

Inland Empire Utilities Agency
2015/16 RECYCLED WATER
ANNUAL REPORT

Water Smart
Thinking in Terms of Tomorrow



Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

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INTRODUCTION

The 2015/16 Recycled Water Annual Report for the Inland Empire Utilities Agency (IEUA) recycled water program provides annual delivery data by IEUA retail member agencies, by usage types, and by customers. The 2015/16 report is for IEUA’s fiscal year, which runs from July 2015 to June 2016. The report summarizes the program history, describes recent construction, and gives an overview of the IEUA treatment plants. IEUA provides wastewater treatment for its seven member agencies: the Cities of Chino, Chino Hills, Fontana, Montclair, Ontario, and Upland and Cucamonga Valley Water District. Recycled water from the treatment process is generated and delivered to its retail water agencies for use in the IEUA service area.

IEUA owns and operates five wastewater recycling facilities that serve over 870,000 people. Figure 1 shows the IEUA service area, its member agencies, and the locations of IEUA’s treatment plants. Of the five plants, four produce tertiary-treated, Title 22-quality recycled water. Of the treatment plants, RP-2 does not have any liquid treatment processes, and as such does not produce any recycled water. The general layout and capacities of the water recycling plants are discussed in the last section of the report. Appendices A and B contain the recycled water effluent monitoring data and recycled water compliance data, respectively, for the 2015 calendar year for the four recycled water facilities.

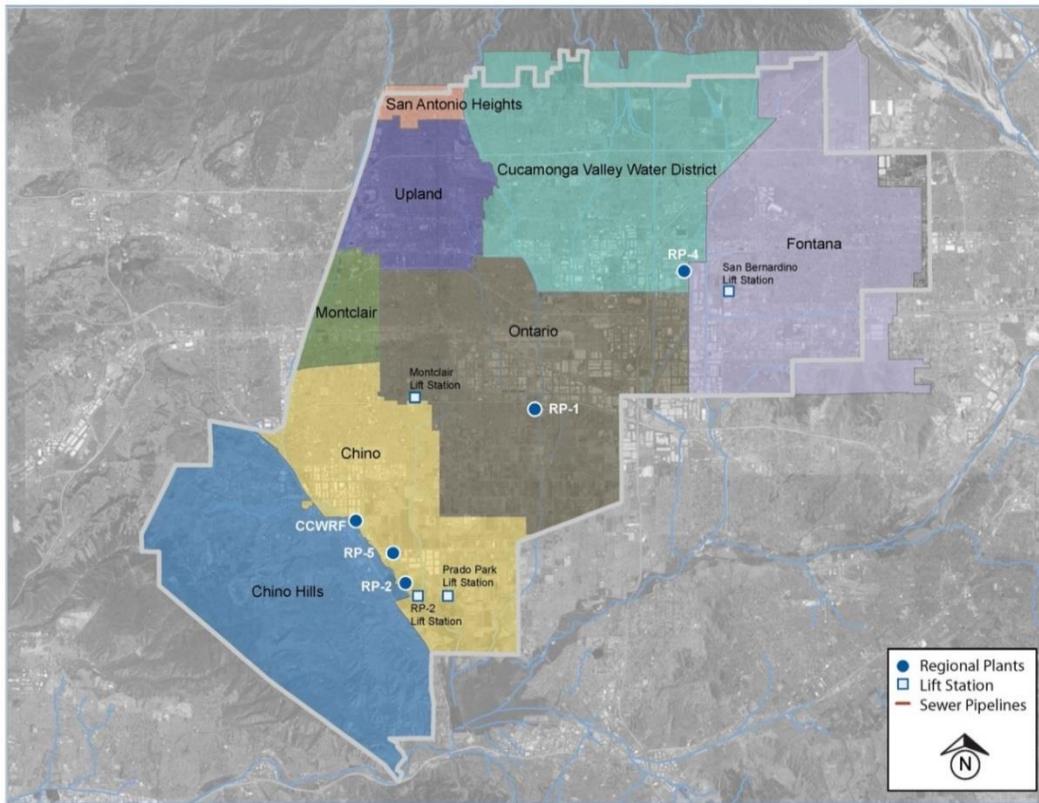


Figure 1 - IEUA Service Area

DEMANDS

During 2015/16, the average recycled water supply from IEUA’s facilities was approximately 48.4 million gallons per day (MGD), or 54,169 acre-feet per year (AFY). Recycled water groundwater recharge usage was 13,222 AFY and recycled water direct usage was 19,397 AFY. Total recycled water demands during 2015/16 were 32,619 acre-feet (AF), a decrease by 3% from the previous fiscal year. Recycled water recharge was up 22% and direct use was down 14%. The recycled water delivery volumes of direct use and groundwater recharge can vary seasonally and annually based on a variety of factors (e.g. the rainfall intensity, rainfall duration, and recharge basin maintenance activities). Figure 2 shows IEUA’s historical direct use and groundwater recharge of recycled water for the past 10 years.

Recycled water demands for the combined direct use and recharge purposes were approximately 43 percent of the available supply. During the peak demand summer months (July through September), the total recycled water demand was approximately 90 percent of the available supply.

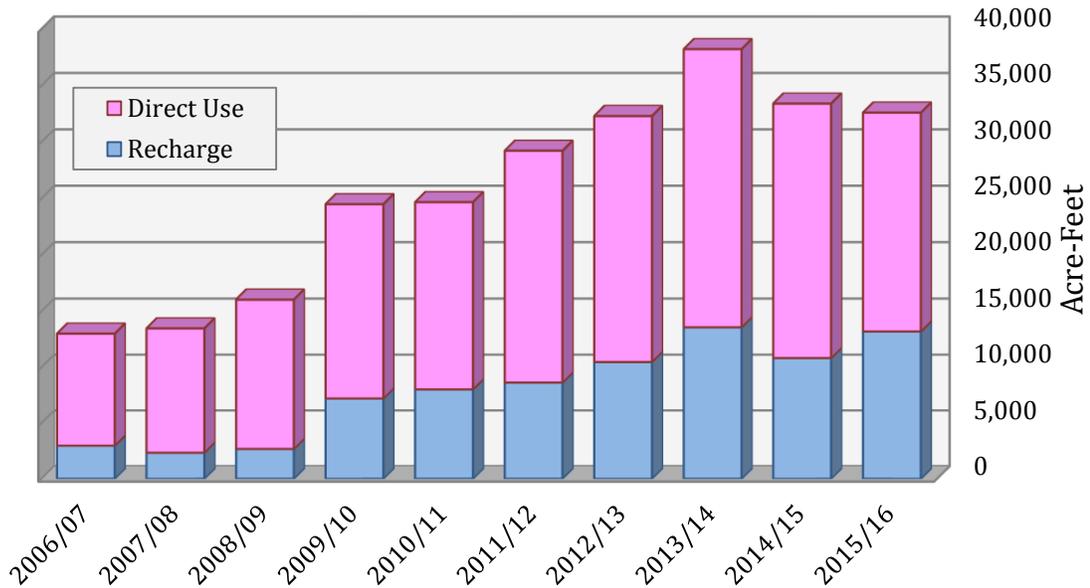


Figure 2 – Historical Recycled Water Direct Use and Groundwater Recharge

DEMANDS BY USE TYPE

Delivered recycled water was beneficially reused for a variety of applications including landscape irrigation, agricultural irrigation, industrial process water, groundwater recharge and construction. Table 1 and Figure 3 show the 2015/16 recycled water demand by use type.

Table 1 - Recycled Water Demand by Use Type for 2015/16

Type of Use	Demand (AF)	Percent of Demand
Recharge	13,222	41%
Agriculture	8,868	27%
Landscape	8,346	26%
Industrial	1,392	4%
Construction	791	2%
Total Demand	32,619	100%

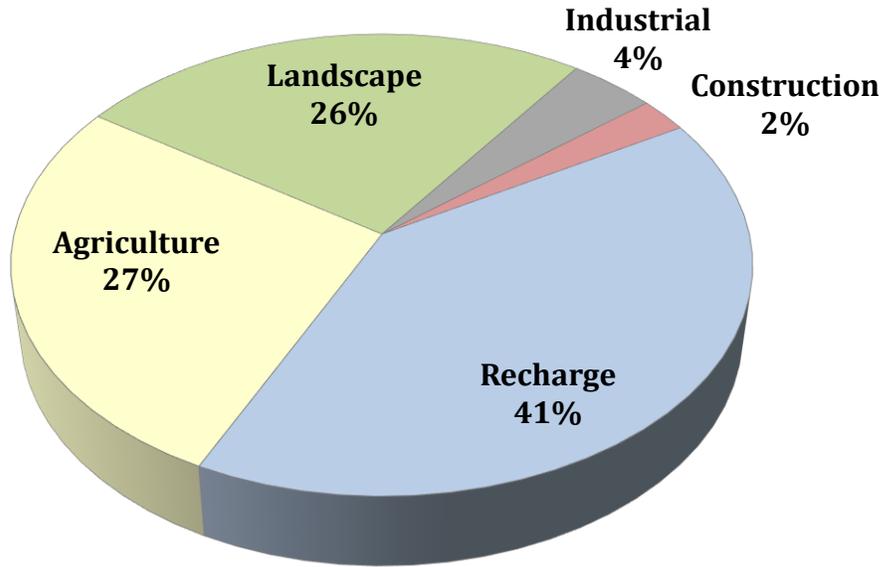


Figure 3 - Recycled Water Demand by Use Type for 2015/16

RETAIL DEMANDS

IEUA is the wholesale recycled water provider to its member agencies, which in turn are retail agencies that directly serve their customers. IEUA member agencies which served recycled water in 2015/16 include:

- City of Chino,
- City of Chino Hills,
- City of Ontario,
- Cucamonga Valley Water District (CVWD),
- Montclair (through MVWD),
- Fontana (through FWC), and
- City of Upland

Monte Vista Water District (MVWD) and Fontana Water Company (FWC) are the water retailers in the Cities of Montclair and Fontana, respectively, but are not IEUA member agencies. MVWD and FWC retail recycled water obtained from their overlying cities which are IEUA member agencies. San Bernardino County is currently a direct use customer of IEUA based on long standing historical contracts. Jurupa Community Services District (JCSD), located directly south of Fontana, is not an IEUA member agency yet will receive a recycled water groundwater recharge allocation through 2025 based on an allocation formula in a 2013 agreement between IEUA and JCSD.

Table 2 show the recycled water demand by agency. Each agency's total includes its direct use and its allocation from IEUA for recycled water groundwater recharge based on IEUA's Regional Sewage Service Contract.

Table 2 –Recycled Water Demand by Agency for 2015/16

Retail Agency	Direct Use (AF)	Recharge Allocation (AF)	Agency Total (AF)
Chino	7,217	1,302	8,519
Ontario	7,566	2,667	10,233
Chino Hills	1,394	1,097	2,491
CVWD	1,146	3,099	4,244
San Bernardino County	536	0	536
IEUA	541	0	541
Upland	719	1,226	1,945
Montclair/MVWD	278	548	827
Fontana/FWC	0	2,368	2,368
JCSD	0	915	915
Subtotal	19,397	13,222	32,619

CUSTOMERS DEMANDS

Appendix C lists the recycled water direct use customers of each retail agency and their demands for the fiscal year. Table 3 lists the top ten largest direct reuse customer sites for the fiscal year (excluding groundwater recharge sites). During 2015/16, one hundred and sixty eight (168) new connections were made to the recycled water system with a total new demand estimated at 1,794 AFY. Connected new demand is the anticipated annual usage based on land size and previous potable water usage history.

Table 3 -Top 10 Recycled Water Customers for 2015/16

Customer	Use (AF)	Type of Use	Retailer
Weststeyn Dairy	969	Agricultural	Chino
Cal Poly Pomona	897	Agricultural	Chino
New Indy Ontario	867	Industrial	Ontario
Lewis Farms	702	Agricultural	Ontario
Cleveland Farm	616	Agricultural	Ontario
Cleveland Farm	552	Agricultural	Chino
Whispering Lakes Golf Course	475	Landscape	Ontario
CW Farms	434	Agricultural	Chino
Nyenhius Dairy	405	Agricultural	Chino
El Prado Park	373	Landscape	San Bernardino County
Subtotal	6,291		

ECONOMIC AND ENVIRONMENTAL IMPACTS

The 32,619 AF of recycled water used during the fiscal year is the equivalent of the water supply for roughly 66,840 homes. The use of 2015/16 produced recycled water reduces the need to pump State Water Project water over the Tehachapi Mountains, an equivalent net energy demand reduction of 2,657 kilowatt-hours (kWh) per AF, and an overall reduction of approximately 79 percent in carbon dioxide emissions.

IEUA's wholesale recycled water rate to its member agencies for 2015/16 was \$350/AF for direct usage and \$410/AF for recharge. Table 4 lists the IEUA retail agencies' recycled water rates in 2015/16.

Table 4 –Retail Agency Water Rates for 2015/16

City of Chino			
Source	Usage Type	Usage (HCF)	Effective Oct. 1, 2015
Potable Water	Flat Rate	1	\$1.77
Recycled Water	Non-Agricultural	1	\$1.24
	Agricultural	1	\$0.62

City of Chino Hills				
Source	Zone	Single Family Usage (HCF)	Multi-family Usage (HCF)	Effective July 1, 2015
Potable Water	Low	Tier 1 (0-12)	Tier 1 (0-7)	\$2.28
		Tier 2 (13-30)	Tier 2 (8-20)	\$2.60
		Tier 3 (>30)	Tier 3 (>21)	\$3.64
	Intermediate	Tier 1 (0-12)	Tier 1 (0-7)	\$2.47
		Tier 2 (13-30)	Tier 2 (8-20)	\$2.79
		Tier 3 (>30)	Tier 3 (>21)	\$3.83
	High	Tier 1 (0-12)	Tier 1 (0-7)	\$2.76
		Tier 2 (13-30)	Tier 2 (8-20)	\$3.09
		Tier 3 (>30)	Tier 3 (>21)	\$4.12
Recycled Water	Low	Flat Rate		\$1.91
	Intermediate			\$2.04
	High			\$2.25
	Temporary			\$2.31

City of Ontario		
Source	Usage (HCF)	Effective March 4, 2016
Potable Water	0-15	\$2.39
	>15	\$2.78
Recycled Water	Flat Rate	\$1.63

CVWD			
Source	Stage	Usage (HCF)	Effective July 1, 2015
Potable Water	Non-drought	Tier 1 (0-10)	\$1.59
		Tier 2 (11-40)	\$2.11
		Tier 3 (41-100)	\$2.62
		Tier 4 (>100)	\$2.99
Recycled Water		Flat Rate	\$1.58

MVWD				
Source	Usage Type	Tier	Usage (HCF)	Effective March 1, 2016
Potable Water	Residential	Tier 1	Allocation	\$1.86
		Tier 2	Allocation	\$2.47
		Tier 3	Allocation	\$4.71
		Tier 4	Allocation	\$5.39
	Non-residential	Domestic Water	Flat Rate	\$2.28
Recycled Water	Non-residential	Recycled Water	Flat Rate	\$1.88

Fontana Water Company			
Source	Usage Type	Usage (HCF)	Effective July 1, 2015
Potable Water	Conservation Rates	Tier 1 (0-16)	\$2.50
		Tier 2 (>16)	\$2.88
	General Rate	1	\$2.72
Recycled Water		Flat Rate	\$2.04

City of Upland				
Source	Usage Type	Usage (HCF)	Effective January 1, 2016	
Potable Water	Single Family Residential Rate	Tier 1 (0-20)	\$1.43	
		Tier 2 (21-50)	\$1.70	
		Tier 3 (>50)	\$2.32	
	Multi-Family Residential Rate	Flat Rate	\$1.76	
	Rates for Other Classes	Landscape:	Flat Rate	\$2.03
		Commercial:		\$1.69
		Schools:		\$1.99
		Public Agencies:		\$1.88
	Recycled Water		Flat Rate	\$1.52

HISTORY

Early water recycling efforts in the 1970s by IEUA involved irrigation at the Whispering Lakes Golf Course adjacent to RP-1 in Ontario and at the El Prado Park and Golf Course in Chino. In the 1980s, recycled water continued to be an integral part of IEUA planning with implementation of the CCWRF and RP-4 recycling plants. These two recycling plants were sited specifically at higher elevations to reduce recycling plants water pumping costs. A backbone recycled water distribution system was installed in Chino and Chino Hills from CCWRF in 1997 and was initially operated by IEUA under Ordinance No. 63. This system was later turned over to the City of Chino and the City of Chino Hills and forms the core of the recycled water distribution network operated by these two cities.

The first major regional pipeline was constructed in 1995 and served the dual purpose of a regional recycled water distribution pipeline and an outfall allowing RP-4 effluent to be discharged with RP-1 effluent into Cucamonga Creek. The RP-4 outfall was designed as a pressurized system so that water could be pumped up from RP-1 to RP-4 as well as flow down in the opposite direction from RP-4 to RP-1 and the creek outfall.

In 1999, IEUA began groundwater recharge with recycled water at Ely Basin. The initial Ely Basin project was followed by the Chino Basin Watermaster's (CBWM) development of the Optimum Basin Management Program (OBMP) and the region's efforts (including IEUA's) to implement the OBMP. In 2000, the OBMP identified recycled water use as a critical component in drought-proofing and maintaining the region's economic growth. With imported water rates increasing and long-term supply reliability declining, the region committed to aggressively and proactively address regional impacts. The OBMP set the path for the development of a regional recycled water distribution system and a Recycled Water Implementation Plan.

The use of recycled water presented several advantages to IEUA and its member agencies: it is one of the most significant unused local water supplies; it is reliable during drought and climate change conditions; and it requires significantly less energy than imported water to deliver to customers thus reduces greenhouse gas emissions. IEUA in partnership with its member agencies and CBWM invested approximately \$625 million since 2000 to increase the availability of local water supplies through water recycling, conservation, recharge improvements, the MWD groundwater storage and recovery project, the Chino Desalter, and other water management programs.

In 2002, IEUA Board of Directors adopted Ordinance No. 75, the Mandatory Use Ordinance, to establish incentives and encourage recycled water use from the regional distributions system. Also in 2002, the CBWM, Chino Basin Water Conservation District (CBWCD), San Bernardino County Flood Control District (SBCFCD) and IEUA joined forces to greatly

expand groundwater recharge capacity through the Chino Basin Facilities Improvement Program.

In 2005, IEUA was permitted by the Regional Water Quality Control Board to operate its recycled water groundwater recharge programs at five additional recharge basins (Banana, Hickory, Etiwanda Conservation Ponds, Decluz, RP3, and Turner basins). In 2007, IEUA was permitted to operate its recycled water groundwater recharge program at seven more recharge sites (Brooks, 8th Street, Victoria, Lower Day, San Sevaine, Etiwanda Spreading Grounds (later reconfigured as the Etiwanda Debris Basin) and Ely Basins. The 2007 permit was amended in 2009 to modify how IEUA tracks diluent water and recycled water blending, which effectively increased IEUA's ability to recharge using recycled water.

In November 2007, IEUA and its member agencies unanimously adopted the Three Year Recycled Water Business Plan. IEUA and its member agencies committed to implementing the plan, which laid out a focused and cost-effective approach to rapidly increase the availability and use of recycled water within IEUA's service area.

Based on the series of regional decisions since 2000, over \$350 million was invested into the implementation of a robust Recycled Water Program. The region has achieved program success by leveraging heavily on grant funding and loans. With unanimous regional support, annual recycled water use grew from approximately 5,000 AF in 2004/05 to 38,251 AF in FY 2013/14. Over the past two fiscal years, recycled water demand has fallen slightly and was 32,619 AF in 2015/16.

RECYCLED WATER CAPITAL PROGRAM

IEUA currently produces nearly 50 MGD of recycled water, and there are several projects under way to expand the use of recycled water within its service area. Table 5 lists the 2015/16 recycled water capital projects and their locations. The projects that were in design or construction during 2015/16 are summarized in the following paragraphs.

Table 5 - Capital Project Summary for 2015/16

Projects in Design/Construction	Engineering Budget	Total Grants	Total Loans	FY 15/16 Expenses
San Sevaine Basin Improvements	\$6,6460,00	\$1,125,000	\$0	\$311,648
Groundwater & Recycled Water SCADA Control Upgrades	\$932,000	\$932,000	\$0	\$117,891
Wineville RW Pipeline	\$31,632,218	\$10,418,950	\$22,206,050	\$7,203,630
Subtotal	\$32,564,218	\$12,475,950	\$22,206,050	\$7,633,169

PROJECTS COMPLETED

The Wineville Recycled Water Pipeline project consists of 1 mile of 24-inch and over 5 miles of 36-inch pipelines installed in the cities of Ontario and Fontana. The pipelines deliver recycled water from the 1158 pressure zone to be used for landscape irrigation and recharge activities at RP-3 and Declez basins. The pipeline was completed in 2015 and RP3 and Declez basins began using the Wineville pipeline for deliveries in September and December, respectively. The Groundwater and Recycled Water SCADA Central Upgrades project consists of the installation of new hardware and software for 20 remote groundwater and recycled water stations which will transition communication onto a faster, more reliable network.

PROJECTS IN CONSTRUCTION

The Groundwater and Recycled Water SCADA Control Upgrades project will upgrade five obsolete programmable logic controller (PLC) hardware and software at five recharge basins that each has an inflatable rubber dam system. The project will replace the older PLCs with newer and fully supported PLCs that will extend the reliability by 10 years. This SCADA project is estimated to be completed January 2017.

PROJECTS IN DESIGN

The San Sevaine Basin Improvements project will enhance stormwater capture and recycled water recharge at the basin. The project will include a pump station at basin 5 and piping to deliver stormwater recycled water to the upper three basins. A grant application for the State Water Resources Control Board Proposition 1 funding opportunity was submitted for this project and is expected to be awarded by the end of December 2016. The San Sevaine Basin improvements are estimated to be completed in January 2018.

FUTURE REUSE PROJECTS

IEUA and its member agencies desire to increase the use of recycled water within IEUA's boundary. By implementing the Recycled Water Program Strategy, recycled water projects will increase the development of recycled water delivery, groundwater recharge, and the reliability of potable supplies for residents and customers. Future recycled water projects will allow IEUA and its member agencies to continue to provide a reliable alternate water supply to its customers to offset the demand for imported water for non-potable uses.

IEUA submitted an application for the State Water Resources Control Board Proposition 1 grant funding for water recycling projects. The projects identified in the application were: RP-1 1158 Recycled Water Pump Station Upgrades, RP-5 Recycled Water Pipeline Bottleneck, RP-1 Parallel Outfall Pipeline, Baseline Pipeline Extension, Napa Lateral, and Recycled Water Pressure Sustaining Valve Installation. Upon notification of award (anticipated to be awarded two groups in December 2016 and February 2017), these projects will begin preliminary design phases.

TREATMENT PLANTS

IEUA owns and operates five regional water recycling facilities: RP-1, RP-2, RP-4, RP-5, and CCWRF. Of the treatment plants, RP-2 does not have any liquid treatment processes, and as such does not produce any recycled water. The combined treatment capacity of the remaining four plants is approximately 85 MGD.

Regional Water Recycling Plant No. 1

RP-1 is located in the city of Ontario and has been in operation since 1948. The plant has undergone several expansions to increase the design hydraulic domestic sewage (wastewater) treatment capacity to 44 MGD. The plant serves areas of Chino, Fontana, Montclair, Ontario, Rancho Cucamonga, Upland, and solids removed from RP-4, located in Rancho Cucamonga. The plant treats an average influent wastewater flow of approximately 23 MGD. The plant is divided into two separate treatment sections: liquids and solids.

The liquid treatment section consists of preliminary screening and grit removal, primary clarification, secondary treatment by aeration basins and clarification, tertiary treatment by filtration and disinfection, and dechlorination. Wastewater liquid is treated to California Department of Public Health Title 22 Code of Regulations standards for disinfected tertiary recycled water. The solids treatment section begins with thickening the solids removed from the primary and secondary clarification processes. The thickened solids are pumped to anaerobic digestion and then to the centrifuges for dewatering. Wastewater solids are digested to a minimum Class B biosolids standard, as defined by the United States Environmental Protection Agency Code of Federal Regulations. After dewatering, the biosolids are hauled to the Inland Empire Regional Composting Facility in the City of Rancho Cucamonga for further treatment to produce Class A compost. Figure 4 illustrates the RP-1 treatment processes.

Regional Water Recycling Plant No. 1

Plant Capacity:	44.0 MGD
2015/16 Influent Flow:	23.5 MGD
2015/16 RW Delivery:	16 MGD
2015/16 Creek Discharge:	9.3 MGD*

**RP-1 and RP-4 have a combined effluent outfall; therefore, creek discharge reported for RP-1 is for both plants combined.*



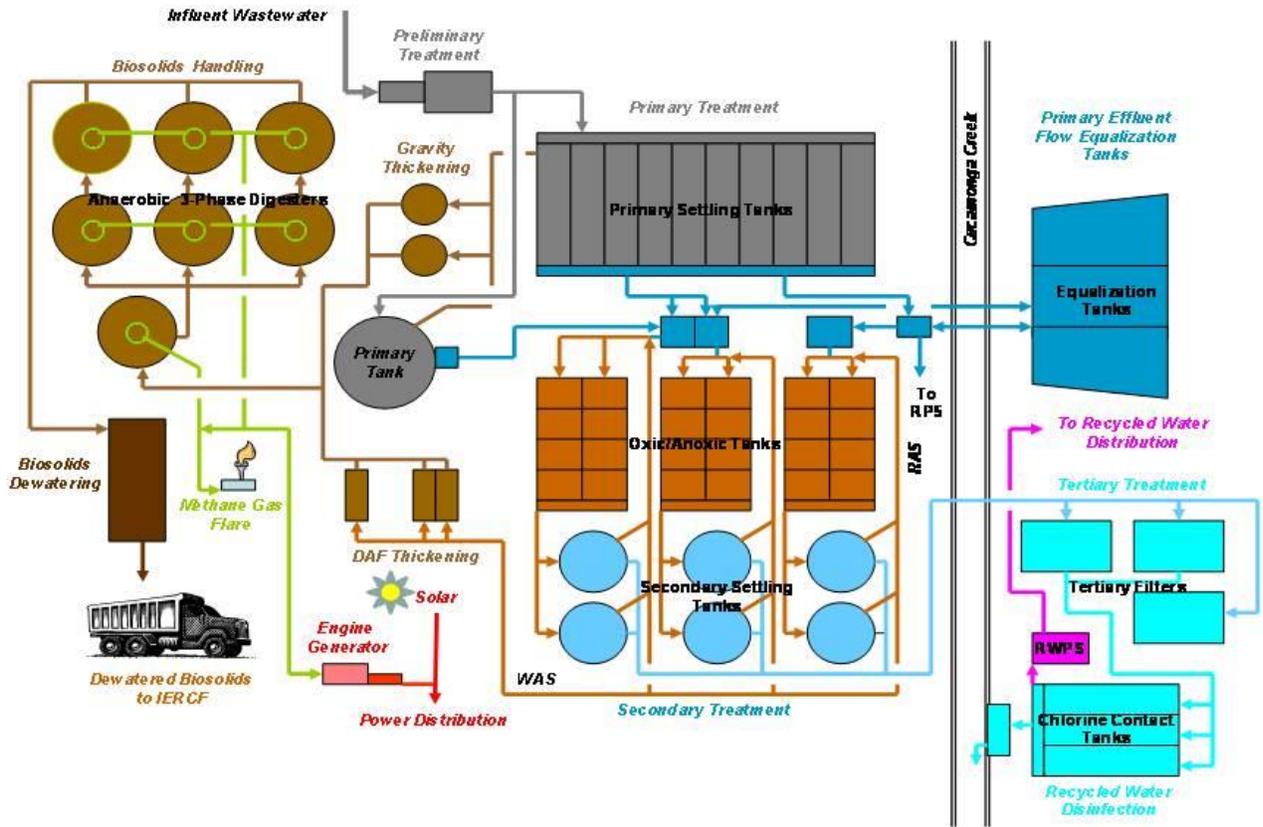


Figure 4 - RP-1 Treatment Process

Regional Water Recycling Plant No. 4

RP-4 is located in the city of Rancho Cucamonga and has been in operation since 1997. The plant has undergone an expansion to increase the design hydraulic domestic sewage (wastewater) treatment capacity to 14 MGD. The plant serves areas of Fontana, Rancho Cucamonga, and San Bernardino County. The plant treats the liquid portion of an average influent wastewater flow of approximately 10 MGD.

The liquid treatment section consists of preliminary screening and grit removal, primary clarification, secondary treatment by aeration basins and clarification, and tertiary treatment by filtration and disinfection. Wastewater liquid is treated to California Department of Public Health Title 22 Code of Regulations standards for disinfected tertiary recycled water. The solids removed from RP-4 are conveyed by gravity through the regional sewer system to the influent of RP-1 for thickening, anaerobic digestion, and dewatering. Figure 5 illustrates the RP-4 treatment process. Tertiary water from RP-1 and RP-4 that is not utilized for direct sales or groundwater recharge is discharged to Cucamonga Creek at RP-1.

Regional Water Recycling Plant No. 4

Plant Capacity:	14.0 MGD
2015/16 Influent Flow:	10.0 MGD
2015/16 RW Delivery:	8.4 MGD
2015/16 Creek Discharge:	0.0 MGD*

**RP-1 and RP-4 have a combined effluent outfall; therefore, creek discharge reported for RP-1 is for both plants combined.*



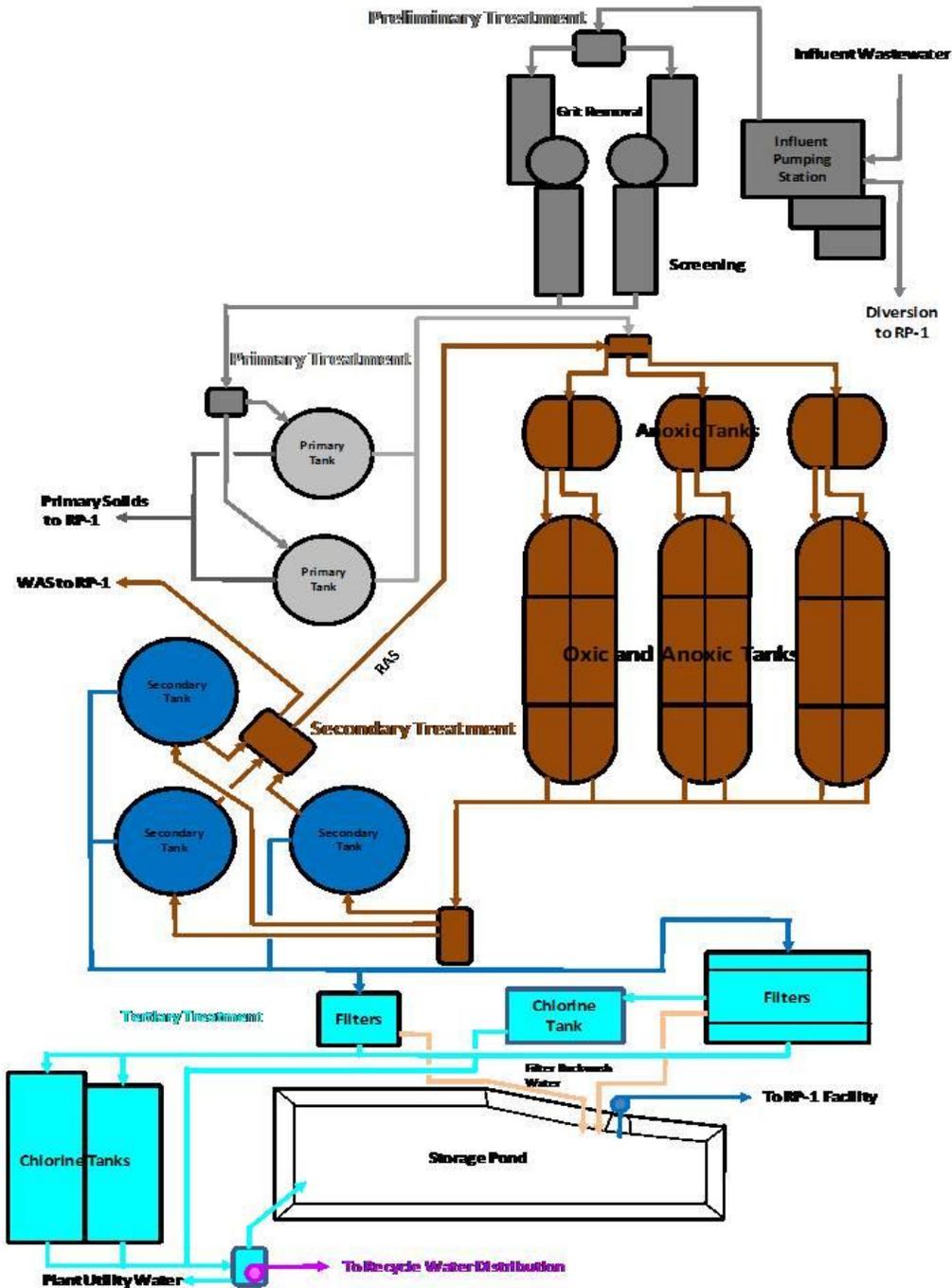


Figure 5 - RP-4 Treatment Process

Carbon Canyon Water Recycling Facility

CCWRF is located in the city of Chino and has been in operation since 1992. The design hydraulic domestic sewage (wastewater) treatment capacity was 11.4 million gallons per day until April 2014 when the facility's design capacity was re-rated based on an updated filter loading rate, which removed the tertiary filters as the bottleneck in the plant. The re-rating increased the plant capacity to 12.0 MGD. The updated capacity will be included in the 2015 NPDES permit renewal. The plant serves areas of Chino, Chino Hills, Montclair and Upland. The plant treats the liquid portion of an average influent wastewater flow of approximately 7 MGD.

The liquid treatment section consists of preliminary screening and grit removal, primary clarification, secondary treatment by aeration basins and clarification, tertiary treatment by filtration and disinfection, and dechlorination. Wastewater liquid is treated to California Department of Public Health Title 22 Code of Regulations standards for disinfected tertiary recycled water. The solids removed from CCWRF are pumped to RP-2 for thickening, anaerobic digestion, and dewatering. Figure 6 illustrates the CCWRF treatment process.

Carbon Canyon Water Recycling Facility

Plant Capacity:	11.4 MGD
2015/16 Influent Flow:	6.9 MGD
2015/16 RW Delivery:	3.5 MGD
2015/16 Creek Discharge:	3.2 MGD



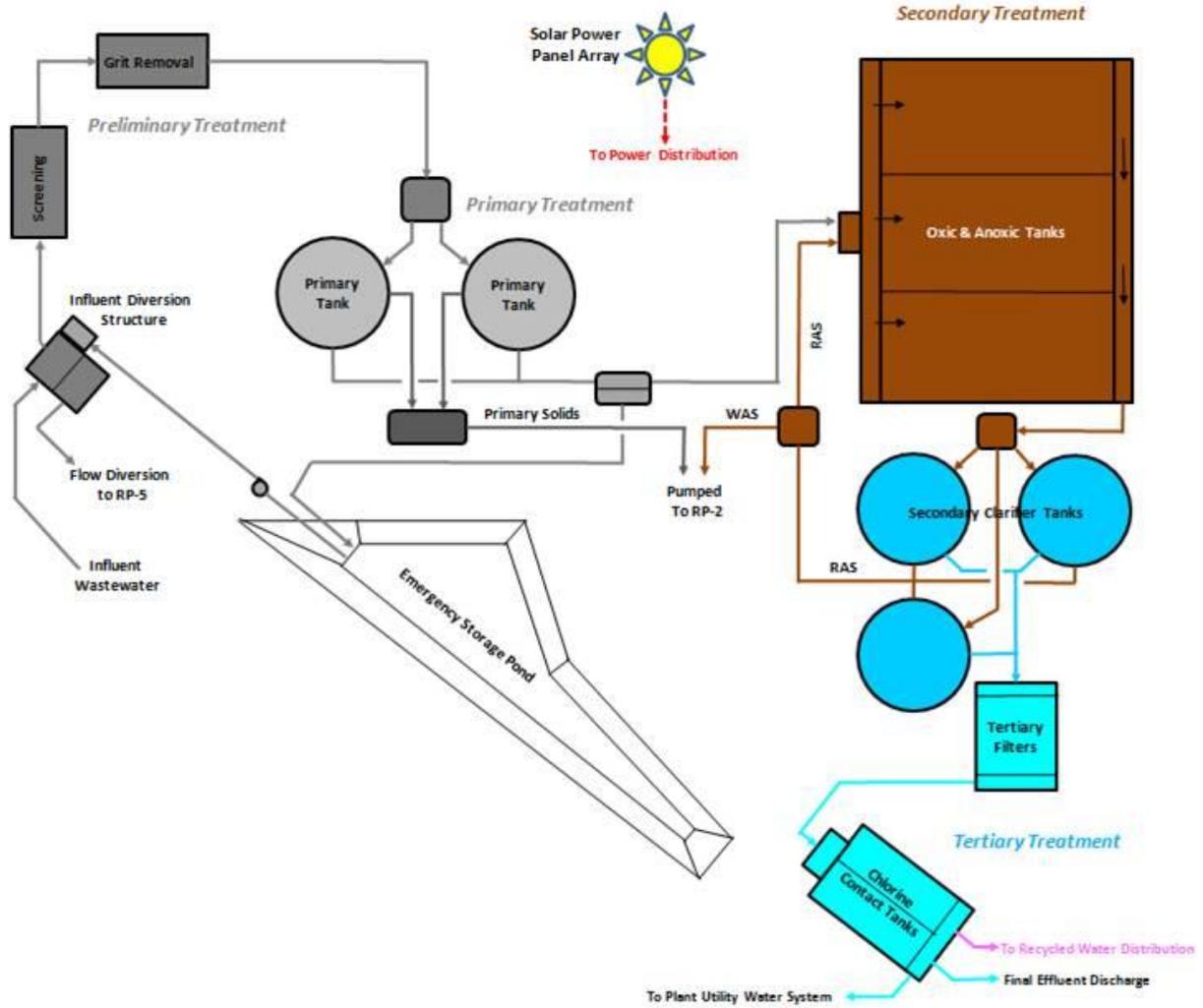


Figure 6 - CCWRF Treatment Process

Regional Water Recycling Plant No. 5

RP-5 is located in the city of Chino and has been in operation since 2004. The design hydraulic domestic sewage (wastewater) treatment capacity is 15 MGD, which includes 1.3 MGD of solids processing returned from RP-2. The plant serves areas of Chino, Chino Hills, and Ontario. The plant treats the liquid portion of an average influent wastewater flow, including RP-2 returned flow, of approximately 8 MGD.

The liquid treatment section consists of preliminary screening and grit removal, primary clarification, secondary treatment by aeration basins and clarification, tertiary treatment by filtration and disinfection, and dechlorination. Wastewater liquid is treated to California Department of Public Health Title 22 Code of Regulations standards for disinfected tertiary recycled water. The solids removed from RP-5 are pumped to RP-2 for thickening, anaerobic digestion, and dewatering. Figure 7 illustrates the RP-5 treatment process.

