10,946	203
Year 5	2000	48,996	11,936	217
Year 6	2001	49,459	11,710	211
Year 7	2002	49,648	11,990	216
Year 8	2003	50,189	11,923	212
Year 9	2004	50,784	12,443	219
Year 10	2005	50,960	10,871	190
Year 11	0	-	-	
Year 12	0	-	-	
Year 13	0	-	-	
Year 14	0	-	-	
Year 15	0	-	-	
10-15 Year Average Baseline GPCD				**209**
5 Year Baseline GPCD				
Baseline Year *Fm SB X7-7 Table 3*		Service Area Population *Fm SB X7-7 Table 3*	Gross Water Use *Fm SB X7-7 Table 4*	Daily Per Capita Water Use
Year 1	2003	50,189	11,923	212
Year 2	2004	50,784	12,443	219
Year 3	2005	50,960	10,871	190
Year 4	2006	51,578	11,376	197
Year 5	2007	52,416	11,101	189
5 Year Average Baseline GPCD				**201**
2015 Compliance Year GPCD				
2015		55,581	8,534	**137**
NOTES:				

SB X7-7 Table 6: Gallons per Capita per Day *Summary From Table SB X7-7 Table 5*	
10-15 Year Baseline GPCD	209
5 Year Baseline GPCD	201
2015 Compliance Year GPCD	137
NOTES:	

SB X7-7 Table 7: 2020 Target Method *Select Only One*		
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*
☐	Method 3	SB X7-7 Table 7-E
☐	Method 4	Method 4 Calculator
NOTES:		

SB X7-7 Table 7-A: Target Method 1 20% Reduction	
10-15 Year Baseline GPCD	**2020 Target GPCD**
209	**167**
NOTES:	

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**
201	191	167	**167**

[1] Maximum 2020 Target is 95% of the 5 Year Baseline 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:

SB X7-7 Table 8: 2015 Interim Target GPCD		
Confirmed 2020 Target *Fm SB X7-7 Table 7-F*	10-15 year Baseline GPCD *Fm SB X7-7 Table 5*	**2015 Interim Target GPCD**
167	209	**188**

NOTES:

SB X7-7 Table 9: 2015 Compliance								
Actual 2015 GPCD	2015 Interim Target GPCD	Optional Adjustments *(in GPCD)* Enter "0" if Adjustment Not Used: Extraordinary Events	Weather Normalization	Economic Adjustment	TOTAL Adjustments	Adjusted 2015 GPCD	2015 GPCD *(Adjusted if applicable)*	**Did Supplier Achieve Targeted Reduction for 2015?**
137	188	*From Methodology 8 (Optional)*	*From Methodology 8 (Optional)*	*From Methodology 8 (Optional)*	-	137	137	**YES**

NOTES: