Recycled Water FY 2009/10 Annual Report

Water Smart~Thinking in Terms of Tomorrow

Inland Empire Utilities Agency
A MUNICIPAL WATER DISTRICT

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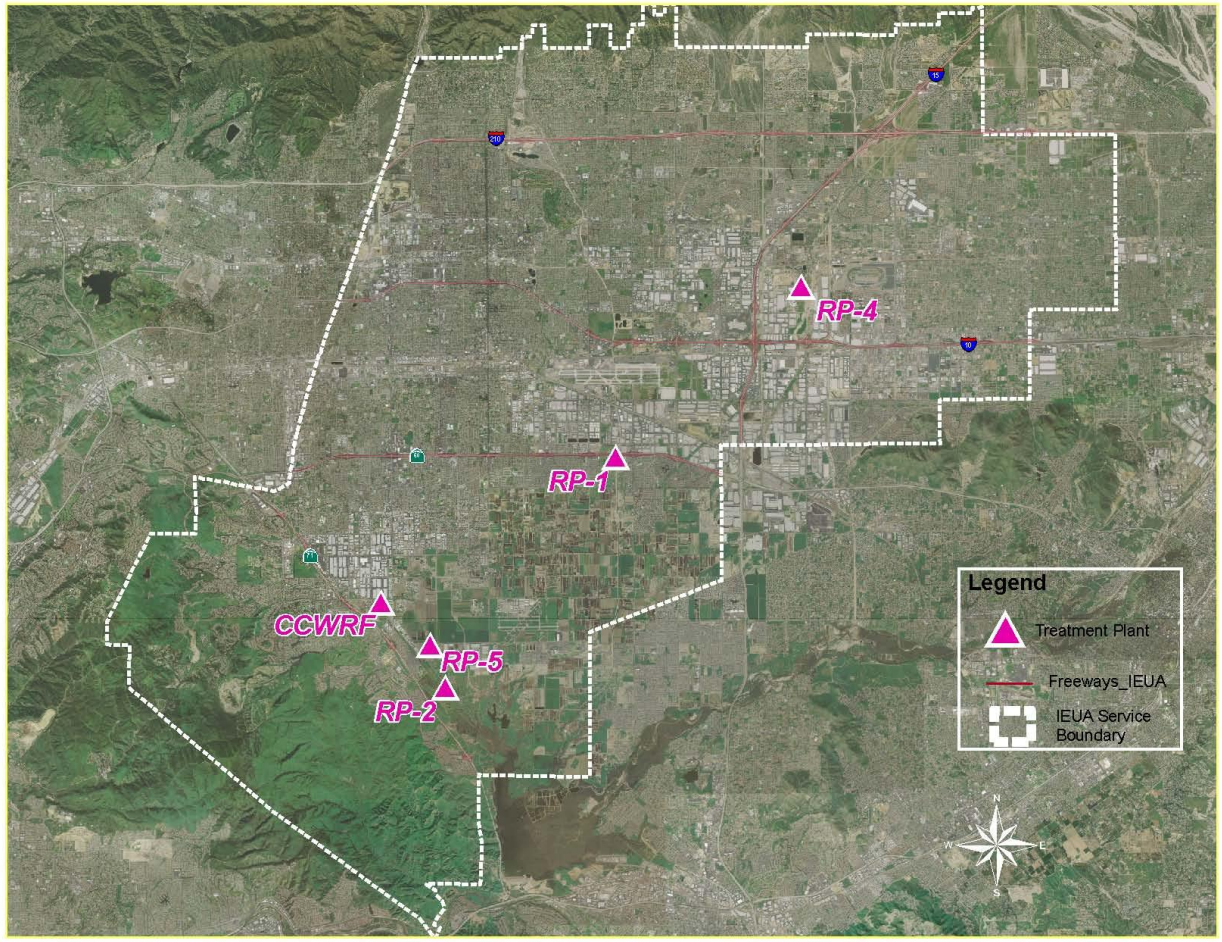
OVERVIEW

The Inland Empire Utilities Agency (IEUA) owns and operates five water recycling treatment facilities, of which four produce recycled water. These facilities serve over 850,000 people in seven cities. IEUA serves its seven member agencies: Cities of Chino, Chino Hills, Fontana, Montclair, Ontario and Upland and Cucamonga Valley Water District.



RECYCLED WATER SALES:

During the fiscal year 2009/10, the average recycled water supply from IEUA's facilities was approximately 56 million gallons per day (MGD). Recycled water demand for direct use and recharge purposes was approximately 33 percent of the available supply. During the summer peak months, the recycled water demand is over 70 percent of the available supply.

Of the 56 MGD or 62,600 AFY of recycled water produced during the fiscal year, 24,500 acre feet per year (AFY) were actively reused for a variety of applications including landscape irrigation, agricultural irrigation, industrial process water, and groundwater recharge. The usage is categorized in Figure 1.

Type of Usage	Demand for FY 09/10 (AFY)
Recharge	7,208
Landscape	7,518
Agricultural	9,009
Industrial	772
Total Demand (AFY):	**24,507**

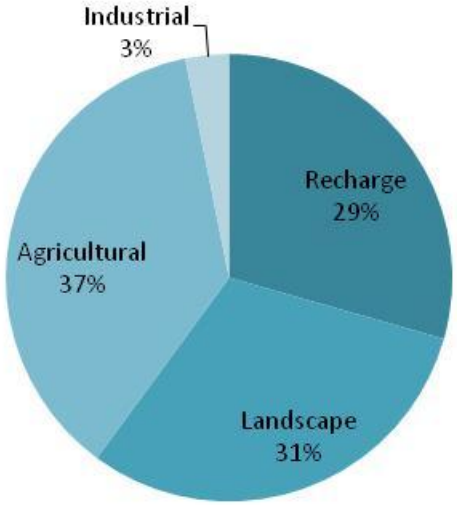


Figure 1: FY 2009-10 Recycled Water Use Categories

Recycled water sales during FY 2009/10 was over 24,500 acre-feet (AF), an increase by over 27 percent from the previous fiscal year sales. A summary of the history of the recycled water sales is provided in Figure 2.

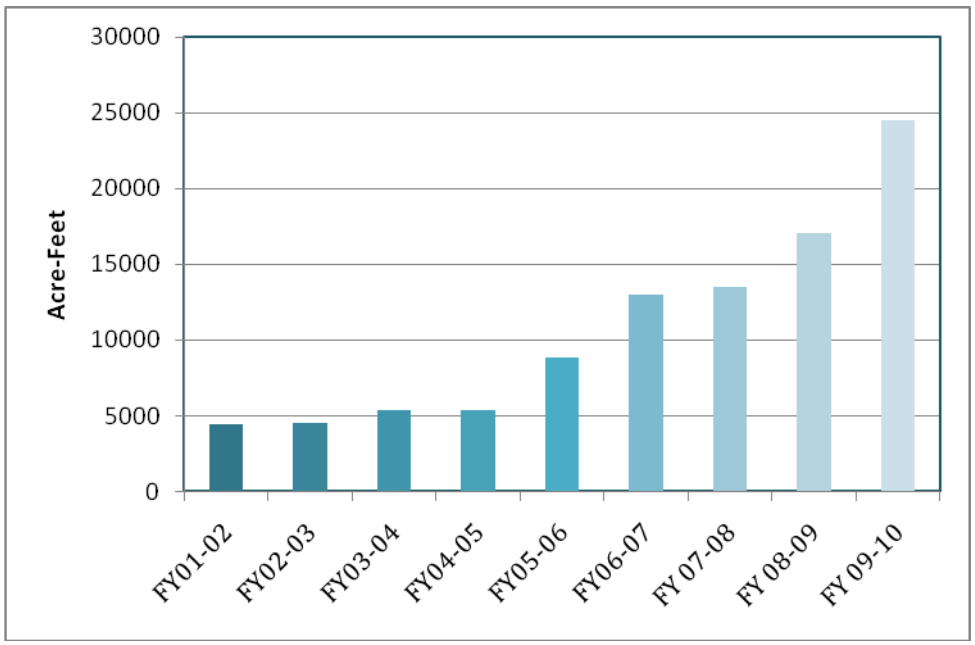


Figure 2: History of RW Sales

During FY 09-10 83 new users, with a new connected demand of 5,390 AFY were connected to the recycled water system. Connected demand is the anticipated annual usage based on acreage of land and previous potable water usage history. The steady increase in the recycled water customers to the distribution system could be attributed to the aggressive Three Year Business Plan that was launched by the Agency in 2007, with support from its Member Agencies. History of the recycled water users and associated demand for the fiscal year is provided as Appendix D.

The amount of groundwater recharged every year varies based on different factors, mostly depending on the amount and timing of rainfall, maintenance activities in the basins, and available diluent water. Summary of groundwater recharge and direct use sales of recycled water is provided in Figure 3.

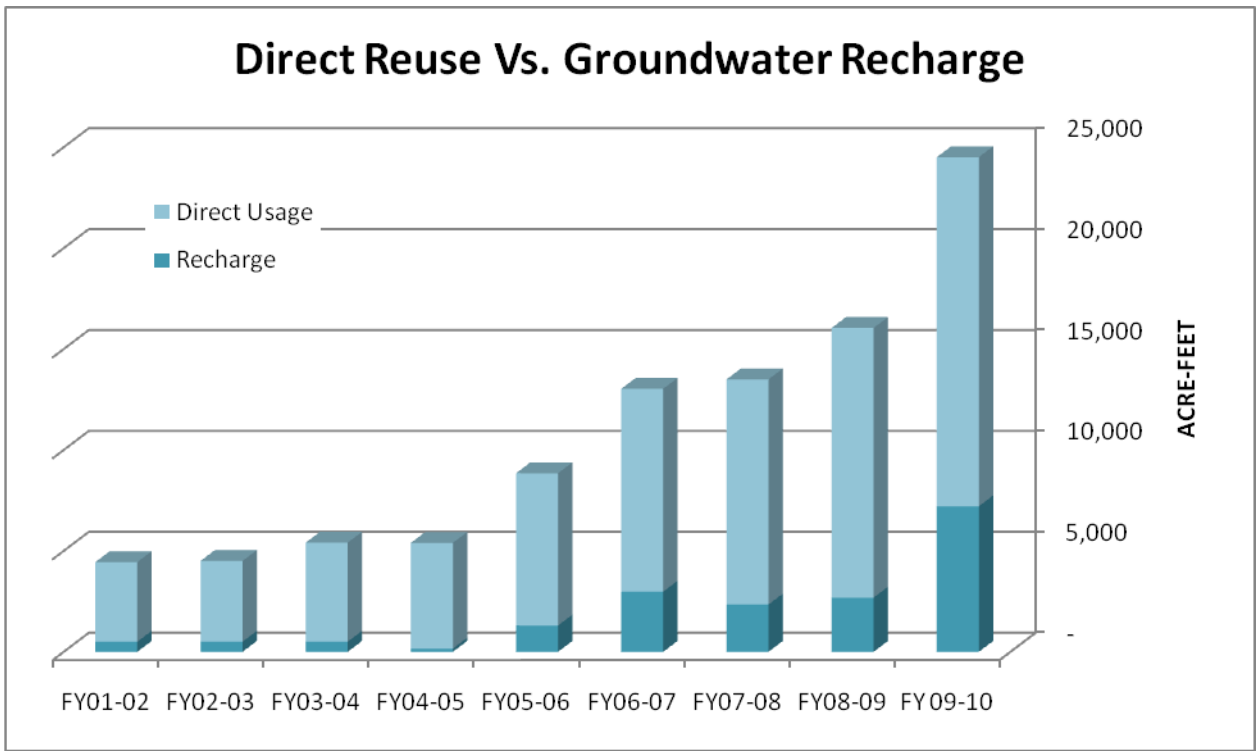


Figure 3: Summary of Groundwater Recharge and Direct Use of Recycled Water

The top ten largest direct reuse sites, excluding groundwater recharge, for the fiscal year are provided below:

SITE	TYPE OF USE	ACRE FEET
El Prado Regional Park	Landscape Irrigation	1030
Cleveland Farm #2	Agricultural Irrigation	970
C W Farm IV	Agricultural Irrigation	800
Nyenhuis Dairy	Agricultural Irrigation	761
Samuel Lewis	Agricultural Irrigation	649
Reliant Energy	Industrial	618
C W Farm I	Agricultural Irrigation	579
Whispering Lakes Golf Course	Landscape Irrigation	558
Cleveland Farms	Agricultural Irrigation	515
LaBrucherie Farms	Agricultural Irrigation	498
TOTAL USE		**6,978**

Table 1: Top 10 Recycled Water Customers for FY 09-10

ECONOMIC AND ENVIRONMENTAL IMPACTS

The wholesale rate for recycled water to IEUA's member agencies from July to August 2009 was $66/AF for both direct usage and recharge and September 2009 to June 2010 was $75/AF for direct usage and $85/AF for recharge. Table 3 in the 'Retail Purveyors' section of the report compares selected potable water rates and recycled water rates, illustrating the savings realized by the end users.

The 24,507 AFY of recycled water reused during the fiscal year is the equivalent of the water supply for roughly 25,500 homes. The use of locally produced recycled water reduces the need to pump State Project water over the Tehachapi Mountains at a net energy demand reduction of 2,657kilowatt-hours (kWh) per acre-foot, or an overall reduction of approximately 79 percent in carbon dioxide emissions.