Regional Water Recycling Plant No. 5

Plant Capacity: 15.0 MGD

2015/16 Influent Flow: 8.0 MGD

2015/16 RW Delivery: 3.2 MGD

2015/16 Creek Discharge: 2.7 MGD



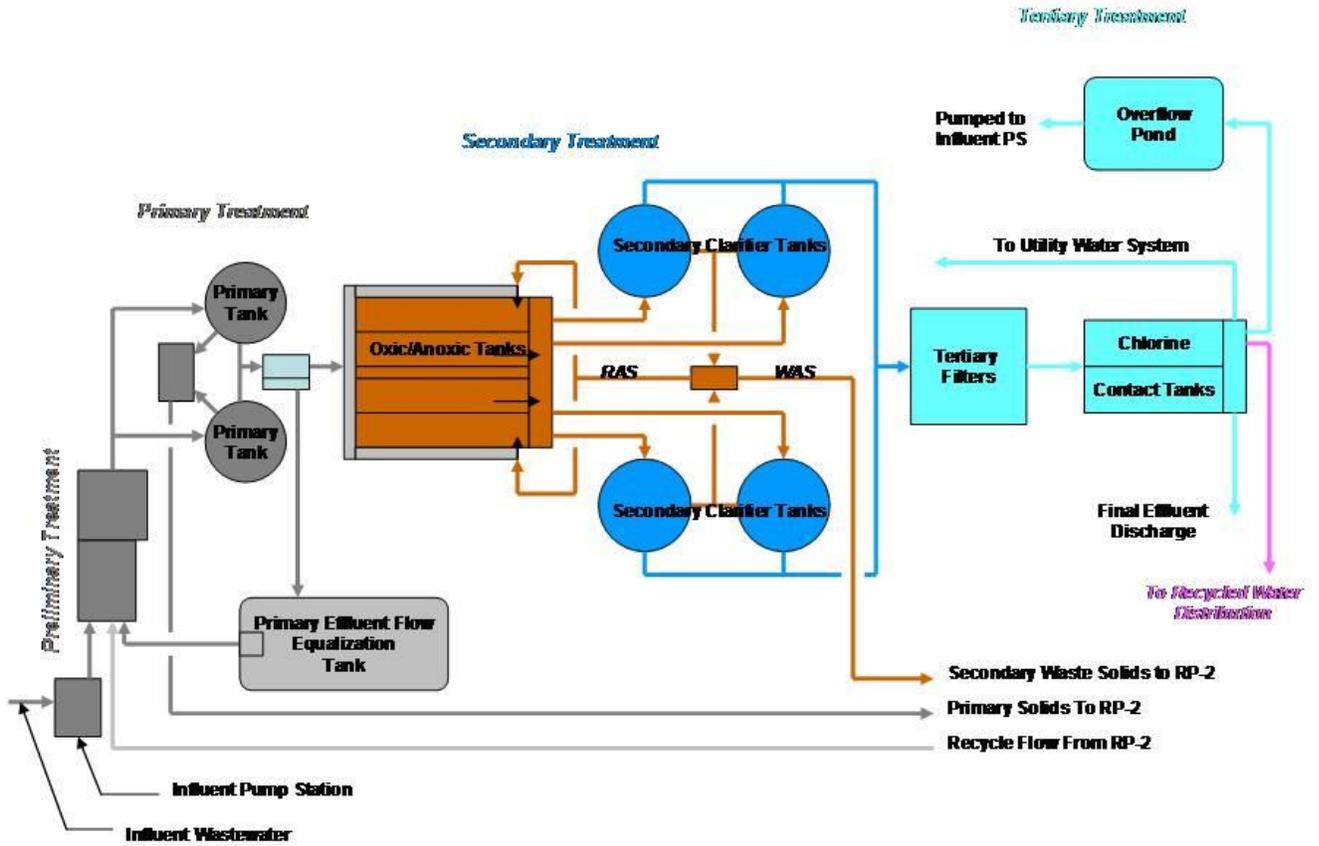


Figure 7 - RP-5 Treatment Process

APPENDIX A

RECYCLED WATER

EFFLUENT MONITORING DATA

FOR CALENDAR YEAR 2015

Inland Empire Utilities Agency
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Recycling Facility, 2015 NPDES Annual Report

RP-1 (M-001A* & M-001B) Effluent Monitoring Data

Table No. 3a

Date	Flow			EC			pH			BOD ₅				TSS				TOC			TDS			TIN			TN			NH ₃ -N (grab)				
	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min
Limit>>>	MGD			µmhos/cm			unit			mg/L				mg/L				mg/L			mg/L			mg/L			mg/L							
							6.5-8.5			20				15				20			15						4.5							
Jan-15	2.3	0.0	4.0	877	815	956	7.0	6.8	7.3	<2	<2	<2	0.5	<2	<2	<2	0.5	5.9	5.4	6.6	584	504	712	9.6	7.0	13.6	10.5	8.8	15.0	<0.1	<0.1	<0.1		
Feb-15	2.6	0.0	8.0	934	799	1,154	7.1	6.5	7.3	<2	<2	<2	0.6	<2	<2	<2	0.5	6.0	4.3	6.7	571	550	614	7.6	4.8	11.3	9.1	6.5	12.6	<0.1	<0.1	<0.1		
Mar-15	1.9	1.6	2.0	853	784	898	7.0	6.6	7.4	<2	<2	<2	0.4	<2	<2	<2	0.4	5.4	4.8	6.0	548	524	576	6.7	2.4	11.9	7.3	3.5	12.0	<0.1	<0.1	<0.1		
Apr-15	2.3	0.0	4.2	960	844	1,116	7.0	6.6	7.3	<2	<2	2	0.4	<2	<2	<2	0.5	5.4	3.8	6.1	566	542	590	5.8	4.2	7.8	7.2	6.0	8.8	<0.1	<0.1	<0.1		
May-15	2.0	1.3	2.8	878	835	928	7.1	6.5	7.2	<2	<2	<2	0.3	<2	<2	<2	0.4	5.6	4.2	6.4	541	524	562	7.6	6.3	8.7	8.6	7.6	9.8	<0.1	<0.1	<0.1		
Jun-15	3.0	1.7	5.0	920	854	1,063	7.3	6.9	7.6	<2	<2	<2	0.4	<2	<2	<2	0.5	5.4	4.7	5.9	558	530	578	4.9	2.6	8.2	5.8	3.8	8.2	<0.1	<0.1	<0.1		
Jul-15	2.7	1.5	3.5	774	287	874	7.2	7.0	7.7	<2	<2	2	0.5	<2	<2	<2	0.5	5.0	4.6	5.7	529	510	544	6.0	4.5	7.6	6.9	5.9	7.6	<0.1	<0.1	<0.1		
Aug-15	1.9	0.5	3.0	874	718	968	7.2	6.6	7.9	<2	<2	<2	0.5	<2	<2	<2	0.5	4.8	4.6	5.0	533	514	554	5.4	4.5	6.5	6.7	5.4	7.3	<0.1	<0.1	<0.1		
Sep-15	3.3	1.8	6.0	870	589	1,112	7.2	6.6	7.3	<2	<2	<2	0.5	<2	<2	<2	0.4	4.9	4.6	5.5	538	524	566	5.4	3.6	8.0	6.0	4.5	8.4	<0.1	<0.1	<0.1		
Oct-15	1.8	0.0	2.4	1,077	1,023	1,097	7.2	6.6	7.7	<2	<2	<2	0.6	<2	<2	<2	0.5	5.3	4.7	5.9	526	522	532	5.2	3.0	6.8	6.4	6.1	7.0	<0.1	<0.1	<0.1		
Nov-15	3.0	2.0	3.5	1,085	944	1,142	7.2	7.0	7.3	<2	<2	<2	0.5	<2	<2	<2	0.4	4.9	4.6	5.4	526	504	538	6.0	3.5	7.8	6.2	3.5	7.4	<0.1	<0.1	<0.1		
Dec-15	3.3	2.4	3.8	871	672	950	7.1	6.9	7.3	<2	<2	<2	0.6	<2	<2	<2	0.6	5.2	4.6	5.9	518	492	542	6.7	3.9	8.9	7.2	6.2	8.1	<0.1	<0.1	<0.1		
Avg	2.5	1.1	4.0	914	764	1,021	7.1	6.7	7.5	<2	<2	<2	0.5	<2	<2	<2	0.5	5.3	4.6	5.9	545	520	576	6.4	4.2	8.9	7.3	5.7	9.4	<0.1	<0.1	<0.1		
Min	1.8	0.0	2.0	774	287	874	7.0	6.5	7.2	<2	<2	<2	0.3	<2	<2	<2	0.4	4.8	3.8	5.0	518	492	532	4.9	2.4	6.5	5.8	3.5	7.0	<0.1	<0.1	<0.1		
Max	3.3	2.4	8.0	1,085	1,023	1,154	7.3	7.0	7.9	<2	<2	2	0.6	<2	<2	<2	0.6	6.0	5.4	6.7	584	550	712	9.6	7.0	13.6	10.5	8.8	15.0	<0.1	<0.1	<0.1		

*M-001A is the compliance point for continuous monitoring parameters, TDS, and toxicity.

RP-1/RP-4 (M-002A) Effluent Monitoring Data

Table No. 3b

Date	Flow			EC			pH			BOD ₅				TSS				TOC			TDS			TIN			TN			NH ₃ -N (grab)				
	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min
Limit>>>	MGD			µmhos/cm			unit			mg/L				mg/L				mg/L			mg/L			mg/L			mg/L							
							6.5-8.5			20				15				20			15						4.5							
Jan-15	17.8	6.9	30.7	1,056	1,019	1,090	6.8	6.6	7.0	<2	<2	<2	0.6	<2	<2	<2	0.5	5.8	5.2	6.2	552	508	584	9.0	6.3	13.6	9.1	9.1	9.1	<0.1	<0.1	<0.1		
Feb-15	10.4	1.6	31.1	1,006	899	1,079	7.0	6.6	7.3	<2	<2	<2	0.5	<2	<2	<2	0.6	5.9	4.2	6.8	576	560	618	6.8	3.3	10.9	7.8	7.8	7.8	<0.1	<0.1	<0.1		
Mar-15	12.9	2.1	33.4	931	903	987	6.8	6.7	7.1	<2	<2	<2	0.4	<2	<2	<2	0.5	5.3	4.7	6.0	542	534	556	6.1	1.9	11.8	7.1	7.1	7.1	<0.1	<0.1	<0.1		
Apr-15	11.4	1.2	28.3	884	854	938	7.0	6.8	7.3	<2	<2	<2	0.4	<2	<2	<2	0.6	5.3	4.0	6.1	538	516	550	4.9	3.2	6.8	4.8	4.8	4.8	<0.1	<0.1	0.1		
May-15	10.6	1.1	28.8	1,124	892	1,192	7.1	6.5	7.3	<2	<2	2	0.3	<2	<2	<2	0.5	5.6	5.0	8.5	532	522	552	7.1	5.2	9.3	7.7	7.7	7.7	<0.1	<0.1	0.1		
Jun-15	2.8	0.4	9.7	1,048	824	1,149	7.2	7.0	7.3	<2	<2	<2	0.4	<2	<2	<2	0.5	5.1	4.5	5.6	518	500	546	4.3	1.5	7.4	6.4	6.4	6.4	<0.1	<0.1	<0.1		
Jul-15	3.6	0.5	22.7	831	772	1,031	7.1	6.6	7.3	<2	<2	2	0.5	<2	<2	<2	0.5	4.8	4.3	5.3	507	494	524	5.7	4.3	7.6	7.2	7.2	7.2	<0.1	<0.1	<0.1		
Aug-15	1.2	0.2	10.5	853	790	894	7.1	6.5	7.3	<2	<2	<2	0.5	<2	<2	<2	0.6	4.6	4.3	4.9	523	506	542	5.1	3.2	6.7	6.6	6.6	6.6	<0.1	<0.1	<0.1		
Sep-15	7.5	0.1	29.5	823	760	878	7.1	6.7	7.3	<2	<2	<2	0.6	<2	<2	<2	0.5	4.6	4.2	5.0	501	470	516	4.5	2.3	7.5	8.0	8.0	8.0	<0.1	<0.1	<0.1		
Oct-15	11.0	1.7	29.3	835	804	863	7.2	7.0	7.3	<2	<2	<2	0.6	<2	<2	<2	0.6	5.0	4.5	5.7	503	480	524	4.7	2.5	7.1	3.3	3.3	3.3	<0.1	<0.1	<0.1		
Nov-15	17.3	10.6	26.5	814	776	842	7.2	7.0	7.3	<2	<2	<2	0.5	<2	<2	<2	0.5	4.7	4.3	5.0	496	468	532	5.1	2.8	7.1	6.2	6.2	6.2	<0.1	<0.1	<0.1		
Dec-15	14.8	2.5	33.4	801	770	887	7.0	6.8	7.2	<2	<2	<2	0.6	<2	<2	<2	0.6	5.0	4.6	5.6	491	482	516	6.2	2.7	9.0	5.8	5.8	5.8	<0.1	<0.1	<0.1		
Avg	10.1	2.4	26.2	917	838	986	7.1	6.7	7.2	<2	<2	<2	0.5	<2	<2	<2	0.5	5.1	4.5	5.9	523	503	547	5.8	3.3	8.7	6.7	6.7	6.7	<0.1	<0.1	<0.1		
Min	1.2	0.1	9.7	801	760	842	6.8	6.5	7.0	<2	<2	<2	0.3	<2	<2	<2	0.5	4.6	4.0	4.9	491	468	516	4.3	1.5	6.7	3.3	3.3	3.3	<0.1	<0.1	<0.1		
Max	17.8	10.6	33.4	1,124	1,019	1,192	7.2	7.0	7.3	<2	<2	2	0.6	<2	<2	<2	0.6	5.9	5.2	8.5	576	560	618	9.0	6.3	13.6	9.1	9.1	9.1	<0.1	<0.1	0.1		

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RP-5 (M-003) Effluent Monitoring Data

Table No. 3c

Date	Flow			EC			pH			BOD ₅				TSS				TOC			TDS			TIN			TN			NH ₃ -N (grab)				
	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min
Limit>>>	MGD			µmhos/cm			unit			mg/L				mg/L				mg/L			mg/L			mg/L			mg/L							
Jan-15	9.8	7.0	12.8	1,014	909	1,202	7.0	6.8	7.1	<2	<2	<2	0.9	<2	<2	3	1.0	5.1	4.7	6.5	555	520	586	7.9	5.5	17.3	9.0	9.0	9.0	<0.1	<0.1	<0.1		
Feb-15	9.9	6.1	12.9	1,090	969	1,208	6.9	6.6	7.2	<2	<2	<2	0.5	<2	<2	4	0.9	5.3	4.5	5.8	573	558	584	8.9	5.8	21.5	6.6	6.6	6.6	<2.4	<0.1	22.2		
Mar-15	4.5	2.0	8.5	1,063	1,010	1,157	7.0	6.7	7.3	<2	<2	<2	0.6	<2	<2	2	0.9	4.9	4.3	5.2	562	536	594	7.0	5.7	9.2	10.1	10.1	10.1	0.2	<0.1	0.2		
Apr-15	2.7	0.0	5.0	1,008	901	1,125	6.9	6.7	7.1	<2	<2	<2	0.4	<2	<2	2	0.7	4.8	4.4	5.4	585	554	638	6.8	4.8	8.9	8.3	8.3	8.3	0.2	0.2	0.3		
May-15	3.9	1.9	5.8	996	908	1,136	6.9	6.8	7.1	<2	<2	3	0.4	<2	<2	3	0.6	4.9	4.4	5.3	550	532	566	5.1	3.9	6.2	6.4	6.4	6.4	0.2	<0.1	0.2		
Jun-15	0.7	0.0	3.0	918	803	1,093	7.0	6.7	7.3	<2	<2	<2	0.4	<2	<2	<2	0.6	5.0	4.5	5.3	596	596	596	6.4	5.2	7.5	8.7	8.7	8.7	0.1	<0.1	0.2		
Jul-15	0.0	0.0	0.0	960	888	1,019	7.1	6.8	7.3	<2	<2	<2	0.6	<2	<2	<2	0.7	4.9	4.5	5.3				6.3	5.5	7.3								
Aug-15	0.0	0.0	0.0	910	788	960	7.1	7.0	7.2	<2	<2	<2	0.7	<2	<2	<2	1.0	5.1	4.7	5.7				6.5	5.7	7.1								
Sep-15	1.1	0.0	4.2	918	614	1,069	7.1	6.8	7.6	<2	<2	<2	0.8	<2	<2	<2	1.0	4.7	4.1	5.3	555	544	564	6.8	5.8	8.1	7.0	7.0	7.0	<0.1	<0.1	<0.1		
Oct-15	2.9	2.0	5.0	982	827	1,098	7.0	6.7	7.4	<2	<2	<2	0.7	<2	<2	6	1.2	4.7	4.4	5.1	548	542	554	6.8	5.1	9.5	8.2	8.2	8.2	<0.1	<0.1	<0.1		
Nov-15	2.8	1.4	5.6	1,029	942	1,075	6.9	6.8	7.1	<2	<2	2	0.7	<2	<2	2	0.8	4.8	4.4	5.3	547	540	550	6.4	5.6	7.9	5.6	5.6	5.6	<0.1	<0.1	<0.1		
Dec-15	3.4	1.9	5.8	1,076	1,001	1,165	6.9	6.8	7.1	<2	<2	<2	0.6	<2	<2	<2	0.7	4.8	4.4	5.2	528	502	542	7.3	6.0	8.4	9.2	9.2	9.2	<0.1	<0.1	<0.1		
Avg	3.5	1.9	5.7	997	880	1,109	7.0	6.8	7.2	<2	<2	<2	0.6	<2	<2	3	0.8	4.9	4.4	5.5	560	542	577	6.8	5.4	9.9	7.9	7.9	7.9	<0.4	<0.1	2.4		
Min	0.0	0.0	0.0	910	614	960	6.9	6.6	7.1	<2	<2	<2	0.4	<2	<2	<2	0.6	4.7	4.1	5.1	528	502	542	5.1	3.9	6.2	5.6	5.6	5.6	<0.1	<0.1	<0.1		
Max	9.9	7.0	12.9	1,090	1,010	1,208	7.1	7.0	7.6	<2	<2	3	0.9	<2	<2	6	1.2	5.3	4.7	6.5	596	596	638	8.9	6.0	21.5	10.1	10.1	10.1	<2.4	0.2	22.2		

