Table 1
Wasteload Allocation Conditions for Scenarios 5 and Proposed Scenario 7

Agency	Year	Design Capacity (mgd)	Permit Discharge (mgd)	Permit TDS (mg/L)	Permit TIN (mg/L)	Scenario 5 TDS (mg/L)	Scenario 5 TIN (mg/L)	Scenario 5 Planned Reuse (mgd)	Scenario 5 Planned Discharge (mgd)	Proposed Scenario 7 TDS (mg/L)	Proposed Scenario 7 TIN (mg/L)	Proposed Scenario 7 Plant Production (mgd)	Proposed Scenario 7 Reuse (mgd)	Proposed Scenario 7 Discharge (mgd)	Proposed Scenario 7 Mass Emission (lbs/day)	Confidence in Planning Assumptions	Notes on Reuse and Discharge
San Timoteo Creek																	
City of Beaumont[A] Wastewater Treatment Plant #1	2010	4.0	4.0	490	6	490	6	0.0	3.0	490	6	***3***	***0.7***	***1.8***	10,217	Confirmed	In 2010 and 2020, reuse is for irrigation and/or artificial recharge to the Beaumont management zone, which enables the City to discharge to Cooper's Creek at a constant rate.
	2020	***8.0***	NA	490	6	490	6	4.3	1.8	490	6	***8***	***6.2***	1.8	32,693		
Yucaipa Valley Water District[B] H. N. Wochholz WTP	2010	6.7	4.5	540	6	540	6	0.0	6.6	540	6	***4***	***1.1***	***2.7***	17,114	Confirmed	In 2010, reuse is for irrigation only, so discharge to San Timoteo Creek will vary based on seasonal demand. In 2020, there will be no discharge because all recycled water will be used for irrigation and/or artificial recharge.
	2020	11.0	NA	540	6	540	6	7.3	0.9	540	6	***5***	***4.8***	***0.0***	21,617		
Santa Ana River Reach 4																	
City of Rialto[C] Rialto Wastewater Treatment Plant	2010	11.7	11.7	490	10	490	10	0.4	8.6	490	10	9	0.4	8.6	36,779	Not Confirmed	In 2010 and 2020, reuse is for irrigation only, so discharge to the Santa Ana River will vary based on seasonal demand. There are no plans for artifical recharge of recycled water.
	2020	11.7	NA	490	10	490	10	2.4	9.6	490	10	12	2.4	9.6	49,039		
San Bernardino/Colton[D] RIX Facility	2010	40.0	64.0	550	10	550	10	16.0	14.0	550	10	30	16.0	14.0	137,610	Confirmed	In 2010 and 2020, virtually all recycled water reuse is for artificial recharge in the Bunker Hill A management zone, so discharge to the Santa Ana River is at a constant rate.
	2020	40.0	NA	550	10	550	10	16.0	14.0	550	10	30	16.0	14.0	137,610		
Santa Ana River Reach 3																	
City of Riverside[E] Regional Water Quality Control Plant	2010	40.0	40.0	650	13<38 MGD 10>38 MGD	650	13<38 MGD 10>38 MGD	1.5	38.5	650	***10***	***34.5***	1.5	***33.0***	187,025	Confirmed	In 2010, reuse is for irrigation only, so discharge to the Santa Ana River will vary based on seasonal demand. In 2020, reuse is for irrigation and/or artificial recharge to the Colton and Riverside management zones, which will enable the City to reuse and discharge at constant rates.
	2020	***46.0***	NA	650	13<38 MGD 10>38 MGD	650	13<38 MGD 10>38 MGD	8.9	41.1	650	***10***	***46***	***10.0***	***36.0***	249,366		
Western Municipal Water District[G] March Wastewater Reclamation Facility	2010	3.0	NA	550	6	-	-	-	-	***550***	***6***	***3***	***0.7***	***2.3***	13,761	Confirmed	In 2010 and 2020, reuse is for irrigation only, so discharge to the Santa Ana River will vary based on seasonal demand. No plans for recycled water recharge.
	2020	5.0	NA	550	6	-	-	-	-	***550***	***6***	***5***	***0.7***	***4.3***	22,935		
Chino Creek/Cucamonga Creek/Prado Basin																	
Inland Empire Utilities Agency[F] RP1 001 Prado	2010	***20.0***	NA	550	8	550	8	13.0	21.0	550	8	***15***	***10.0***	***5.0***	68,805	Confirmed	In 2010 and 2020, reuse is for irrigation and artificial recharge in the Chino-North management zone. Discharge to the Santa Ana River will vary based on seasonal demand for direct uses of recycled water.