SUMMARY

Of the 62,600 AFY wastewater treated, 100% met the most stringent Department of Public Health Title-22 water quality standards. 24,507 AFY was used for direct sales or groundwater recharge. 83 new sites were connected during the fiscal year, with an additional connected demand of 5,390 AFY for the fiscal year.

Final effluent quality for each of the Agency's treatment plants are provided in Appendix A thru C. All of the current recycled water users and their usage are presented in Appendix D.

HISTORY

Early water recycling efforts in the 1970s by the Agency involved the Whispering Lakes Golf Course adjacent to RP-1 in Ontario and 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 Carbon Canyon Water Recycling Facility (CCWRF) and Regional Plant No. 4 (RP-4). These two recycling plants were sited specifically at higher elevations to reduce recycled water pumping costs. A backbone 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 in Cucamonga Creek. The RP-4 Outfall was designed as a pressurized system so that water could be pumped from RP-1 to RP-4 as well as flow in the opposite direction.

In the late 1990's, IEUA began to implement 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 regions efforts (including IEUA) to implement the OBMP. Ordinance No. 69 was adopted in May 2000.

The IEUA Board of Directors also adopted Ordinance No. 75 in 2002, the Agencies Mandatory Use Ordinance. Also in 2002, the CBWM, Chino Basin Water Conservation District (CBWCD), the San Bernardino County Flood Control District (SBCFCD) and IEUA joined forces to greatly expand groundwater recharge capacity. The surface spreading operation significantly enhances storm water conservation and replenishment with imported and recycled water. Intense focus continues today on developing the recycled water supply. In December, 2007, the IEUA Board of Directors approved an aggressive Three Year Business Plan that calls for 50,000 acre feet of connected demand of recycled water by 2013.

TREATMENT PLANTS

The Agency owns and operates five regional water recycling facilities: Regional Plant No.1 (RP-1), Regional Plant No. 2 (RP-2), Regional Plant No. 4 (RP-4), Regional Plant No. 5 (RP-5), and Carbon Canyon Water Reclamation Facility (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 capacity of the remaining four plants is 84 MGD.

Regional Water Recycling Plant No. 1

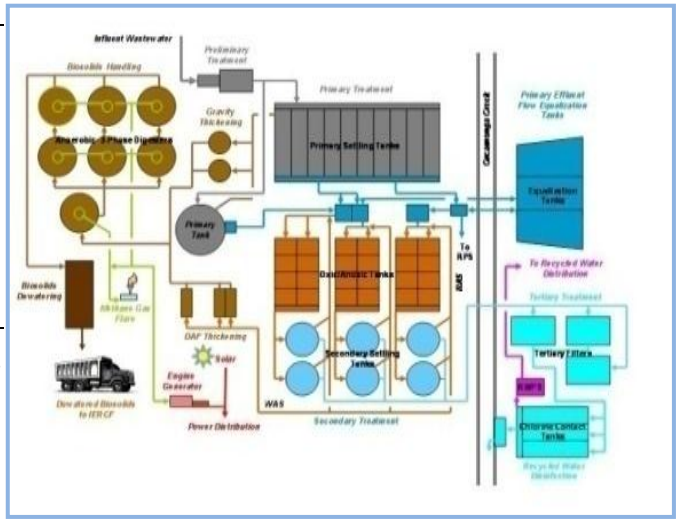
Regional Water Recycling Plant No. 1 (RP-1) is located in the City of Ontario near the intersection of California State Route 60 and Archibald Avenue. This facility was originally commissioned in 1948 and has undergone several expansions to increase the design of wastewater treatment capacity to the current 44.0 MGD and Biosolids treatment capacity equivalent to a wastewater flow rate of 60.0 MGD. This facility serves the Cities of Ontario, Rancho Cucamonga, Upland, Montclair, Fontana and an unincorporated area of San Bernardino County.

Plant Description

RP-1 includes several treatment processes that contribute to providing quality recycled water pursuant to the State of California Title 22 regulations. The major treatment processes include preliminary and primary treatment, primary effluent flow equalization and diversion, secondary treatment, tertiary treatment and biosolids treatment as illustrated in the figure below.