*Lab EC data used

CCWRF (M-004) Effluent Monitoring Data

Table No. 3d

Date	Flow			EC			pH			BOD ₅				TSS				TOC			TDS			TIN			TN			NH ₃ -N (grab)		
	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg Dis	Avg	Min	Max	Avg	Min	Max									
Limit>>>	MGD			µmhos/cm			unit			mg/L				mg/L				mg/L			mg/L			mg/L			mg/L					
Jan-15	6.8	5.3	7.5	861	673	913	7.2	6.9	8.1	<2	<2	<2	0.6	<2	<2	3	0.7	4.6	4.0	5.6	568	530	598	4.4	3.2	5.3	6.6	6.6	6.6	<0.1	<0.1	<0.1
Feb-15	2.4	0.2	7.2	907	666	1,000	7.1	6.5	7.4	<2	<2	<2	0.5	<2	<2	4	0.7	4.9	4.3	5.9	611	556	674	3.9	2.8	4.8	5.2	5.2	5.2	<0.1	<0.1	<0.1
Mar-15	1.9	0.4	5.6	888	496	972	7.1	6.7	8.2	<2	<2	<2	0.4	<2	<2	4	0.6	4.7	4.3	6.0	578	520	622	3.8	2.7	4.9	5.0	5.0	5.0	<0.1	<0.1	<0.1
Apr-15	1.3	0.5	5.3	1,026	893	1,092	6.9	6.6	7.2	<2	<2	<2	0.3	<2	<2	3	0.8	4.3	3.9	5.3	588	560	606	3.6	2.9	4.6	5.0	5.0	5.0	<0.1	<0.1	<0.1
May-15	3.2	0.7	7.6	959	824	1,059	7.0	6.7	7.2	<2	<2	<2	0.3	<2	<2	3	0.6	4.4	3.9	4.8	562	536	586	3.5	2.3	5.1	4.6	4.6	4.6	<0.1	<0.1	0.2
Jun-15	1.8	0.7	7.2	871	816	975	6.9	6.6	7.1	<2	<2	<2	0.4	<2	<2	3	0.6	4.5	4.0	5.3	561	538	582	3.7	2.8	5.2	5.2	5.2	5.2	<0.1	<0.1	<0.1
Jul-15	1.8	1.1	6.0	1,098	959	1,184	6.9	6.6	7.2	<2	<2	<2	0.5	<2	<2	6	0.7	5.4	4.6	7.1	571	550	578	3.0	1.0	4.7	4.3	4.3	4.3	<0.1	<0.1	<0.1
Aug-15	1.6	0.7	7.2	1,213	1,110	1,305	6.8	6.6	7.0	<2	<2	<2	0.6	<3	<2	13	1.6	5.5	3.7	7.2	598	564	638	3.6	2.1	5.2	4.2	4.2	4.2	<0.1	<0.1	<0.1
Sep-15	2.2	1.0	4.4	1,130	1,100	1,179	6.8	6.6	7.0	<2	<2	2	0.7	<2	<2	5	0.7	5.6	5.1	6.0	598	566	644	3.9	2.5	4.9	5.6	5.6	5.6	<0.1	<0.1	<0.1
Oct-15	2.4	1.2	6.8	1,052	970	1,153	6.9	6.6	7.1	<2	<2	<2	0.5	<2	<2	3	0.7	6.1	5.2	7.2	586	566	604	5.6	3.8	6.9	6.4	6.4	6.4	<0.1	<0.1	<0.1
Nov-15	3.6	1.6	7.2	960	720	999	7.0	6.8	8.2	<2	<2	<2	0.6	<2	<2	<2	0.8	5.2	4.8	5.4	579	550	600	5.6	4.3	7.4	7.4	7.4	7.4	<0.1	<0.1	<0.1
Dec-15	4.0	1.8	7.1	987	948	1,040	7.0	6.8	7.8	<2	<2	<2	0.6	<2	<2	<2	0.7	5.5	4.8	6.0	599	592	604	5.1	3.5	6.4	6.5	6.5	6.5	<0.1	<0.1	<0.1
Avg	2.8	1.3	6.6	996	848	1,073	7.0	6.7	7.5	<2	<2	<2	0.5	<2	<2	4	0.8	5.1	4.4	6.0	583	552	611	4.1	2.8	5.5	5.5	5.5	5.5	<0.1	<0.1	<0.1
Min	1.3	0.2	4.4	861	496	913	6.8	6.5	7.0	<2	<2	<2	0.3	<2	<2	<2	0.6	4.3	3.7	4.8	561	520	578	3.0	1.0	4.6	4.2	4.2	4.2	<0.1	<0.1	<0.1
Max	6.8	5.3	7.6	1,213	1,110	1,305	7.2	6.9	8.2	<2	<2	2	0.7	<3	<2	13	1.6	6.1	5.2	7.2	611	592	674	5.6	4.3	7.4	7.4	7.4	7.4	<0.1	<0.1	0.2

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RP-1 (M-001A & M-001B) & RP-1/RP-4 (M-002A) Effluent Monitoring and Coliform Data

Table No. 5a

Date	001 Turbidity		002 Turbidity		001 Temp		002 Temp		001 Daily Coliform		001 7-day Median		002 Daily Coliform*		002 7-day Median		001 FLR	001 DT	001 CT	002 FLR	002 DT	002 CT				
	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Max	Min	Min	Max	Min	Min				
	NTU		NTU		°C		°C		MPN / 100 mL												gpm/ft ²	min	mg-min/L	gpm/ft ³	min	mg-min/L
Jan-15	0.6	0.9	0.6	0.8	23.3	24.2	22.9	23.7	<2	2	<2	<2	<2	2	<2	<2	4	123	622	4	155	710				
Feb-15	0.8	1.0	0.7	1.6	23.8	24.6	23.8	24.2	<2	4	<2	2	<2	4	<2	2	4	125	633	4	150	780				
Mar-15	0.5	0.6	0.5	0.7	24.9	26.1	24.4	25.7	<2	4	<2	<2	<2	4	<2	<2	4	138	623	4	161	701				
Apr-15	0.5	0.6	0.5	0.6	25.7	26.8	25.5	26.5	<2	2	<2	<2	<2	2	<2	<2	4	141	591	4	161	696				
May-15	0.7	0.9	0.4	0.6	26.4	27.6	25.9	26.7	<2	2	<2	<2	<2	2	<2	<2	3	163	718	3	174	771				
Jun-15	0.6	1.0	0.5	0.6	28.3	29.3	27.8	28.8	<2	<2	<2	<2	<2	<2	<2	<2	3	165	721	3	172	731				
Jul-15	0.5	0.6	0.4	0.6	28.8	30.2	29.0	29.9	<2	2	<2	<2	<2	2	<2	<2	3	163	654	3	166	702				
Aug-15	0.6	0.8	0.4	1.3	30.0	30.7	30.0	30.7	<2	2	<2	<2	<2	2	<2	<2	3	167	695	3	158	710				
Sep-15	0.7	0.9	0.6	0.7	29.6	30.8	30.0	30.8	<2	2	<2	<2	<2	2	<2	<2	3	153	603	3	134	530				
Oct-15	0.7	0.9	0.6	1.6	29.1	30.0	29.1	29.9	<2	12	<2	<2	<2	12	<2	<2	3	162	667	3	141	605				
Nov-15	0.7	0.9	0.6	3.0	25.8	27.9	26.0	27.9	<7	2	<2	<2	<7	2	<2	<2	3	167	616	3	138	614				
Dec-15	0.7	0.9	0.7	1.0	23.4	24.8	23.8	25.1	<2	2	<2	<2	<2	2	<2	<2	4	147	493	4	139	560				
Avg	0.6	0.8	0.5	1.1	26.6	27.8	26.5	27.5	<2	3	<2	<2	<2	3	<2	<2	3	151	635	3	154	676				
Min	0.5	0.6	0.4	0.6	23.3	24.2	22.9	23.7	<2	<2	<2	<2	<2	<2	<2	<2	3	123	493	3	134	530				
Max	0.8	1.0	0.7	3.0	30.0	30.8	30.0	30.8	<7	12	<2	2	<7	12	<2	2	4	167	721	4	174	780				

Requirements for disinfected tertiary-treated recycled water Title 22 Compliance: Min: 450 mg/L-min CT & 90 min DT
*Beginning August 2009, 002 effluent coliform compliance point at M-001B (splitter box).

RP-5 (M-003) & CCWRP (M-004) Effluent Monitoring and Coliform Data

Table No. 5b

Date	003 Turbidity		004 Turbidity		003 Temp		004 Temp		003 Daily Coliform		003 7-day Median		004 Daily Coliform		004 7-day Median		003 FLR	003 DT	003 CT	004 FLR	004 DT	004 CT				
	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Max	Min	Min	Max	Min	Min				
	NTU		NTU		°C		°C		MPN / 100 mL												gpm/ft ²	min	mg-min/L	gpm/ft ³	min	mg-min/L
Jan-15	0.7	1.6	0.4	0.8	23.0	23.2	21.9	22.7	<2	2	<2	<2	<2	2	<2	<2	4	149	492	1	192	602				
Feb-15	0.9	1.2	0.8	1.5	23.7	24.3	18.6	24.4	<2	4	<2	<2	<2	2	<2	<2	4	138	493	1	180	588				
Mar-15	0.8	1.0	0.5	0.7	24.2	25.0	24.4	26.1	<2	2	<2	<2	<2	2	<2	<2	4	144	494	1	190	495				
Apr-15	0.8	1.1	0.5	0.7	25.5	26.4	26.0	32.2	<2	2	<2	<2	<2	<2	<2	<2	4	168	500	1	182	538				
May-15	0.7	0.9	0.5	1.0	25.7	26.2	25.4	27.5	<2	2	<2	<2	<2	2	<2	<2	4	112	558	1	163	570				
Jun-15	0.6	0.7	0.5	0.7	26.8	28.2	27.2	29.1	<2	2	<2	<2	<2	<2	<2	<2	4	151	502	1	165	586				
Jul-15	0.6	0.8	0.5	0.7	-	-	27.9	30.5	<2	2	<2	<2	<2	4	<2	<2	4	174	518	1	152	450				
Aug-15	0.8	1.2	0.5	0.7	-	-	27.6	29.8	<2	<2	<2	<2	<2	2	<2	<2	4	186	524	2	146	486				
Sep-15	0.6	0.9	0.6	0.7	30.0	30.1	28.7	29.9	<2	2	<2	<2	<2	<2	<2	<2	4	156	713	2	135	499				
Oct-15	0.8	1.3	0.7	1.1	27.7	30.0	27.2	28.0	<2	2	<2	<2	<2	<2	<2	<2	4	156	477	2	127	541				
Nov-15	0.8	1.0	0.6	1.0	24.0	26.0	24.2	25.1	<2	<2	<2	<2	<2	2	<2	<2	4	156	525	2	143	587				
Dec-15	0.7	1.0	0.7	1.3	23.0	26.2	21.1	22.8	<2	2	<2	<2	<2	4	<2	<2	4	173	504	2	145	450				
Avg	0.7	1.1	0.6	0.9	25.3	26.6	25.0	27.3	<2	2	<2	<2	<2	2	<2	<2	4	155	526	1	160	533				
Min	0.6	0.7	0.4	0.7	23.0	23.2	18.6	22.7	<2	<2	<2	<2	<2	<2	<2	<2	4	112	477	1	127	450				
Max	0.9	1.6	0.8	1.5	30.0	30.1	28.7	32.2	<2	4	<2	<2	<2	4	<2	<2	4	186	713	2	192	602				

Requirements for disinfected tertiary-treated recycled water Title 22 Compliance: Min: 450 mg/L-min CT & 90 min DT

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RP-1 (M-001A) & RP-1/RP-4 (M-002A) Effluent and Receiving Water (R-002U & R-002D) Data

Table No. 6a

Date	M-001A Cl ₂ Residual*		M-002A Cl ₂ Residual*		Upstream Cucamonga Creek (R-002U)									Downstream Cucamonga Creek (R-002D)								
	mg/L		mg/L		DO		Temp		pH		TDS	TIN	Total Hardness	TSS	DO		Temp		pH		Total Hardness	TSS
	Avg	Max	Avg	Max	Avg	Min	Avg	Max	Min	Max	Avg	Avg	Avg	Avg	Avg	Min	Avg	Max	Min	Max	Avg	Avg
Jan-15	0.0	0.0	0.0	0.0	12.7	12.0	10.2	18.8	7.4	10.5	642	1.7	242	<2	9.4	8.4	20.4	22.2	7.2	7.7	164	<2
Feb-15	0.0	0.0	0.0	0.0	13.0	11.0	13.0	14.2	8.9	9.6	352	3.7			9.6	8.7	20.1	21.7	7.8	8.2		
Mar-15	0.0	0.0	0.0	0.0	13.0	11.0	13.0	14.2	8.9	9.6	674	1.3			9.6	8.7	20.1	21.7	7.8	8.2		
Apr-15	0.0	0.0	0.0	0.0	11.4	10.9	14.1	17.0	9.0	9.6	494	2.6	154	8	8.2	6.8	21.7	23.3	7.3	8.4	148	3
May-15	0.0	0.0	0.0	0.0	11.5	11.2	17.5	21.8	9.3	10.7	526	0.9			12.3	9.9	21.8	25.1	7.5	9.2		
Jun-15	0.0	0.0	0.0	0.0	9.8	9.2	18.4	20.4	9.0	10.6	378	1.1			8.2	7.5	21.7	23.9	8.4	9.4		
Jul-15	0.0	0.0	0.0	0.0	9.2	8.7	19.4	22.3	9.9	10.4	532	<0.2	199	5	7.1	6.4	23.5	27.7	8.7	9.4	167	3
Aug-15	0.0	0.0	0.0	0.0	10.3	9.2	20.0	22.8	10.1	11.1	524	3.2			8.0	6.5	22.0	24.0	9.3	9.4		
Sep-15	0.0	0.0	0.0	0.0	10.7	9.9	20.0	22.0	10.1	10.6	376	<0.2			9.0	8.1	25.4	27.4	8.5	9.0		
Oct-15	0.0	0.0	0.0	0.0	11.1	10.5	16.9	21.3	10.1	10.4	136	1.5	52	9	8.4	7.5	24.0	27.4	8.3	9.0	138	2
Nov-15	0.0	0.0	0.0	0.0	13.9	12.8	11.5	15.6	9.8	10.8	320	0.3			9.3	8.5	22.7	25.0	8.5	8.8		
Dec-15	0.0	0.0	0.0	0.0	13.6	10.3	7.7	17.5	7.4	10.4	395	1.4			9.5	9.1	20.6	23.0	8.0	8.7		
Avg	0.0	0.0	0.0	0.0	11.7	10.6	15.1	19.0	9.2	10.4	446	1.5	162	6	9.0	8.0	22.0	24.4	8.1	8.8	154	3
Min	0.0	0.0	0.0	0.0	9.2	8.7	7.7	14.2	7.4	9.6	136	<0.2	52	<2	7.1	6.4	20.1	21.7	7.2	7.7	138	<2
Max	0.0	0.0	0.0	0.0	13.9	12.8	20.0	22.8	10.1	11.1	674	3.7	242	9	12.3	9.9	25.4	27.7	9.3	9.4	167	3

RP-5 (M-003) & CCWRF (M-004) Effluent and Receiving Water (R-003U, R-003D, & R-004U) Data

Table No. 6b

Date	M-003 Cl ₂ Residual*		M-004 Cl ₂ Residual*		Upstream Chino Creek (R-003U)									Downstream Chino Creek (R-003D)									Upstream Chino Creek (R-004U)									
	mg/L		mg/L		DO		Temp		pH		TDS	TIN	Total Hardness	TSS	DO		Temp		pH		Total Hardness	TSS	DO		Temp		pH		TDS	TIN	Total Hardness	TSS
	Avg	Max	Avg	Max	Avg	Min	Avg	Max	Min	Max	Avg	Avg	Avg	Avg	Avg	Min	Avg	Max	Min	Max	Avg	Avg	Avg	Avg	Min	Avg	Max	Min	Max	Avg	Avg	Avg
Jan-15	0.0	0.0	0.0	0.0	8.6	7.7	21.8	22.8	9.7	10.2	522	6	179	6	7.2	6.6	20.7	22.3	6.9	7.6	214	2	13.6	11.2	18.0	23.4	10.5	13.3	702	3.2	407	40
Feb-15	0.0	0.0	0.0	0.0	11.7	10.1	16.8	24.8	8.0	11.9	1014	4.8			6.9	6.7	23.1	23.6	7.1	7.3			12.4	11.1	19.4	26.8	9.5	12.7	1062	6.9		
Mar-15	0.0	0.0	0.0	0.0	14.4	10.1	24.6	29.7	7.9	10.1	534	5.2			6.5	6.1	21.2	21.9	7.2	8.0			12.8	11.7	24.9	31.5	9.8	10.9	810	2.0		
Apr-15	0.0	0.0	0.0	0.0	15.2	7.7	24.2	27.3	7.4	9.9	606	4.1	194	2	6.8	6.2	22.4	25.0	7.4	7.6	250	15	12.5	10.9	26.8	33.3	8.4	10.6	366	4.2	170	3
May-15	0.0	0.0	0.0	0.0	11.6	10.4	25.2	27.8	7.6	7.9	590	3.1			6.9	6.4	23.0	23.7	7.0	7.4			13.5	13.1	25.8	34.5	9.0	10.9	758	0.9		
Jun-15	0.0	0.0	0.0	0.0	12.8	7.2	26.7	28.5	7.4	8.4	572	4			7.1	6.8	25.4	26.5	6.7	6.9			13.2	12.1	31.4	35.4	8.7	10.4	988	0.2		
Jul-15	0.0	0.0	0.0	0.0	13.9	10.8	27.8	30.7	7.7	8.6	586	1.1	185	69									13.3	11.4	27.1	34.7	8.2	10.2	934	0.3	581	331
Aug-15	0.0	0.0	0.0	0.0	15.1	8.6	29.2	31.6	7.5	8.9	592	4.1											11.0	7.0	29.1	34.2	8.6	10.2	964	0.2		
Sep-15	0.0	0.0	0.0	0.0	12.2	6.4	29.3	31.1	7.6	9.3	608	3.4			5.8	5.8	27.4	27.4	7.1	8.8			11.7	9.2	30.6	36.3	8.7	10.5	878	2.2		
Oct-15	0.0	0.0	0.0	0.0	9.8	7.6	27.1	28.5	7.1	8.8	566	4.3	178	4	6.2	5.8	23.0	26.5	7.1	7.4	216	11	13.2	11.7	23.1	26.5	7.2	9.3	294	1.8	131	1
Nov-15	0.0	0.0	0.0	0.0	11.2	7.2	24.7	25.6	7.2	8.4	588	6.8			7.0	6.6	18.0	20.8	7.3	7.6			13.8	10.4	22.9	25.1	7.7	9.9	708	1.9		
Dec-15	0.0	0.0	0.0	0.0	10.0	7.3	21.7	23.8	7.3	7.5	568	5.8			7.2	6.9	18.8	20.5	7.1	7.5			15.0	14.1	14.9	20.9	8.0	10.5	820	3.8		
Avg	0.0	0.0	0.0	0.0	12.2	8.4	24.9	27.7	7.7	9.2	612	4.4	184	20	6.8	6.4	22.3	23.8	7.1	7.6	227	9	13.0	11.2	24.5	30.2	8.7	10.8	774	2.3	322	94
Min	0.0	0.0	0.0	0.0	8.6	6.4	16.8	22.8	7.1	7.5	522	1.1	178	2	5.8	5.8	18.0	20.5	6.7	6.9	214	2	11.0	7.0	14.9	20.9	7.2	9.3	294	0.2	131	1
Max	0.0	0.0	0.0	0.0	15.2	10.8	29.3	31.6	9.7	11.9	1,014	6.8	194	69	7.2	6.9	27.4	27.4	7.4	8.8	250	15	15.0	14.1	31.4	36.3	10.5	13.3	1,062	6.9	581	331

* A chlorine residual of 0.0 mg/L signifies a positive sodium bisulfite residual and a negative chlorine residual.