	2020	***20.0***	NA	550	8	550	8	23.0	13.0	550	8	***15***	***10.0***	***5.0***	68,805		
Inland Empire Utilities Agency[F] Carbon Canyon WRP	2010	11.0	9.7	550	8	550	8	7.0	3.0	550	8	***11***	***6.0***	***5.0***	50,457	Confirmed	
	2020	12.0	NA	550	8	550	8	9.0	3.0	550	8	***11***	***8.0***	***3.0***	50,457		
Inland Empire Utilities Agency[F] RP-5	2010	15.0	15.0	550	8	550	8	4.0	8.0	550	8	***12***	***3.0***	***9.0***	55,044	Confirmed	
	2020	***16.0***	NA	550	8	550	8	10.0	14.0	550	8	***12***	***6.0***	***6.0***	55,044		
Inland Empire Utilities Agency[F] RP1 002 Cucamonga and RP 4	2010	***38.0***	NA	550	8	550	8	12.0	2.0	550	8	***23***	***13.0***	***10.0***	105,501	Confirmed	
	2020	***38.0***	NA	550	8	550	8	12.0	2.0	550	8	***28***	***24.0***	***4.0***	128,436		
Western Riverside County[G] Regional Wastewater Authority WTP	2010	8.0	8.0	625	10	625	10	1.0	6.2	625	10	7	1.0	6.2	37,342	Confirmed	In 2010 and 2020, reuse is for irrigation only, so discharge to the Santa Ana River will vary based on seasonal demand. No plans for recycled water recharge.
	2020	14.0	NA	625	10	625	10	2.0	9.6	625	10	***14***	2.0	***12.0***	72,975		
Temescal Creek																	
City of Corona[H] Wastewater Treatment Plant #1	2010	11.5	9.0	700	10	700	10	7.7	1.5	700	10	***11***	7.7	***3.6***	66,102	Confirmed	In 2010 and 2020, reuse is for irrigation and percolation to the Temescal management zone. Discharge to the Santa Ana River will vary based on seasonal demand for direct uses of recycled water.
	2020	14.5	NA	700	10	700	10	10.1	1.5	700	10	12	10.1	1.5	67,920		
City of Corona[H] Wastewater Treatment Plant #2	2010	-	-	-	-	-	-	-	0.0	-	-	-	-	0.0	-	Confirmed	Effluent from Plant 2 is percolated to the Temescal management zone.
	2020	-	-	-	-	-	-	-	0.0	-	-	-	-	0.0	-		
City of Corona[H] Wastewater Treatment Plant #3	2010	1.0	1.0	700	10	700	10	0.5	0.0	700	10	***1***	0.5	***0.5***	5,570	Confirmed	In 2010 and 2020, reuse is for irrigation only, so discharge to Temescal Creek will vary based on seasonal demand for direct uses of recycled water.
	2020	1.0	NA	700	10	700	10	0.8	0.0	700	10	***1***	0.8	***0.2***	5,852		
Lee Lake Water District[I] Wastewater Treatment Plant	2010	2.3	1.6	650	13	650	13	0.6	0.2	650	13	1	0.6	0.2	4,621	Not Confirmed	In 2010 and 2020, reuse is for irrigation only, so discharge to Temescal Creek will vary based on seasonal demand for direct uses of recycled water.
	2020	2.3	NA	650	13	650	13	0.9	0.4	650	13	1	0.9	0.4	6,524		
Elsinore Valley Municipal Water District[J] Regional WWRP	2010	8.0	8.0	700	13	700	13	7.1	0.0	700	13	***8***	***7.3***	***0.5***	45,536	Confirmed	In 2010 and 2020, reuse is for irrigation and stablization of water levels in Lake Elsinore, so discharge to Temescal Creek is assumed to occur at a constant rate.
	2020	12.0	NA	700	13	700	13	11.1	0.0	700	13	***14***	***13.1***	***0.5***	79,397		
Eastern Municipal Water District[K] *(all treatment plants combined)*	2010	52.1	52.5	650	10	650	10	42.4	13.8	650	10	70	42.4	***27.6***	74,810	Confirmed	Discharge to Temescal Creek occurs at a constant rate from November thru April only.
	2020	77.3	NA	650	10	650	10	49.4	21.8	650	10	93	49.4	***43.6***	118,178		

RED values in Scenario 7a are changes from Scenario 5. All other values in Scenario 7a are the same as in Scenario 5.

References: A - Mark Wildermuth; B - Joe Zoba; C - William Hunt; D - Val Housel; E - Chandra Johannesson; F - LeAnne Hamilton; G - Linda Garcia; H - Lyndy Lewis; I - OWOW; J - Sudhir Mohleji; K - Jayne Joy