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RP-1 (REC-001) & RP-4 (REC-002) Recycled Water Data

Table No. 7a

Date	REC-001										REC-002											
	Flow	pH	Turbidity	CT	Daily Coliform		7-day Median		BOD	TSS	TDS	Flow	pH	Turbidity	CT	Daily Coliform		7-day Median		BOD	TSS	TDS
	Avg	Avg	Avg	Min	Avg	Max	Avg	Max	Avg	Avg	Avg	Avg	Avg	Avg	Min	Avg	Max	Avg	Max	Avg	Avg	Avg
	mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L			mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L		
Jan-15	9.2	7.0	0.6	622	<2	4	<2	<2	<2	<2	532	5.5	7.3	0.4	777	<2	2	<2	<2	<2	<2	495
Feb-15	14.9	7.1	0.8	633	<2	2	<2	<2	<2	<2	559	7.4	7.3	0.5	819	<2	2	<2	<2	<2	<2	498
Mar-15	15.0	7.0	0.5	623	<2	4	<2	<2	<2	<2	529	10.1	7.2	0.5	763	<2	2	<2	<2	<2	<2	482
Apr-15	15.4	7.0	0.5	591	<2	4	<2	2	<2	<2	517	10.6	7.1	0.5	813	<2	<2	<2	<2	<2	<2	497
May-15	14.8	7.1	0.7	718	<2	7	<2	2	<2	<2	506	9.2	7.2	0.5	534	<2	<2	<2	<2	<2	<2	498
Jun-15	19.1	7.3	0.6	721	<2	4	<2	<2	<2	<2	504	10.6	7.2	0.5	605	<2	<2	<2	<2	<2	<2	488
Jul-15	20.3	7.2	0.5	654	<2	2	<2	<2	<2	<2	477	9.6	7.3	0.6	965	<2	<2	<2	<2	<2	<2	487
Aug-15	21.2	7.2	0.6	695	<2	2	<2	<2	<2	<2	487	10.7	7.2	0.5	708	<2	<2	<2	<2	<2	<2	463
Sep-15	16.5	7.2	0.7	603	<2	4	<2	<2	<2	<2	495	9.7	7.2	0.9	579	<2	<2	<2	<2	<2	<2	473
Oct-15	13.8	7.2	0.7	667	<2	<2	<2	<2	<2	<2	482	10.1	7.1	0.7	836	<2	<2	<2	<2	<2	<2	466
Nov-15	10.0	7.2	0.7	616	<7	140	<2	<2	<2	<2	476	15.0	7.2	0.7	759	<2	2	<2	<2	<2	<2	466
Dec-15	13.3	7.1	0.7	493	<2	4	<2	<2	<2	<2	484	12.7	7.1	0.4	915	<2	<2	<2	<2	<2	<2	458
Avg	15.3	7.1	0.6	639	<2	15	<2	<2	<2	<2	504	10.1	7.2	0.5	772	<2	<2	<2	<2	<2	<2	481
Min	9.2	7.0	0.5	493	<2	<2	<2	<2	<2	<2	476	5.5	7.1	0.4	534	<2	<2	<2	<2	<2	<2	458
Max	21.2	7.3	0.8	721	<7	140	<2	2	<2	<2	559	15.0	7.3	0.9	965	<2	2	<2	<2	<2	<2	498

RP-5 (REC-003) & CCWRF (REC-004) Recycled Water Data

Table No. 7b

Date	REC-003										REC-004											
	Flow	pH	Turbidity	CT	Daily Coliform		7-day Median		BOD	TSS	TDS	Flow	pH	Turbidity	CT	Daily Coliform		7-day Median		BOD	TSS	TDS
	Avg	Avg	Avg	Min	Avg	Max	Avg	Max	Avg	Avg	Avg	Avg	Avg	Avg	Min	Avg	Max	Avg	Max	Avg	Avg	Avg
	mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L			mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L		
Jan-15	0.3	7.0	0.7	492	<2	2	<2	<2	<2	<2	527	0.1	7.2	0.4	602	<2	2	<2	<2	<2	<2	556
Feb-15	0.4	6.9	0.9	493	<2	4	<2	<2	<2	<2	546	3.5	7.1	0.8	588	<2	2	<2	<2	<2	<2	574
Mar-15	3.0	7.0	0.8	494	<2	2	<2	<2	<2	<2	518	2.6	7.1	0.5	495	<2	2	<2	<2	<2	<2	540
Apr-15	3.7	6.9	0.8	500	<2	2	<2	<2	<2	<2	558	2.8	6.9	0.5	538	<2	<2	<2	<2	<2	<2	560
May-15	3.6	6.9	0.7	558	<2	2	<2	<2	<2	<2	519	2.4	7.0	0.5	570	<2	2	<2	<2	<2	<2	527
Jun-15	4.9	7.0	0.6	502	<2	2	<2	<2	<2	<2	536	4.1	6.9	0.5	586	<2	<2	<2	<2	<2	<2	549
Jul-15	5.2	7.1	0.6	518	<2	2	<2	<2	<2	<2	521	4.9	6.9	0.5	450	<2	4	<2	<2	<2	<2	551
Aug-15	6.0	7.1	0.8	524	<2	<2	<2	<2	<2	<2	530	5.1	6.8	0.5	486	<2	2	<2	<2	<2	<3	573
Sep-15	3.7	7.1	0.6	713	<2	2	<2	<2	<2	<2	511	4.3	6.8	0.6	499	<2	<2	<2	<2	<2	<2	572
Oct-15	4.1	7.0	0.8	477	<2	2	<2	<2	<2	<2	526	4.2	6.9	0.7	541	<2	<2	<2	<2	<2	<2	570
Nov-15	2.8	6.9	0.8	525	<2	<2	<2	<2	<2	<2	526	3.4	7.0	0.6	587	<2	2	<2	<2	<2	<2	555
Dec-15	1.9	6.9	0.7	504	<2	2	<2	<2	<2	<2	520	2.8	7.0	0.7	450	<2	4	<2	<2	<2	<2	568
Avg	3.3	7.0	0.7	508	<2	2	<2	<2	<2	<2	528	3.4	7.0	0.6	536	<2	2	<2	<2	<2	<2	558
Min	0.3	6.9	0.6	477	<2	<2	<2	<2	<2	<2	511	0.1	6.8	0.4	450	<2	<2	<2	<2	<2	<2	527
Max	6.0	7.1	0.9	558	<2	4	<2	<2	<2	<2	558	5.1	7.2	0.8	602	<2	4	<2	<2	<2	<3	574

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RP-1 (M-001B) Effluent Monthly Inorganic & Organic Data

Table No. 8a

	Total Hardness	HCO ₃ ²⁻	B	Ca	CO ₃ ²⁻	Cl	F	Mg	Na	SO ₄	Cd, TR	Cr, Total	Cu, TR	Pb, TR	Hg, TR	Se, TR	Ag, TR	Zn, TR	Chlorodi-bromomethane	Bromodi-chloromethane	2,3,7,8-TCDD	
Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
Limits																						
Jan-15	158	150	0.2	48	0	114	0.2	9	100	63	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	24	4	19		
Feb-15	162	144	0.2	49	0	115	0.3	10	106	62	<0.25	1.1	4	<0.5	<0.05	<2	<0.25	31	5	20		
Mar-15	151	137	0.3	46	0	123	0.3	9	109	72	<0.25	0.9	3	<0.5	<0.05	<2	<0.25	27				
Apr-15	146	147	0.2	45	0	114	0.3	8	107	67	<0.25	1.6	5	<0.5	<0.05	<2	<0.25	24	5	23		
May-15	147	150	0.3	45	0	110	0.3	9	105	60	<0.25	1.1	4	<0.5	<0.05	<2	<0.25	27				
Jun-15	160	178	0.2	50	0	106	0.3	8	93	51	<0.25	1.5	4	<0.5	<0.05	<2	<0.25	24				
Jul-15	156	150	0.2	48	0	105	0.3	9	97	50	<0.25	0.7	3	<0.5	<0.05	<2	<0.25	28	4	21		
Aug-15	158	155	0.2	49	0	99	0.2	9	101	46	<0.25	<0.5	3	<0.5	<0.05	<2	<0.25	27				
Sep-15	157	148	0.2	48	0	108	0.2	9	94	47	<0.25	0.5	4	<0.5	<0.05	<2	<0.25	25				
Oct-15	153	165	0.2	48	0	101	0.2	8	97	46	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	21	3	19	0.000	
Nov-15	163	159	0.2	50	0	104	0.3	9	97	51	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	29				
Dec-15	148	165	0.2	45	0	112	0.3	9	107	51	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	25				
Avg	155	154	0.2	48	0	109	0.3	9	101	55	<0.25	0.8	4	<0.5	<0.05	<2	<0.25	26	4	20	0.000	
Min	146	137	0.2	45	0	99	0.2	8	93	46	<0.25	<0.5	3	<0.5	<0.05	<2	<0.25	21	3	19	0.000	
Max	163	178	0.3	50	0	123	0.3	10	109	72	<0.25	1.6	5	<0.5	<0.05	<2	<0.25	31	5	23	0.000	

RP-1/RP-4 (M-002A) Effluent Monthly Inorganic & Organic Data

Table No. 8b

	Total Hardness	HCO ₃ ²⁻	B	Ca	CO ₃ ²⁻	Cl	F	Mg	Na	SO ₄	Cd, TR	Cr, Total	Cu, TR	Pb, TR	Hg, TR	Se, TR	Ag, TR	Zn, TR	Chlorodi-bromomethane	Bromodi-chloromethane	2,3,7,8-TCDD	
Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
Limits											1 mo avg; 2 max daily		14 mo avg; 20 max daily	8 mo avg; 15 max daily				120 mo avg; 150 max daily				
Jan-15	154	147	0.2	47	0	116	0.2	9	103	78	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	23	4	18		
Feb-15	161	141	0.2	49	0	107	0.3	9	113	73	<0.25	1.1	4	<0.5	<0.05	<2	<0.25	32				
Mar-15	154	131	0.3	46	0	123	0.3	9	113	87	<0.25	0.7	4	<0.5	<0.05	<2	<0.25	28				
Apr-15	151	147	0.3	47	0	112	0.3	8	112	80	<0.25	1.4	5	<0.5	<0.05	<2	<0.25	24	5	19		
May-15	145	140	0.2	44	0	112	0.3	9	109	78	<0.25	1.0	4	<0.5	<0.05	<2	<0.25	26				
Jun-15	158	172	0.2	50	0	106	0.3	8	96	68	<0.25	0.9	4	<0.5	<0.05	<2	<0.25	24				
Jul-15	160	141	0.2	49	0	107	0.3	9	104	74	<0.25	1.1	4	<0.5	<0.05	<2	<0.25	29	2	13		
Aug-15	152	129	0.2	46	0	106	0.2	9	115	102	<0.25	0.6	4	<0.5	<0.05	<2	<0.25	27				
Sep-15	159	130	0.2	49	0	107	0.2	9	108	99	<0.25	0.7	4	<0.5	<0.05	<2	<0.25	24				
Oct-15	151	164	0.2	47	0	101	0.2	8	101	63	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	21	3	18	0.000	
Nov-15	160	152	0.2	49	0	102	0.3	9	101	67	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	27				
Dec-15	146	161	0.2	44	0	119	0.3	9	115	66	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	23				
Avg	154	146	0.2	47	0	110	0.3	9	108	78	<0.25	0.8	4	<0.5	<0.05	<2	<0.25	26	3	17	0.000	
Min	145	129	0.2	44	0	101	0.2	8	96	63	<0.25	<0.5	4	<0.5	<0.05	<2	<0.25	21	2	13	0.000	
Max	161	172	0.3	50	0	123	0.3	9	115	102	<0.25	1.4	5	<0.5	<0.05	<2	<0.25	32	5	19	0.000	

*Free Cyanide is analyzed using ASTM-D7237 for analysis of aquatic free cyanide in accordance with R8-2015-0036

Inland Empire Utilities Agency
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Recycling Facility, 2015 NPDES Annual Report

RP-5 (M-003) Effluent Monthly Inorganic Data

Table No. 8c

	Total Hardness	HCO ₃ ²⁻	B	Ca	CO ₃ ²⁻	Cl	F	Mg	Na	SO ₄	Cd, TR	Cr, Total	Cu, TR	Pb, TR	Hg, TR	Se, TR	Ag, TR	Zn, TR	Chlorodi-bromomethane	Bromodi-chloromethane	2,3,7,8-TCDD	
Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pg/L	
Limits																			34 mo avg; 68 max daily		0.014 mo avg; 0.028 max	
Jan-15	173	126	0.3	51	0	140	0.1	11	96	71	<0.25	<0.5	6	<0.5	<0.05	<2	<0.25	45	12	28		
Feb-15	192	137	0.3	58	0	138	0.2	11	108	69	<0.25	1.3	5	<0.5	<0.05	<2	<0.25	51	4	20		
Mar-15	177	117	0.3	52	0	136	0.2	11	100	67	0.35	1.0	6	<0.5	<0.05	<2	<0.25	54	6	22		
Apr-15	197	131	0.2	59	0	137	0.2	12	112	80	<0.25	1.7	8	<0.5	<0.05	<2	<0.25	52	5	23		
May-15	186	146	0.2	58	0	134	0.2	10	103	73	<0.25	1.4	8	<0.5	<0.05	<2	<0.25	56	6	25		
Jun-15	185	132	0.2	56	0	138	0.2	11	102	87	0.83	1.2	8	<0.5	<0.05	<2	<0.25	52	6	28		
Jul-15																						
Aug-15																						
Sep-15	204	135	0.3	61	0	148	0.1	12	110	64	<0.25	0.7	8	<0.5	<0.05	<2	<0.25	56	8	35		
Oct-15	184	133	0.2	55	0	129	0.1	11	101	64	<0.25	<0.5	6	<0.5	<0.05	<2	<0.25	45	3	20	0.000	
Nov-15	210	145	0.2	65	0	132	0.2	12	102	73	<0.25	0.7	9	<0.5	<0.05	<2	<0.25	64	12	36	0.000	
Dec-15	196	138	0.2	57	0	140	0.2	13	104	63	<0.25	0.6	9	<0.5	<0.05	<2	<0.25	49	8	27	0.660	
Avg	190	134	0.2	57	0	137	0.2	11	104	71	<0.32	1.0	7	<0.5	<0.05	<2	<0.25	52	7	26	0.220	
Min	173	117	0.2	51	0	129	0.1	10	96	63	<0.25	<0.5	5	<0.5	<0.05	<2	<0.25	45	3	20	0.000	
Max	210	146	0.3	65	0	148	0.2	13	112	87	0.83	1.7	9	<0.5	<0.05	<2	<0.25	64	12	36	0.660	

CCWRF (M-004) Effluent Monthly Inorganic Data

Table No. 8d

	Total Hardness	HCO ₃ ²⁻	B	Ca	CO ₃ ²⁻	Cl	F	Mg	Na	SO ₄	Cd, TR	Cr, Total	Cu, TR	Pb, TR	Hg, TR	Se, TR	Ag, TR	Zn, TR	Chlorodi-bromomethane	Bromodi-chloromethane	2,3,7,8-TCDD	
Date	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	pg/L	
Limits																				34 mo avg; 68 max daily	46 mo avg; 67 max daily	
Jan-15	168	138	0.2	50	0	131	0.3	11	101	74	<0.25	0.5	7	<0.5	<0.05	<2	<0.25	49	25	37		
Feb-15	181	138	0.3	55	0	142	0.2	11	115	75	<0.25	1.3	5	<0.5	<0.05	<2	<0.25	51				
Mar-15	176	137	0.3	53	0	135	0.2	10	105	68	<0.25	1.1	5	<0.5	<0.05	<2	<0.25	55				
Apr-15	187	149	0.3	57	0	145	0.2	11	107	75	<0.25	1.8	8	<0.5	<0.05	<2	<0.25	71	18	37		
May-15	172	136	0.2	52	0	133	0.3	10	112	100	<0.25	1.3	7	<0.5	<0.05	<2	<0.25	57				
Jun-15	178	150	0.2	55	0	130	0.2	10	103	80	<0.25	1.5	8	<0.5	<0.05	<2	<0.25	61				
Jul-15	182	133	0.2	55	0	135	0.2	11	113	96	<0.25	1.0	7	<0.5	<0.05	<2	<0.25	66	11	27		
Aug-15	181	140	0.3	55	0	137	0.2	11	125	96	<0.25	0.8	7	<0.5	<0.05	<2	<0.25	53				
Sep-15	180	121	0.3	54	0	150	0.2	11	117	96	<0.25	0.8	7	<0.5	<0.05	<2	<0.25	59				
Oct-15	176	124	0.2	53	0	146	0.2	11	118	87	<0.25	0.9	8	<0.5	<0.05	<2	<0.25	65	26	43	0.000	
Nov-15	195	122	0.2	58	0	137	0.2	12	121	100	<0.25	0.8	8	<0.5	<0.05	<2	<0.25	61	23	38		
Dec-15	175	128	0.3	52	0	152	0.2	11	126	100	<0.25	0.8	8	<0.5	<0.05	<2	<0.25	68	23	40		
Avg	179	135	0.3	54	0	139	0.2	11	114	87	<0.25	1.1	7	<0.5	<0.05	<2	<0.25	60	21	37	0.000	
Min	168	121	0.2	50	0	130	0.2	10	101	68	<0.25	0.5	5	<0.5	<0.05	<2	<0.25	49	11	27	0.000	
Max	195	150	0.3	58	0	152	0.3	12	126	100	<0.25	1.8	8	<0.5	<0.05	<2	<0.25	71	26	43	0.000	

*Free Cyanide is analyzed using ASTM-D7237 for analysis of aquatic free cyanide in accordance with R8-2015-0036

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RP-1 (M-001B) Effluent Quarterly Data

Table No. 9a

RP-1/RP-4 (M-002A) Effluent Quarterly Data

Table No. 9b

	Al, TR	Sb, TR	As, TR	Ba, TR	Co, TR	Ni, TR
Date	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Jan-15	35	<1	<2	15	<1	2
Feb-15	36	<1	<2	11	<1	3
Mar-15	33	<1	<2	12	<1	2
Apr-15	<25	<1	<2	19	<1	4
May-15	26	0.8	<2	15	<1	2
Jun-15	38	0.8	<2	12	<1	2
Jul-15	40	0.9	<2	15	<1	3
Aug-15	35	0.8	<2	13	<1	2
Sep-15	40	0.9	<2	16	<1	3
Oct-15	35	0.8	<2	14	<1	3
Nov-15	47	0.8	<2	15	<1	3
Dec-15	35	0.8	<2	14	<1	2
Avg	35	1	<2	14	<1	3
Min	<25	1	<2	11	<1	2
Max	47	<1	<2	19	<1	4

	Al, TR	Sb, TR	As, TR	Ba, TR	Co, TR	Ni, TR
Date	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Jan-15	35	<1	<2	14	<1	2
Feb-15	35	<1	<2	11	<1	2
Mar-15	32	<1	<2	12	<1	2
Apr-15	<25	<1	<2	18	<1	3
May-15	<25	0.8	<2	15	<1	2
Jun-15	44	0.8	<2	12	<1	2
Jul-15	35	0.9	<2	16	<1	3
Aug-15	32	0.7	<2	13	<1	3
Sep-15	34	0.9	<2	16	<1	3
Oct-15	41	0.8	<2	14	<1	3
Nov-15	47	0.7	<2	15	<1	3
Dec-15	33	0.8	<2	15	<1	2
Avg	35	0.9	<2	14	<1	3
Min	<25	0.7	<2	11	<1	2
Max	47	<1.0	<2	18	<1	3

RP-5 (M-003) Effluent Quarterly Data

Table No. 9c

CCWRF (M-004) Effluent Quarterly Data

Table No. 9d

	Al, TR	Sb, TR	As, TR	Ba, TR	Co, TR	Ni, TR
Date	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Jan-15	<25	<1	<2	17	<1	3
Feb-15	<25	<1	<2	32	<1	2
Mar-15	<25	<1	<2	22	<1	2
Apr-15	<25	<1	<2	33	<1	3
May-15	<25	0.5	<2	42	<1	3
Jun-15	<25	0.5	2	29	<1	3
Jul-15						
Aug-15						
Sep-15	<25	<0.5	<2	38	<1	3
Oct-15	<25	<0.5	<2	25	<1	3
Nov-15	<25	0.6	<2	37	<1	3
Dec-15	<25	<0.5	<2	37	<1	2
Avg	<25	<1	<2	31	<1	3
Min	<25	<1	<2	17	<1	2
Max	<25	<1	2	42	<1	3

	Al, TR	Sb, TR	As, TR	Ba, TR	Co, TR	Ni, TR
Date	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Jan-15	<25	<1	<2	13	<1	2
Feb-15	50	<1	<2	16	<1	2
Mar-15	75	<1	<2	18	<1	2
Apr-15	86	<1	2	23	<1	4
May-15	65	0.5	<2	26	<1	2
Jun-15	64	0.6	2	21	<1	2
Jul-15	72	0.6	2	23	<1	3
Aug-15	<25	<0.5	<2	22	<1	2
Sep-15	54	0.6	<2	24	<1	3
Oct-15	45	0.5	<2	22	<1	3
Nov-15	50	0.6	3	16	<1	3
Dec-15	73	0.5	<2	22	<1	2
Avg	57	1	<2	21	<1	3
Min	<25	<1	<2	13	<1	2
Max	86	<1	3	26	<1	4

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Table No. 10

Mo-Yr	Discharged Eff Flow			TIN						Agency-wide TIN				
	RP1/RP4	RP5	CC	RP1/RP4		RP5		CC		Discharge		Limit		12-MRA
	MGD			mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	flow wt.	total	flow wt.	total	flow-wt.
										mg/L	lbs/day	mg/L	lbs/day	mg/L
Jan-15	20.0	9.8	6.8	9.1	1,510	7.9	650	4.4	250	7.9	2,410	8	5,338	5.2
Feb-15	13.1	9.9	2.4	6.9	750	8.9	730	3.9	80	7.4	1,560	8	5,338	5.3
Mar-15	14.8	4.5	1.9	6.2	770	7.0	260	3.8	60	6.2	1,090	8	5,338	5.4
Apr-15	13.8	2.7	1.3	5.0	570	6.8	150	3.6	40	5.2	760	8	5,338	5.4
May-15	12.6	3.9	3.2	7.1	750	5.1	170	3.5	90	6.1	1,010	8	5,338	5.4
Jun-15	5.8	0.7	1.8	4.6	220	6.4	40	3.7	60	4.6	320	8	5,338	5.4
Jul-15	6.3	0.0	1.8	5.8	310	6.3	0	3.0	40	5.2	350	8	5,338	5.6
Aug-15	3.1	0.0	1.6	5.3	130	6.5	0	3.6	50	4.7	180	8	5,338	5.7
Sep-15	10.8	1.1	2.2	4.8	430	6.8	60	3.9	70	4.8	560	8	5,338	5.7
Oct-15	12.8	2.9	2.4	4.7	510	6.8	170	5.6	110	5.2	790	8	5,338	5.8
Nov-15	20.3	2.8	3.6	5.2	890	6.4	150	5.6	170	5.4	1,210	8	5,338	5.7
Dec-15	18.1	3.4	4.0	6.2	940	7.3	210	5.1	170	6.2	1,320	8	5,338	5.7
Avg	12.6	3.5	2.8	5.9	650	6.8	220	4.1	100	5.7	960	8	5,338	5.5
Min	3.1	0.0	1.3	4.6	130	5.1	0	3.0	40	4.6	180	8	5,338	5.2
Max	20.3	9.9	6.8	9.1	1,510	8.9	730	5.6	250	7.9	2,410	8	5,338	5.8

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Agency-wide TDS 12-Month Running Averages

Table No. 11

Mo-Yr	Flows								Total Dissolved Solids (TDS)								Agency-wide TDS				12-MRA
	RP-1		RP-4		RP-5		CC		RP-1		RP-4		RP-5		CC		Discharge		Limit		
	001 ¹	RW	002	RW	RP-5	RW	CC	RW	001	RW ²	002	RW	RP-5	RW ²	CC	RW ²	flow wt. mg/L	total lbs/day	flow wt. mg/L	total lbs/day	
	MGD								mg/L												flow wt. mg/L
Jan-15	2.3	9.2	17.8	5.5	9.8	0.3	6.8	0.1	584	532	552	495	555	527	568	556	546	267,120	550	366,960	525
Feb-15	2.6	14.9	10.4	7.4	9.9	0.4	2.4	3.5	571	559	576	498	573	546	611	574	560	235,860	550	366,960	529
Mar-15	1.9	15.0	12.9	10.1	4.5	3.0	1.9	2.6	548	529	542	482	562	518	578	540	528	225,870	550	366,960	532
Apr-15	2.3	15.4	11.4	10.6	2.7	3.7	1.3	2.8	566	517	538	497	585	558	588	560	531	214,470	550	366,960	533
May-15	2.0	14.8	10.6	9.2	3.9	3.6	3.2	2.4	541	506	532	498	550	519	562	527	520	218,990	550	366,960	533
Jun-15	3.0	19.1	2.8	10.6	0.7	4.9	1.8	4.1	558	504	518	488	596	536	561	549	515	191,800	550	366,960	534
Jul-15	2.7	20.3	3.6	9.6	0.0	5.2	1.8	4.9	529	477	507	487	NA	521	571	551	500	185,940	550	366,960	534
Aug-15	1.9	21.2	1.2	10.7	0.0	6.0	1.6	5.1	533	487	523	463	NA	530	598	573	503	182,830	550	366,960	534
Sep-15	3.3	16.5	7.5	9.7	1.1	3.7	2.2	4.3	538	495	501	473	555	511	598	572	508	194,000	550	366,960	532
Oct-15	1.8	13.8	11.0	8.6	2.9	4.1	2.4	4.2	526	482	503	466	548	526	586	570	506	198,020	550	366,960	529
Nov-15	3.0	10.0	17.3	7.8	2.8	2.8	3.6	3.4	526	476	496	476	547	526	579	555	505	214,540	550	366,960	524
Dec-15	3.3	13.3	14.8	7.0	3.4	1.9	4.0	2.8	518	484	491	458	528	520	599	568	503	217,570	550	366,960	519
Avg	2.5	15.3	10.1	8.9	3.5	3.3	2.8	3.4	545	504	523	482	560	528	583	558	519	212,250	550	366,960	530
Min	1.8	9.2	1.2	5.5	0.0	0.3	1.3	0.1	518	476	491	458	528	511	561	527	500	182,830	550	366,960	519
Max	3.3	21.2	17.8	10.7	9.9	6.0	6.8	5.1	584	559	576	498	596	558	611	574	560	267,120	550	366,960	534

NOTES: ¹ Prior to April 2010, 001 effluent flow included recycled water flow.

² Flow and TDS added to flow-weight for RP-1, RP-5, and CCWRF recycled water (May 2010)

NA: Not Analyzed, due to no discharge

APPENDIX B

RECYCLED WATER

COMPLIANCE DATA

FOR CALENDAR YEAR 2015

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RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 18a

RP-1 (M-001B) Effluent Remaining Priority Pollutant Metals & CN, µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
Antimony (Sb)	<0.5	<0.5	<0.5	<0.5	0.8	0.8	0.9	0.8	0.9	0.8	0.8	0.8	0.9
Arsenic (As)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium (Cd)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Chromium (Cr)	<0.5	1.1	0.9	1.7	1.1	1.5	0.7	<0.5	0.5	<0.5	<0.5	<0.5	1.7
Copper (Cu)	3.8	3.7	3.4	4.7	4.1	3.6	3.4	3.4	3.7	3.5	3.9	3.9	4.7
Lead (Pb)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Mercury (Hg)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (Ni)	2.3	2.5	1.8	3.9	2.4	2.5	2.5	2.4	2.7	2.6	2.7	2.1	3.9
Selenium (Se)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Silver (Ag)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Thallium (Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Zinc (Zn)	24	31	27	24	27	24	28	27	25	21	29	25	31
CN, Aquatic Free	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2

RP-1 (M-001B) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L

1,1,1-Trichloroethane										<1			<1
1,1,1,2-Tetrachloroethane										<0.5			<0.5
1,1,2-Trichloroethane										<1			<1
1,1-Dichloroethane										<0.5			<0.5
1,1-Dichloroethene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,2-Dichloroethane										<1			<1
1,2-Dichloropropane										<0.5			<0.5
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2-Chloroethyl vinyl ether										<1			<1
Benzene										<1			<1
Bromodichloromethane	19	20		23			21			19			23
Bromoform	<1	<1		<1			<1			<1			<1
Bromomethane										<1			<1
Carbon tetrachloride										<1			<1
Chlorobenzene										<1			<1
Chloroethane										<1			<1
Chloroform	56	52		61			79			74			79
Chloromethane										<1			<1
cis-1,3-Dichloropropene										<1			<1
Dibromochloromethane	4	5		5			4			3			5
Ethylbenzene										<1			<1
Methylene chloride										<1			<1
Tetrachloroethene										<1			<1
Toluene										<1			<1
trans-1,2-Dichloroethene										<0.5			<0.5
trans-1,3-Dichloropropene										<1			<1
Trichloroethene										<1			<1
Trichlorofluoromethane										<2			<2
Vinyl chloride										<1			<1
Acrolein										<2			<2
Acrylonitrile										<2			<2

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RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 18b

RP-1 (M-001B) Effluent Base/Neutral and Acid Extractibles (EPA Method 625), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2,4,6-Trichlorophenol										<1			<1
2,4-Dichlorophenol										<2			<2
2,4-Dimethylphenol										<1			<1
2,4-Dinitrophenol										<3			<3
2,4-Dinitrotoluene										<1			<1
2,6-Dinitrotoluene										<2			<2
2-Chloronaphthalene										<1			<1
2-Chlorophenol										<1			<1
2-Methyl-4,6-dinitrophenol										<2			<2
2-Nitrophenol										<1			<1
3,3-Dichlorobenzidine										<5			<5
4-Bromophenyl phenyl ether										<1			<1
4-Chloro-3-methylphenol										<1			<1
4-Chlorophenyl phenyl ether										<1			<1
4-Nitrophenol										<3			<3
Acenaphthene										<1			<1
Acenaphthylene										<1			<1
Anthracene										<1			<1
Azobenzene										<1			<1
Benzidine										<5			<5
Benzo(a)anthracene										<5			<5
Benzo(a)pyrene										<1			<1
Benzo(b)fluoranthene										<1			<1
Benzo(g,h,i)perylene										<2			<2
Benzo(k)fluoranthene										<1			<1
Bis(2-chloroethoxy)methane										<2			<2
Bis(2-chloroethyl)ether										<1			<1
Bis(2-chloroisopropyl)ether										<1			<1
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2
Butyl benzyl phthalate										<1			<1
Chrysene										<1			<1
Dibenzo(a,h)anthracene										<1			<1
Diethyl phthalate										<2			<2
Dimethyl phthalate										<1			<1
Di-n-butyl phthalate										<1			<1
Di-n-octyl phthalate										<1			<1
Fluoranthene										<1			<1
Fluorene										<1			<1
Hexachlorobenzene										<1			<1
Hexachlorobutadiene										<1			<1
Hexachlorocyclopentadiene										<5			<5
Hexachloroethane										<1			<1
Indeno(1,2,3-cd)pyrene										<2			<2
Isophorone										<1			<1
Naphthalene										<1			<1
Nitrobenzene										<1			<1
N-Nitrosodimethylamine										<1			<1
N-Nitroso-di-n-propylamine										<1			<1
N-Nitrosodiphenylamine										<1			<1
Pentachlorophenol										<2			<2
Phenanthrene										<1			<1
Phenol										<1			<1
Pyrene										<1			<1

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RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 18c

RP-1 (M-001B) Effluent Pesticides (EPA Method 608), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
4,4-DDD										<0.006			<0.006
4,4-DDE										<0.006			<0.006
4,4-DDT										<0.008			<0.008
Aldrin										<0.004			<0.004
Alpha-BHC										<0.008			<0.008
Beta-BHC										<0.005			<0.005
Delta-BHC										<0.007			<0.007
Dieldrin										<0.006			<0.006
Endosulfan I										<0.01			<0.01
Endosulfan II										<0.007			<0.007
Endosulfan Sulfate										<0.009			<0.009
Endrin										<0.009			<0.009
Endrin aldehyde										<0.006			<0.006
Gamma-BHC										<0.01			<0.01
Heptachlor										<0.006			<0.006
Heptachlor epoxide										<0.007			<0.007
Chlordane										<0.1			<0.1
PCB-1016										<0.5			<0.5
PCB-1221										<0.5			<0.5
PCB-1232										<0.5			<0.5
PCB-1242										<0.5			<0.5
PCB-1248										<0.5			<0.5
PCB-1254										<0.5			<0.5
PCB-1260										<0.5			<0.5
Toxaphene										<0.5			<0.5

RP-1 (M-001B) Effluent Dioxins & Furans, pg/L (reported values based on detection limit)

PCDD/PCDF Congeners*										0.0			0.0
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*TEQ is calculated based on congener concentrations below the reporting limit (RL) set to zero

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Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Recycling Facility, 2015 NPDES Annual Report

RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 19a

RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutant Metals & CN, µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
Antimony (Sb)	<0.5	<0.5	<0.5	<0.5	0.8	0.8	0.9	0.7	0.9	0.8	0.7	0.8	0.9
Arsenic (As)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium (Cd)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Chromium (Cr)	<0.5	1.1	0.7	1.4	1.0	0.9	1.1	0.6	0.7	<0.5	<0.5	<0.5	1.4
Copper (Cu)	3.7	3.8	3.7	4.6	4.2	4.0	3.7	3.6	4.1	3.7	4.0	3.8	4.6
Lead (Pb)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Mercury (Hg)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (Ni)	2.3	2.5	1.8	2.6	2.4	2.5	2.7	2.6	2.9	2.6	2.7	2.3	2.9
Selenium (Se)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Silver (Ag)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Thallium (Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Zinc (Zn)	23	32	28	24	26	24	29	27	24	21	27	23	32
CN, Aquatic Free	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2

RP-1/RP-4 (M-002A) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L

1,1,1-Trichloroethane										<1			<1
1,1,2,2-Tetrachloroethane										<0.5			<0.5
1,1,2-Trichloroethane										<1			<1
1,1-Dichloroethane										<0.5			<0.5
1,1-Dichloroethene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,2-Dichloroethane										<1			<1
1,2-Dichloropropane										<0.5			<0.5
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2-Chloroethyl vinyl ether										<1			<1
Benzene										<1			<1
Bromodichloromethane	18			19			13			18			19
Bromoform	<1			<1			<1			<1			<1
Bromomethane										<1			<1
Carbon tetrachloride										<1			<1
Chlorobenzene										<1			<1
Chloroethane										<1			<1
Chloroform	68			59			57			76			76
Chloromethane										<1			<1
cis-1,3-Dichloropropene										<1			<1
Dibromochloromethane	4			5			2			3			5
Ethylbenzene										<1			<1
Methylene chloride										<1			<1
Tetrachloroethene										<1			<1
Toluene										<1			<1
trans-1,2-Dichloroethene										<0.5			<0.5
trans-1,3-Dichloropropene										<1			<1
Trichloroethene										<1			<1
Trichlorofluoromethane										<2			<2
Vinyl chloride										<1			<1
Acrolein										<2			<2
Acrylonitrile										<2			<2

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RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 19b

RP-1/RP-4 (M-002A) Effluent Base/Neutral and Acid Extractibles (EPA Method 625), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2,4,6-Trichlorophenol										<1			<1
2,4-Dichlorophenol										<2			<2
2,4-Dimethylphenol										<1			<1
2,4-Dinitrophenol										<3			<3
2,4-Dinitrotoluene										<1			<1
2,6-Dinitrotoluene										<2			<2
2-Chloronaphthalene										<1			<1
2-Chlorophenol										<1			<1
2-Methyl-4,6-dinitrophenol										<2			<2
2-Nitrophenol										<1			<1
3,3-Dichlorobenzidine										<5			<5
4-Bromophenyl phenyl ether										<1			<1
4-Chloro-3-methylphenol										<1			<1
4-Chlorophenyl phenyl ether										<1			<1
4-Nitrophenol										<3			<3
Acenaphthene										<1			<1
Acenaphthylene										<1			<1
Anthracene										<1			<1
Azobenzene										<1			<1
Benzidine										<5			<5
Benzo(a)anthracene										<5			<5
Benzo(a)pyrene										<1			<1
Benzo(b)fluoranthene										<1			<1
Benzo(g,h,i)perylene										<2			<2
Benzo(k)fluoranthene										<1			<1
Bis(2-chloroethoxy)methane										<2			<2
Bis(2-chloroethyl)ether										<1			<1
Bis(2-chloroisopropyl)ether										<1			<1
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2
Butyl benzyl phthalate										<1			<1
Chrysene										<1			<1
Dibenzo(a,h)anthracene										<1			<1
Diethyl phthalate										<2			<2
Dimethyl phthalate										<1			<1
Di-n-butyl phthalate										<1			<1
Di-n-octyl phthalate										<1			<1
Fluoranthene										<1			<1
Fluorene										<1			<1
Hexachlorobenzene										<1			<1
Hexachlorobutadiene										<1			<1
Hexachlorocyclopentadiene										<5			<5
Hexachloroethane										<1			<1
Indeno(1,2,3-cd)pyrene										<2			<2
Isophorone										<1			<1
Naphthalene										<1			<1
Nitrobenzene										<1			<1
N-Nitrosodimethylamine										<1			<1
N-Nitroso-di-n-propylamine										<1			<1
N-Nitrosodiphenylamine										<1			<1
Pentachlorophenol										<2			<2
Phenanthrene										<1			<1
Phenol										<1			<1
Pyrene										<1			<1

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RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 19c

RP-1/RP-4 (M-002A) Effluent Pesticides (EPA Method 608), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
4,4-DDD										<0.006			<0.006
4,4-DDE										<0.006			<0.006
4,4-DDT										<0.008			<0.008
Aldrin										<0.004			<0.004
Alpha-BHC										<0.008			<0.008
Beta-BHC										<0.005			<0.005
Delta-BHC										<0.007			<0.007
Dieldrin										<0.006			<0.006
Endosulfan I										<0.01			<0.01
Endosulfan II										<0.007			<0.007
Endosulfan Sulfate										<0.009			<0.009
Endrin										<0.009			<0.009
Endrin aldehyde										<0.006			<0.006
Gamma-BHC										<0.01			<0.01
Heptachlor										<0.006			<0.006
Heptachlor epoxide										<0.007			<0.007
Chlordane										<0.1			<0.1
PCB-1016										<0.5			<0.5
PCB-1221										<0.5			<0.5
PCB-1232										<0.5			<0.5
PCB-1242										<0.5			<0.5
PCB-1248										<0.5			<0.5
PCB-1254										<0.5			<0.5
PCB-1260										<0.5			<0.5
Toxaphene										<0.5			<0.5

RP-1/RP-4 (M-002A) Effluent Dioxins & Furans, pg/L (reported values based on detection limit)

PCDD/PCDF Congeners*										0.0			0.00
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*TEQ is calculated based on congener concentrations below the reporting limit (RL) set to zero

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RP-5 (M-003) Effluent Remaining Priority Pollutants

Table 20a

RP-5 (M-003) Effluent Remaining Priority Pollutant Metals & CN, µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
Antimony (Sb)	<0.5	<0.5	<0.5	<0.5	0.5	0.5			<0.5	<0.5	0.6	<0.5	0.6
Arsenic (As)	<2	<2	<2	<2	<2	2			<2	<2	<2	<2	2
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium (Cd)	<0.25	<0.25	0.35	<0.25	<0.25	0.83			<0.25	<0.25	<0.25	<0.25	0.83
Chromium (Cr)	<0.5	1.3	1.0	1.7	1.4	1.2			0.7	<0.5	0.7	0.6	1.7
Copper (Cu)	6.0	5.1	6.3	8.1	8.0	7.5			8.2	6.2	8.5	9.2	9.2
Lead (Pb)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5	<0.5	<0.5	<0.5	<0.5
Mercury (Hg)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05			<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (Ni)	2.5	2.5	1.9	3.3	2.9	3.0			2.6	2.7	3.0	2.5	3.3
Selenium (Se)	<2	<2	<2	<2	<2	<2			<2	<2	<2	<2	<2
Silver (Ag)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			<0.25	<0.25	<0.25	<0.25	<0.25
Thallium (Tl)	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1
Zinc (Zn)	45	51	54	52	56	52			56	45	64	49	64
CN, Aquatic Free	<2	<2	<2	<2	<2	<2			<2	<2			<2

RP-5 (M-003) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L

1,1,1-Trichloroethane										<1			<1
1,1,1,2-Tetrachloroethane										<0.5			<0.5
1,1,2-Trichloroethane										<1			<1
1,1-Dichloroethane										<0.5			<0.5
1,1-Dichloroethene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,2-Dichloroethane										<1			<1
1,2-Dichloropropane										<0.5			<0.5
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2-Chloroethyl vinyl ether										<1			<1
Benzene										<1			<1
Bromodichloromethane	28	20	22	23	25	28			35	20	36	27	36
Bromoform	<1	<1	<1	<1	<1	<1			<1	<1	<1	<1	<1
Bromomethane										<1			<1
Carbon tetrachloride										<1			<1
Chlorobenzene										<1			<1
Chloroethane										<1			<1
Chloroform	47	66	53	63	65	73			84	81	57	61	84
Chloromethane										<1			<1
cis-1,3-Dichloropropene										<1			<1
Dibromochloromethane	12	4	6	5	6	6			8	3	12	8	12
Ethylbenzene										<1			<1
Methylene chloride										<1			<1
Tetrachloroethene										<1			<1
Toluene										<1			<1
trans-1,2-Dichloroethene										<0.5			<0.5
trans-1,3-Dichloropropene										<1			<1
Trichloroethene										<1			<1
Trichlorofluoromethane										<2			<2
Vinyl chloride										<1			<1
Acrolein										<2			<2
Acrylonitrile										<2			<2

INLAND EMPIRE UTILITIES AGENCY

Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Recycling Facility, 2015 NPDES Annual Report

RP-5 (M-003) Effluent Remaining Priority Pollutants

Table 20b

RP-5 (M-003) Effluent Base/Neutral and Acid Extractibles (EPA Method 625), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2,4,6-Trichlorophenol										<1			<1
2,4-Dichlorophenol										<2			<2
2,4-Dimethylphenol										<1			<1
2,4-Dinitrophenol										<3			<3
2,4-Dinitrotoluene										<1			<1
2,6-Dinitrotoluene										<2			<2
2-Chloronaphthalene										<1			<1
2-Chlorophenol										<1			<1
2-Methyl-4,6-dinitrophenol										<2			<2
2-Nitrophenol										<1			<1
3,3-Dichlorobenzidine										<5			<5
4-Bromophenyl phenyl ether										<1			<1
4-Chloro-3-methylphenol										<1			<1
4-Chlorophenyl phenyl ether										<1			<1
4-Nitrophenol										<3			<3
Acenaphthene										<1			<1
Acenaphthylene										<1			<1
Anthracene										<1			<1
Azobenzene										<1			<1
Benzidine										<5			<5
Benzo(a)anthracene										<5			<5
Benzo(a)pyrene										<1			<1
Benzo(b)fluoranthene										<1			<1
Benzo(g,h,i)perylene										<2			<2
Benzo(k)fluoranthene										<1			<1
Bis(2-chloroethoxy)methane										<2			<2
Bis(2-chloroethyl)ether										<1			<1
Bis(2-chloroisopropyl)ether										<1			<1
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2		<2		<2			<2
Butyl benzyl phthalate										<1			<1
Chrysene										<1			<1
Dibenzo(a,h)anthracene										<1			<1
Diethyl phthalate										<2			<2
Dimethyl phthalate										<1			<1
Di-n-butyl phthalate										<1			<1
Di-n-octyl phthalate										<1			<1
Fluoranthene										<1			<1
Fluorene										<1			<1
Hexachlorobenzene										<1			<1
Hexachlorobutadiene										<1			<1
Hexachlorocyclopentadiene										<5			<5
Hexachloroethane										<1			<1
Indeno(1,2,3-cd)pyrene										<2			<2
Isophorone										<1			<1
Naphthalene										<1			<1
Nitrobenzene										<1			<1
N-Nitrosodimethylamine										<1			<1
N-Nitroso-di-n-propylamine										<1			<1
N-Nitrosodiphenylamine										<1			<1
Pentachlorophenol										<2			<2
Phenanthrene										<1			<1
Phenol										<1			<1
Pyrene										<1			<1

INLAND EMPIRE UTILITIES AGENCY

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RP-5 (M-003) Effluent Remaining Priority Pollutants

Table 20c

RP-5 (M-003) Effluent Pesticides (EPA Method 608), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
4,4-DDD										<0.006			<0.006
4,4-DDE										<0.006			<0.006
4,4-DDT										<0.008			<0.008
Aldrin										<0.004			<0.004
Alpha-BHC										<0.008			<0.008
Beta-BHC										<0.005			<0.005
Delta-BHC										<0.007			<0.007
Dieldrin										<0.006			<0.006
Endosulfan I										<0.01			<0.01
Endosulfan II										<0.007			<0.007
Endosulfan Sulfate										<0.009			<0.009
Endrin										<0.009			<0.009
Endrin aldehyde										<0.006			<0.006
Gamma-BHC										<0.01			<0.01
Heptachlor										<0.006			<0.006
Heptachlor epoxide										<0.007			<0.007
Chlordane										<0.1			<0.1
PCB-1016										<0.5			<0.5
PCB-1221										<0.5			<0.5
PCB-1232										<0.5			<0.5
PCB-1242										<0.5			<0.5
PCB-1248										<0.5			<0.5
PCB-1254										<0.5			<0.5
PCB-1260										<0.5			<0.5
Toxaphene										<0.5			<0.5

RP-5 (M-003) Effluent Dioxins & Furans, pg/L (reported values based on detection limit)

PCDD/PCDF Congeners*	<5**									0.0	0.0	0.660	<5
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*TEQ is calculated based on congener concentrations below the reporting limit (RL) set to zero

**Single compound only, 2,3,7,8-TCDD

INLAND EMPIRE UTILITIES AGENCY

Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Recycling Facility, 2015 NPDES Annual Report

CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 21a

CCWRF (M-004) Effluent Remaining Priority Pollutant Metals & CN, µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
Antimony (Sb)	<0.5	<0.5	<0.5	<0.5	0.5	0.6	0.6	<0.5	0.6	0.5	0.6	0.5	0.6
Arsenic (As)	<2	<2	<2	3	<2	2	2	<2	<2	<2	3	<2	3
Beryllium (Be)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium (Cd)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Chromium (Cr)	0.5	1.3	1.1	1.8	1.3	1.5	1.0	0.8	0.8	0.9	0.8	0.8	1.8
Copper (Cu)	6.9	5.3	5.0	8.0	6.8	7.7	7.0	6.6	6.9	7.9	8.4	7.9	8.4
Lead (Pb)	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Mercury (Hg)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nickel (Ni)	2.3	2.2	1.7	3.5	2.5	2.4	2.6	2.2	2.6	2.8	2.9	2.3	3.5
Selenium (Se)	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Silver (Ag)	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Thallium (Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Zinc (Zn)	49	51	55	71	57	61	66	53	59	65	61	68	71
CN, Aquatic Free	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2

CCWRF (M-004) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L

1,1,1-Trichloroethane										<1			<1
1,1,1,2-Tetrachloroethane										<0.5			<0.5
1,1,2-Trichloroethane										<1			<1
1,1-Dichloroethane										<0.5			<0.5
1,1-Dichloroethene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,2-Dichloroethane										<1			<1
1,2-Dichloropropane										<0.5			<0.5
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2-Chloroethyl vinyl ether										<1			<1
Benzene										<1			<1
Bromodichloromethane	37			37			27			43	38	40	43
Bromoform	3			2			<1			3	3	2	3
Bromomethane										<1			<1
Carbon tetrachloride										<1			<1
Chlorobenzene										<1			<1
Chloroethane										<1			<1
Chloroform	38			55			45			49	40	43	55
Chloromethane										<1			<1
cis-1,3-Dichloropropene										<1			<1
Dibromochloromethane	25			18			11			26	23	23	26
Ethylbenzene										<1			<1
Methylene chloride										<1			<1
Tetrachloroethene										<1			<1
Toluene										<1			<1
trans-1,2-Dichloroethene										<0.5			<0.5
trans-1,3-Dichloropropene										<1			<1
Trichloroethene										<1			<1
Trichlorofluoromethane										<2			<2
Vinyl chloride										<1			<1
Acrolein										<2			<2
Acrylonitrile										<2			<2

INLAND EMPIRE UTILITIES AGENCY

Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Recycling Facility, 2015 NPDES Annual Report

CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 21b

CCWRF (M-004) Effluent Base/Neutral and Acid Extractibles (EPA Method 625), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
1,2,4-Trichlorobenzene										<1			<1
1,2-Dichlorobenzene										<1			<1
1,3-Dichlorobenzene										<1			<1
1,4-Dichlorobenzene										<1			<1
2,4,6-Trichlorophenol										<1			<1
2,4-Dichlorophenol										<2			<2
2,4-Dimethylphenol										<1			<1
2,4-Dinitrophenol										<3			<3
2,4-Dinitrotoluene										<1			<1
2,6-Dinitrotoluene										<2			<2
2-Chloronaphthalene										<1			<1
2-Chlorophenol										<1			<1
2-Methyl-4,6-dinitrophenol										<2			<2
2-Nitrophenol										<1			<1
3,3-Dichlorobenzidine										<5			<5
4-Bromophenyl phenyl ether										<1			<1
4-Chloro-3-methylphenol										<1			<1
4-Chlorophenyl phenyl ether										<1			<1
4-Nitrophenol										<3			<3
Acenaphthene										<1			<1
Acenaphthylene										<1			<1
Anthracene										<1			<1
Azobenzene										<1			<1
Benzidine										<5			<5
Benzo(a)anthracene										<5			<5
Benzo(a)pyrene										<1			<1
Benzo(b)fluoranthene										<1			<1
Benzo(g,h,i)perylene										<2			<2
Benzo(k)fluoranthene										<1			<1
Bis(2-chloroethoxy)methane										<2			<2
Bis(2-chloroethyl)ether										<1			<1
Bis(2-chloroisopropyl)ether										<1			<1
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			<2
Butyl benzyl phthalate										<1			<1
Chrysene										<1			<1
Dibenzo(a,h)anthracene										<1			<1
Diethyl phthalate										<2			<2
Dimethyl phthalate										<1			<1
Di-n-butyl phthalate										<1			<1
Di-n-octyl phthalate										<1			<1
Fluoranthene										<1			<1
Fluorene										<1			<1
Hexachlorobenzene										<1			<1
Hexachlorobutadiene										<1			<1
Hexachlorocyclopentadiene										<5			<5
Hexachloroethane										<1			<1
Indeno(1,2,3-cd)pyrene										<2			<2
Isophorone										<1			<1
Naphthalene										<1			<1
Nitrobenzene										<1			<1
N-Nitrosodimethylamine										<1			<1
N-Nitroso-di-n-propylamine										<1			<1
N-Nitrosodiphenylamine										<1			<1
Pentachlorophenol										<2			<2
Phenanthrene										<1			<1
Phenol										<1			<1
Pyrene										<1			<1

INLAND EMPIRE UTILITIES AGENCY

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CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 21c

CCWRF (M-004) Effluent Pesticides (EPA Method 608), µg/L

Constituent	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Max.
4,4-DDD										<0.006			<0.006
4,4-DDE										<0.006			<0.006
4,4-DDT										<0.008			<0.008
Aldrin										<0.004			<0.004
Alpha-BHC										<0.008			<0.008
Beta-BHC										<0.005			<0.005
Delta-BHC										<0.007			<0.007
Dieldrin										<0.006			<0.006
Endosulfan I										<0.01			<0.01
Endosulfan II										<0.007			<0.007
Endosulfan Sulfate										<0.009			<0.009
Endrin										<0.009			<0.009
Endrin aldehyde										<0.006			<0.006
Gamma-BHC										<0.01			<0.01
Heptachlor										<0.006			<0.006
Heptachlor epoxide										<0.007			<0.007
Chlordane										<0.1			<0.1
PCB-1016										<0.5			<0.5
PCB-1221										<0.5			<0.5
PCB-1232										<0.5			<0.5
PCB-1242										<0.5			<0.5
PCB-1248										<0.5			<0.5
PCB-1254										<0.5			<0.5
PCB-1260										<0.5			<0.5
Toxaphene										<0.5			<0.5

CCWRF (M-004) Effluent Dioxins & Furans, pg/L (reported values based on detection limit)

PCDD/PCDF Congeners*	<5**									0.0			<5
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*TEQ is calculated based on congener concentrations below the reporting limit (RL) set to zero

APPENDIX C

RECYCLED WATER

USERS AND DEMANDS

FOR FISCAL YEAR 2015/16

**APPENDIX C
RECYCLED WATER USES AND DEMANDS
FY 2015/16**

City of Chino		
Customer Name	Usage Type	Value_AF
Viaverde Nursery	Agricultural	0.21
H PLACENICIA NURSERY	Agricultural	88.45
Nyenhius Dairy	Agricultural	404.70
WESTSTEYN DAIRY	Agricultural	969.44
CW Farms II	Agricultural	35.58
La Brucherie Farms	Agricultural	288.83
C W FARMS IV	Agricultural	330.14
CLEVELAND FARM #1	Agricultural	356.01
CW Farms III	Agricultural	363.30
CW Farms	Agricultural	434.15
Cleveland Farm	Agricultural	552.15
Cal Poly Pomona	Agricultural	896.94
Superior Sod #4	Agricultural	118.15
Superior Sod	Agricultural	158.35
SUPERIOR SOD AIRPORT #1	Agricultural	207.42
Cleveland Farm	Agricultural	47.46
Chino Agricultural Usage		5251.25
5150 EDISON PARTNERS	Construction	1.16
HENKELS & MC COY INC	Construction	0.00
STICE COMPANY INC	Construction	0.02
MAGNUS PACIFIC CONSTRUCTION	Construction	0.03
Earth Basics	Construction	0.06
SANCON ENGINEERING	Construction	0.08
LENNAR HOMES OF CA	Construction	0.08
SANDERS HYDROSEEDING INC	Construction	0.13
ORANGE COUNTY WATER DISTRICT	Construction	0.43
LENNAR HOMES OF CA	Construction	0.47
NORM WILSON & SONS INC	Construction	0.79
PARKCREST CONSTRUCTION INC	Construction	1.78
WATSON LAND COMPANY	Construction	3.46
Sares Regis Vintage Apartments	Construction	4.35
HILLWOOD CONSTRUCTION	Construction	5.46
BRIDGE HOUSING CORPORATION	Construction	5.88
Portrait Construction, Inc.	Construction	8.57
PARK WEST RESCOM INC	Construction	8.74
Cleveland Farm	Construction	46.23
BOBERG ENGINEERING	Construction	62.41
Griffith Company	Construction	0.08
DR Horton	Construction	0.53
Standard Pacific	Construction	1.17
NORM WILSON & SONS INC	Construction	1.68
KB Homes	Construction	1.88
Lewis Operating Corp	Construction	3.28
Chino Development Corporation	Construction	4.21
PARKCREST CONSTRUCTION INC	Construction	4.50
LENNAR HOMES OF CA	Construction	6.75
WATSON LAND COMPANY	Construction	6.84
Lewis Operating Corp	Construction	30.94

**APPENDIX C
RECYCLED WATER USES AND DEMANDS
FY 2015/16**

K HOVNANIAN HOMES	Construction	0.05
R J NOBLE COMPANY	Construction	0.20
MILLIE AND SEVERSON	Construction	0.24
STANDARD PACIFIC OF OC	Construction	0.46
LEMASTER GRADING	Construction	0.49
PARK WEST LANDSCAPE MAINTENANCE	Construction	0.56
KB Homes	Construction	0.56
LEWIS OPERATING CORP	Construction	0.73
CLARK & SONS CONTRACTING	Construction	1.13
Commerce Construction	Construction	1.41
TELEPHONE AVE-SIEROTY BLDG	Construction	1.63
CANNON CONSTRUCTORS	Construction	1.97
LENNAR HOMES OF CA	Construction	12.00
BOBERG ENGINEERING	Construction	14.67
Chino Construction Usage		248.05
Repet Inc	Industrial	22.11
OLS ENERGY CHINO (WAS CALIF COGEN)	Industrial	144.58
Chino Industrial Usage		166.68
Excel INC	Landscape	0.00
Inland BioEnergy (IBE)	Landscape	0.01
ROADWAY ENGINEERING	Landscape	0.03
Inland Empire Utilities Agency	Landscape	0.08
5150 EDISON PARTNERS	Landscape	0.17
J F MANUFACTURING INC	Landscape	0.31
Shamrock Marketing	Landscape	0.39
Redbuilt LLC	Landscape	0.45
Colonial Electric	Landscape	0.73
DBRS Medical System	Landscape	0.75
Collins Company	Landscape	0.83
HYUNDAI-KIA AMERICA	Landscape	0.89
KPS GLOBAL LLC	Landscape	1.01
EQUIPMENT WHOLESALERS	Landscape	1.06
Funding Resources	Landscape	1.22
SCOTT ENGINEERING	Landscape	1.51
Valbruna	Landscape	1.60
Gro-Power Inc	Landscape	1.63
Chandler Real Properties	Landscape	1.64
Garrett Concrete	Landscape	1.72
NEXGRILL INDUSTRIES INC	Landscape	1.85
Farrand Enterprises	Landscape	2.00
WESTERN A WEST CA, LLC	Landscape	2.14
Yin, Zhihua	Landscape	2.18
CT Storage-Chino LLC	Landscape	2.21
Yoshimura R&D	Landscape	2.30
Chino Industrial Commons	Landscape	2.41
Kinfine USA Inc	Landscape	2.45
El Prado Rd Business Owners	Landscape	2.54
FUSION 5 CONDO ASSOCIATION	Landscape	2.56
DO + ABLE Product	Landscape	2.66
Redwood Business Center	Landscape	2.78

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Quetico Schaefer Properties	Landscape	2.82
EVERBLOOM ENTERPRISE LLC	Landscape	2.90
EDE GROUP INC	Landscape	2.96
RANCHO DEL CHINO LLC	Landscape	3.07
Chino Industrial Commons-Owners	Landscape	3.37
HILL PHOENIX INC	Landscape	3.75
The Campus Owners Corp	Landscape	3.88
SYNNEX CORPORATION	Landscape	3.92
CENTREPOINTE DISTRIBUTION CENT	Landscape	4.32
CITRUS COMMONS	Landscape	4.43
MOTIVATIONAL FULFILLMENT	Landscape	4.51
Central Business Owners Assoc	Landscape	4.94
Oltmans Construction	Landscape	4.96
PORT LOGISTICS GROUP	Landscape	5.20
MC KESSON MEDICAL	Landscape	5.50
Standard Pacific	Landscape	5.66
SADDLE CREEK CORPORATION	Landscape	5.80
OMNIA ITALIAN DESIGN	Landscape	5.88
DSC Logistics	Landscape	5.90
Chino Hills Ford	Landscape	6.30
WAL-MART STORES INC #07-8103	Landscape	6.67
UMA ENTERPRISES INC	Landscape	7.02
Majestic Management	Landscape	7.40
GILBERT WEST	Landscape	8.06
Warehouse Technology	Landscape	9.27
CP BUSINESS PARK PARTNERS LP	Landscape	9.82
Sundance Spas	Landscape	9.82
EURO-PRO OPERATING INC	Landscape	10.59
NORCO INJECTION MOLDING	Landscape	10.67
Yorba Industrial Center	Landscape	10.70
American Power Conversion	Landscape	11.54
Trammel Crow So Cal Inc	Landscape	12.05
LENNAR HOMES OF CA	Landscape	13.60
WATSON LAND COMPANY	Landscape	16.04
MAJESTIC CHINO GATEWAY	Landscape	17.05
Central Park Industrial PTNRS	Landscape	17.33
VIRAMONTES EXPRESS	Landscape	21.98
AMERICAN HONDA MOTOR CO INC	Landscape	25.31
National Distribution Center	Landscape	32.92
Dept. of Corrections State	Landscape	38.58
Chino Development Corporation	Landscape	65.64
Richardson, Don	Landscape	87.05
ALBERS MANUFACTURING INC	Landscape	0.03
Southern California Edison	Landscape	0.29
San Bdno County Fairgrounds	Landscape	9.65
College Park Community Assoc	Landscape	1.11
Standard Pacific	Landscape	2.00
City of Chino Ayala Park	Landscape	107.63
Evergreen at the Preserve (222671-2)	Landscape	0.06
MEF Realty LLC	Landscape	0.99

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Preserve Master Community	Landscape	1.63
W L Homes	Landscape	2.01
Jasmine Willows HOA	Landscape	2.10
College Park Community Assoc 1	Landscape	2.23
DR Horton	Landscape	3.02
Woodbury Neighborhood Association	Landscape	4.78
WESTERN NATION CONTRACTORS	Landscape	5.39
COLLEGE PARK COMMUNITES	Landscape	6.11
Evergreen at The Preserve	Landscape	7.41
College Park Community Assoc 2	Landscape	7.45
STANDARD PACIFIC OF OC	Landscape	7.65
AGAVE NEIGHBORHOOD ASSOCIATION	Landscape	7.97
Panattoni Construction	Landscape	9.25
SEACOUNTRY HOMES	Landscape	9.29
Preserve Master Corp	Landscape	15.26
Tetherwinds Neighborhood	Landscape	23.61
Sares Regis Vintage Apartments	Landscape	26.20
The Preserve Master Community	Landscape	26.64
Lewis Operating Corp	Landscape	29.77
Preserve Maintenance Corp	Landscape	30.11
KB Homes	Landscape	37.71
PRESERVE MASTER MAINTENANCE	Landscape	65.54
College Park Community Assoc	Landscape	85.10
LENNAR HOMES OF CA	Landscape	107.02
Chaffey College	Landscape	9.18
K-8 SCHOOL (PRESERVE)	Landscape	14.63
BIRCHWOOD & GREENBRIER COMM ASSOC	Landscape	1.42
Cal Trans	Landscape	1.51
Chino Development Corporation	Landscape	2.73
WELLESLEY NEIGHBORHOOD	Landscape	3.10
KB Homes	Landscape	3.54
Standard Pacific	Landscape	7.59
MONTE VISTA #3	Landscape	10.38
LENNAR HOMES OF CA	Landscape	12.56
STANDARD PACIFIC OF OC	Landscape	15.40
LEWIS OPERATING CORP	Landscape	20.50
UMA ENTERPRISES INC	Landscape	22.08
NMC BUILDERS LLC	Landscape	22.82
City of Chino	Landscape	169.87
Lewis Operating Corp	Landscape	2.33
HARPER CONSTRUCTION	Landscape	2.86
	Chino Landscape Usage	1550.69
	Chino Total Usage	7216.68

**APPENDIX C
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City of Chino Hills		
Customer Name	Usage Type	Value AF
Fullmer Construction	Construction	1.10
D'Vargas Construction	Construction	1.42
Fairfield Chino Hills LP	Construction	2.00
Jeremy Harris Construction Inc.	Construction	0.06
Standard Pacific	Construction	4.44
Standard Pacific	Construction	6.65
Avalonbay Communities, Inc.	Construction	8.71
Altfillisch Contractors	Construction	-16.53
Chino Hills Construction Usage		7.84
Circle K	Landscape	0.32
Pinehurst Hills Comm Assoc	Landscape	0.41
Vista San Juan/ C.C. Medical Center	Landscape	1.34
Country Club Market Place II	Landscape	1.49
Hyoung Corp	Landscape	1.88
Chino Hills Storage	Landscape	1.94
Dennys	Landscape	2.78
7-Eleven (15450 Fairfield Ranch Rd)	Landscape	3.41
Chino Hills Mall	Landscape	3.77
Chino Valley Community Church	Landscape	4.38
Albertsons	Landscape	4.40
City of Chino Hills	Landscape	5.76
Pine Corp Center (4274439)	Landscape	5.91
Pine Corp Center (4279489)	Landscape	11.18
DZ Properties, Inc.	Landscape	13.18
EGM Management	Landscape	18.94
Artisan	Landscape	31.59
Standard Pacific	Landscape	43.26
Chino Hills Business Park	Landscape	46.70
CVUFD	Landscape	0.09
Country Club Villa	Landscape	2.36
Vellano	Landscape	2.40
City of Chino Hills	Landscape	3.88
Standard Pacific	Landscape	4.01
Vellano Golf Course	Landscape	18.29
Los Serranos Golf Course	Landscape	292.31
Chino Valley Fire	Landscape	1.44
Sycamore Heights Comm Assoc	Landscape	0.31
Fairfield Chino Hills LP	Landscape	2.97
City of Chino Hills	Landscape	5.56
Chino Hills Community Center	Landscape	10.52
Rincon Park	Landscape	15.77
Big League Dreams	Landscape	47.27
Fairfield Chino Hills LP	Landscape	0.00
Fieldstone	Landscape	0.57
Lexington	Landscape	0.65
Sycamore Heights Comm Assoc	Landscape	1.36
BRE Properties	Landscape	6.52
Fairfield Ranch HOA	Landscape	6.75

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Los Serranos Ranch Comm. Assoc.	Landscape	9.19
Higgins Ranch Community	Landscape	10.21
Taylor Woodrow	Landscape	12.34
BRR HOA	Landscape	20.31
Centex	Landscape	23.56
Ridgegate HOA	Landscape	57.79
Vellano Homeowner	Landscape	115.21
New Vellano	Landscape	250.33
Chapparral Elem. School (4342912)	Landscape	7.62
Wickman Elem	Landscape	9.61
C.U.S.D.	Landscape	28.56
Natures Image Inc	Landscape	2.98
Cal Trans	Landscape	3.59
Ridgegate Neighborhood Assoc	Landscape	3.93
Felfam,Ltd	Landscape	8.69
Standard Pacific	Landscape	10.82
City of Chino Hills	Landscape	185.59
Chino Hills Landscape Usage		1,385.93
City of Chino Hills Total Usage		1,393.77

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Cucamonga Valley Water District (CVWD)		
Customer Name	Usage Type	Value AF
Lennar Homes (CVWD)	Construction	25.71
San Bernardino county flood control	Construction	0.19
CVWD Construction Usage		25.90
Prologis	Landscape	30.89
PSIP WR Etiwanda LLC	Landscape	27.02
O & S Holdings	Landscape	24.94
Bradshaw International, Inc	Landscape	24.21
Srathmore Maintenance Corp.	Landscape	21.35
Home Depot	Landscape	20.21
Hilemen Development Co.	Landscape	19.32
Bass Pro Shop	Landscape	18.76
Owens and Minor Distributing inc	Landscape	16.71
Cal Development LLC	Landscape	16.30
Victoria Gardens(Shea Homes)	Landscape	16.08
Exchange Professional Center	Landscape	15.71
CPT 6th & Cleveland LLC	Landscape	14.68
Frito Lay Inc.	Landscape	13.77
Cabot Industrial Trust	Landscape	11.61
Earth Basics	Landscape	11.34
CIP Real Estate	Landscape	10.56
Stadium Plaza South	Landscape	10.04
Market Place Properties	Landscape	9.67
Southern California Edison	Landscape	9.26
Life Way Church	Landscape	7.70
Stadium Plaza North	Landscape	7.50
pac r cucamonga lp	Landscape	6.86
Mission Business Center LLC	Landscape	6.85
O&S(Foothill Crossings)	Landscape	5.07
Richard Dick & Associates	Landscape	4.26
Rackafeller group	Landscape	3.25
DEDEAUX PROPERTIES LLC	Landscape	2.71
Facility Builders & Erectors	Landscape	2.13
ASAP power sports	Landscape	1.74
Vega Industries	Landscape	1.65
Comfort - Pedic Mattress USA	Landscape	1.61
CSF INC	Landscape	1.15
Milliken Hospitality LLC	Landscape	1.07
Stanley Steamers	Landscape	1.02
Toyota Motor Sales	Landscape	0.76
Wells Fargo Bank	Landscape	0.75
CalTrans	Landscape	0.74
Cal National Bank	Landscape	0.51
Murfco INC.	Landscape	0.45
Starbuck's Coffee	Landscape	0.33
Harrys Pacific Grill	Landscape	0.31
Oak Creek Ranch Golf Club Inc.	Landscape	289.16
City of Rancho Cucamonga	Landscape	0.49
City of Rancho Cucamonga	Landscape	0.15

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Goodman Rancho SPE, LLC	Landscape	39.26
Day creek aps	Landscape	33.08
The Hawthornes	Landscape	5.29
Alta Loma High School	Landscape	52.71
Etiwanda School District	Landscape	47.15
City of Rancho Cucamonga	Landscape	240.16
City of Fontana	Landscape	7.32
Haven Rock	Landscape	3.77
CVWD Recycled Water Useage (AF)	Landscape	0.14
Various	Landscape	0.07
CVWD Landscape Usage		1119.61
CVWD Total Usage		1145.50

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Inland Empire Utilities Agency (IEUA)		
Customer Name	Usage Type	Value_AF
ESCI	Industrial	3.47
Genon Energy Plant	Industrial	253.12
IERCF	Industrial	14.43
IEUA Industrial Total		271.02
Greenlee Nursery	Landscape	0.00
Chino Creek Park Evaporation	Landscape	122.84
IEUA Headquarters	Landscape	129.46
Chino Creek Wetlands and Educational Park	Landscape	17.76
IEUA Landscape Total		270.06
IEUA Total Usage		541.08

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Monte Vista Water District (MVWD)		
Customer Name	Usage Type	Value_AF
Montclair Hi School	Landscape	63.24
Saratoga Park	Landscape	39.37
Montclair Town Center	Landscape	25.59
Montclair Town Center	Landscape	4.27
Buena Vista Elem School	Landscape	25.18
Sunset Park	Landscape	20.60
Montclair Medical Center	Landscape	17.38
Monte Vista Elementary School	Landscape	12.13
Alma Hoffman Park	Landscape	11.91
Kingsley Elem School	Landscape	10.76
Kingsley Park	Landscape	10.38
Lehigh Elementary School	Landscape	9.80
Wilderness Basin Park	Landscape	8.38
Sunrise Park	Landscape	7.47
Library/City Hall	Landscape	6.16
City Hall	Landscape	3.28
Our Lady of Lourdes Church	Landscape	1.26
Demonstration Garden	Landscape	0.58
Monte Vista Water District	Landscape	0.57
Golden Girls Park	Landscape	0.00
Montclair Towncenter HOA	Landscape	0.00
	MVWD Landscape Usage	278.32
	MVWD Total Usage	278.32

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Ontario		
Customer Name	Usage Type	Value_AF
Rojo Farms	Agricultural	7.42
FRUIT GROWERS SUPPLY	Agricultural	21.02
Barth Farms	Agricultural	53.49
Yoog II Farm Inc.	Agricultural	101.98
Breezy Boots, Inc	Agricultural	105.93
LaBrucherie Farm	Agricultural	107.73
Legend Dairies (Petersma)	Agricultural	109.71
Bootsma Farm	Agricultural	137.61
Li Yuan Farms	Agricultural	203.57
Li Farm (Western Oriental Growers)	Agricultural	213.40
Cleveland Farm	Agricultural	238.08
GH Dairy	Agricultural	317.16
Murai Farm	Agricultural	327.88
GH Dairy	Agricultural	351.18
Cleveland Farm	Agricultural	615.72
Lewis Farms	Agricultural	702.18
Ontario Agricultural Usage		3614.05
The Realty Associates Fund X LP	Construction	0.29
City of Ontario Street Sweepers	Construction	1.24
Majestic Mgt CCC IV (Bldg. 6)	Construction	1.38
Tri Pointe Homes	Construction	1.51
NMC Builders LLC	Construction	1.79
SL Ontario Development Co	Construction	3.10
Advent Companies	Construction	4.44
Salsbury Engineering	Construction	5.47
Stice Company	Construction	19.20
James McMinn, Inc	Construction	101.49
STICE COMPANY INC	Construction	368.59
Ontario Construction Usage		508.50
Cintas	Industrial	87.14
New Indy Ontario	Industrial	866.95
Ontario Industrial Usage		954.09
Aladdin Industrial Corporation	Landscape	0.00
Diesel Emissions	Landscape	0.05
Kellogg Supply Inc.	Landscape	0.10
Parks Dept. (Holt Median W/O Vineyard)	Landscape	0.24
Panattoni Developement (03453746) 2250 S Archibald	Landscape	0.31
Top & Tech	Landscape	0.33
24 Hour Fitness	Landscape	0.36
Sierra Insulation	Landscape	0.45
Pacific Lewis Properties	Landscape	0.47
LBA Realty (4 meters)	Landscape	0.48
Dial Chemical	Landscape	0.55
Dura Coat Powder Coating	Landscape	0.59
Piemonte Business Park (04306405)	Landscape	0.60
BP West Coast Products,LLC #5965	Landscape	0.63
Khaloghli, Khosro	Landscape	0.68
Ontario Collision Center	Landscape	0.76

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M. Craitenberger	Landscape	0.78
Stein & Roitblat Living Trusts	Landscape	0.78
Cal Trans Do8 ONT	Landscape	0.79
Inland Empire Utilities Agency	Landscape	0.80
City of Ontario (Fire Station #6)	Landscape	0.81
So Cal Mechanical	Landscape	0.87
Just Do It 4 Less.Com LLC	Landscape	0.88
JMS Wineville	Landscape	0.88
CBWCD Ely Basin #3	Landscape	0.93
Acco America	Landscape	1.00
Roshan LLC (La Galleria at the Mills)	Landscape	1.05
Parks Dept. (Haven Parkway)	Landscape	1.09
Akzo Nobel Coatings (Haven B)	Landscape	1.17
Piemonte Business Park (04930593)	Landscape	1.23
Piemonte Business Park (04920427)	Landscape	1.27
LBA Realty (4 meters)	Landscape	1.41
CK Restaurants	Landscape	1.44
Brookfield Ontario Builders	Landscape	1.52
Castle Industries	Landscape	1.54
Woodside 055LP	Landscape	1.56
City of Ontario (Holt/Guasti East)	Landscape	1.61
Archibald Freeway Center Owners Assoc.	Landscape	1.66
Customized Distribution	Landscape	1.73
NMC Builders LLC	Landscape	1.74
Advanced Innovative Technology	Landscape	1.77
Caliber Collision	Landscape	1.83
Piemonte Business Park (04725037)	Landscape	1.88
SJC II/Fourth and Haven	Landscape	2.00
City of Ontario (Holt/Guasti West)	Landscape	2.04
Nexen Tire America Inc	Landscape	2.09
Target	Landscape	2.44
Mabela LP	Landscape	2.59
Comstock Homes	Landscape	2.64
Poseidon Ontario Airport Plaza	Landscape	2.76
KB Homes	Landscape	2.83
Concours Retail	Landscape	2.85
Haliburton	Landscape	2.85
Vineyard Industrial II, LLC	Landscape	2.87
Ontario Convention Center (North)	Landscape	2.87
Piemonte 5-story	Landscape	2.96
Brookfield Land Const	Landscape	2.96
Majestic Management	Landscape	3.05
Ont Indusruial Partn	Landscape	3.18
Haven Ave LLC	Landscape	3.23
Wella Mfg	Landscape	3.25
Chevron Land	Landscape	3.38
Hino Motor Manufacturing	Landscape	3.42
Park Place Master Community Assoc	Landscape	3.72
Golden State Container	Landscape	3.94
G & K Services	Landscape	3.98

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Warmington Residential Comm. (04748546)	Landscape	3.98
Piemonte Business Park (04934728)	Landscape	3.99
Vineyard Industrial II, LLC	Landscape	4.03
Panattoni Development (Best Buy)	Landscape	4.16
Niagara Water	Landscape	4.16
City of Ontario (4th/Milliken Parkway)	Landscape	4.17
T S Express	Landscape	4.29
Ruth Group	Landscape	4.33
Archibald & Philadelph (03624103) 2260 S Archibald	Landscape	4.62
Flags Importer	Landscape	4.77
Bedford Properties	Landscape	4.86
Parks Dept. (Galanis Park)	Landscape	5.08
Archibald Freeway Center Owners Assoc.	Landscape	5.09
Ontario Lodging Associates LLC	Landscape	5.32
Lord Baltimore Properties	Landscape	5.42
HMC Architects	Landscape	5.47
OM Guasti	Landscape	5.55
Brookfield Land Const	Landscape	5.77
Mercedes Benz of Ontario	Landscape	6.09
Concours Plaza	Landscape	6.82
Camden Development Inc	Landscape	7.11
Lennar Homes	Landscape	7.33
RYLAND HOMES OF CA	Landscape	7.51
Ontario Commerce Park	Landscape	7.85
Vintage Apts.	Landscape	7.87
NMC Builders LLC	Landscape	8.21
Ferrari Corporate Center LLC	Landscape	8.28
Camden Development Inc	Landscape	8.44
CCC-N	Landscape	8.53
Dorthy Gibson Continuation School	Landscape	8.64
Vina Danks Junior High	Landscape	9.58
Kohls	Landscape	9.80
Brookfield Land Const	Landscape	10.11
Stratham Communities	Landscape	10.39
City of Ontario	Landscape	10.52
Grove Memorial Park	Landscape	10.70
Airport Corp. Center @ Centrelake	Landscape	11.83
Tri Pointe Homes	Landscape	12.33
Walmart	Landscape	12.40
Del Norte Elementary School	Landscape	13.13
Vineyard Park	Landscape	13.80
City of Ontario	Landscape	14.68
Brookfield Land Const	Landscape	15.34
Kaiser	Landscape	15.59
Shelby Office Park (PDEV04-006)	Landscape	16.05
Corona Elementary School (OMSD)	Landscape	16.10
Ont/Mont School Dist - Elem School	Landscape	16.12
Parkside Ontario Community Assoc	Landscape	16.16
Ont Convention Center	Landscape	16.68
Ontario Motor Speedway Park	Landscape	17.05

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Ontario Health Education	Landscape	17.88
Cal Trans Do8 ONT	Landscape	18.55
Empire Towers	Landscape	19.48
Brookfield Ontario Builders	Landscape	19.81
Parks Dept. (Veterans Park)	Landscape	20.25
Pier 1 Imports	Landscape	22.15
Ontario Airport Center	Landscape	22.58
Pancal Portfolio, LLC	Landscape	24.45
Doubletree	Landscape	25.06
Ontario Montclair School Dist.	Landscape	25.43
Chaffey High School (Valley View)	Landscape	25.93
Mathis Brothers Furniture	Landscape	25.94
Parks Dept. (Galvin Park West)	Landscape	26.93
Centrelake Assn	Landscape	28.10
California Commerce Center	Landscape	31.19
Galvin Park	Landscape	31.38
Calif Com Cntr Owners (North)	Landscape	32.54
Ontario Center (Founders Garden)	Landscape	34.13
Chaffey High School	Landscape	34.81
Prologis California	Landscape	37.11
City of Ontario (Soccer Complex)	Landscape	42.24
CCC-S	Landscape	42.37
Vineyard STEM School	Landscape	45.53
SL Ontario Development Co	Landscape	46.57
Munoz Park	Landscape	50.67
Westwind Park	Landscape	56.22
AEG Ontario Arena	Landscape	59.16
Toyota	Landscape	59.97
CalTrans	Landscape	65.34
Majestic Reality	Landscape	70.45
CCC-N	Landscape	74.24
Chevron Land	Landscape	99.47
Guasti Park	Landscape	103.15
Bellevue Cemetary	Landscape	120.98
Whispering Lakes Golf Course	Landscape	475.17
	Ontario Landscape Usage	2489.79
	Ontario Total Usage	7566.42

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Recharge Basins		
Customer Name	Usage Type	Value_AF
RP-3	Recharge	3282.00
Banana Basin	Recharge	2106.00
Turner Basin	Recharge	1958.00
7th & 8th Street	Recharge	1470.00
Brooks Basin	Recharge	1215.00
Ely Basin	Recharge	1012.00
Declez Basin	Recharge	969.00
Victoria Basin	Recharge	635.00
Hickory Basin	Recharge	575.00
San Sevaine No. 5	Recharge	0.00
Recharge Basins Total		13222.00

San Bernardino County		
Customer Name	Usage Type	Value_AF
El Prado Park	Landscape	373.33
El Prado Golf Course	Landscape	162.78
SBCO Landscape Usage		536.11
SBCO Total Usage		536.11

Upland		
Customer Name	Usage Type	Value_AF
Garrison Foothill Nursery	Agricultural	0.43
Tolle Nursery	Agricultural	2.32
Upland Agricultural Usage		2.75
Cal - Trans	Construction	3.72
Upland Construction Usage		3.72
Drydock Depot	Landscape	2.13
SCE	Landscape	5.01
San Antonio Hospital	Landscape	9.49
Upland Hills Country Club	Landscape	370.29
Western Inn	Landscape	2.30
Bouquet Estates	Landscape	7.50
City of Upland / Sierra Vista Park	Landscape	17.29
City of Upland / Memorial Park	Landscape	72.21
Upland Meadows Estates	Landscape	8.83
Mountain View Estates	Landscape	17.30
Upland Unified School District	Landscape	2.47
Upland JR H.S.	Landscape	14.07
Sierra Vista Elementary	Landscape	16.66
Upland Elementary	Landscape	19.38
Foothill Knolls Elementary	Landscape	25.60
San Antonio Hospital	Landscape	1.58
City of Upland	Landscape	120.20
Upland Landscape Usage		712.32
Upland Total Usage		718.78