Plant Capacity:	***44 MGD***
Influent Flow:	***29.4 MGD***
Water Reused:	***19 MGD****
Creek Discharge:	***21.4 MGD****

RP-1 and RP-4 have a combined effluent; therefore, the usage and creek discharge reported are for the two plants combined

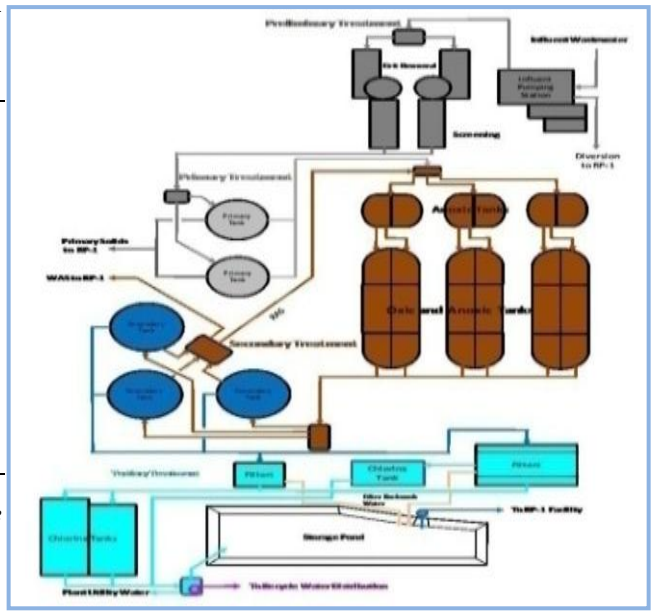


Regional Water Recycling Plant No. 4 (RP-4)

Located in the City of Rancho Cucamonga, the Regional Water Recycling Plant No. 4 (RP-4) has been in operation and producing recycled water since 1997. RP-4 treats an average flow of 11 million gallons per day and is operated in conjunction with RP-1 to provide recycled water to users. The RP-4 facility was recently expanded from its capacity of 7 MGD to 14 MGD. This facility serves portions of Rancho Cucamonga, Fontana and unincorporated areas of San Bernardino County.

Plant Description

RP-4 includes several treatment processes that contribute to providing quality recycled water pursuant to the State of California Title 22 regulations. The major treatment processes include raw wastewater pumping, preliminary and primary treatment, secondary treatment and tertiary treatment as illustrated in the figure below. Tertiary water that is not utilized for direct sales or groundwater recharge is discharged to the creek at RP-1 from RP-4.



Plant Capacity:	***14 MGD***
Influent Flow:	***11 MGD***
Water Reused:	***19 MGD****
Creek Discharge:	***21.4 MGD****

****RP-1 and RP-4 have a combined effluent; therefore, the usage and creek discharge reported are for the two plants combined.***

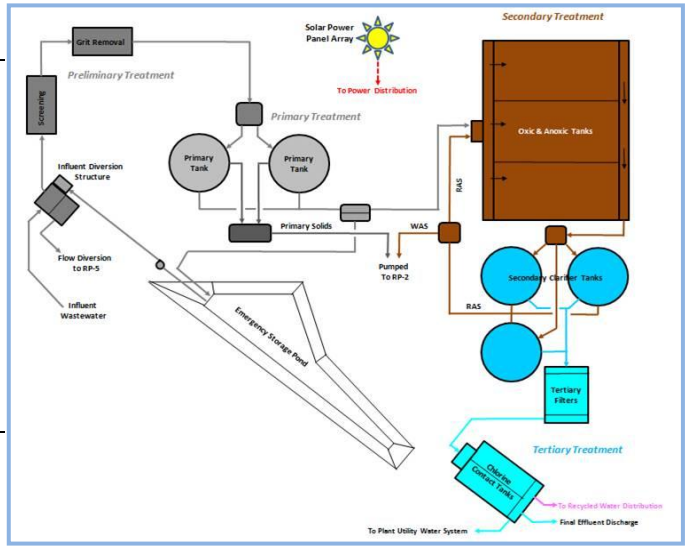
Carbon Canyon Water Recycling Facility (CCWRF)

Carbon Canyon Water Recycling Facility (CCWRF), located in the City of Chino, has been in operation since May 1992. The $46-million facility works in tandem with Regional Plant No. 2 (RP-2) and serves the areas of Chino, Chino Hills, Montclair and Upland. Liquids are treated at CCWRF, while the solids removed from the waste flow are treated at RP-2. CCWRF treats an annual average flow of 9.5 MGD.

Plant Description

CCWRF includes several treatment processes that contribute to providing quality recycled water pursuant to the State of California Title 22 regulations. The major treatment processes include raw wastewater pumping, preliminary and primary treatment, primary effluent flow diversion, secondary treatment and tertiary treatment as illustrated in the figure below.

Plant Capacity:	***11.4 MGD***
Influent Flow:	***8.1 MGD***
Water Reused:	***1.7 MGD***
Creek Discharge:	***4.7 MGD***



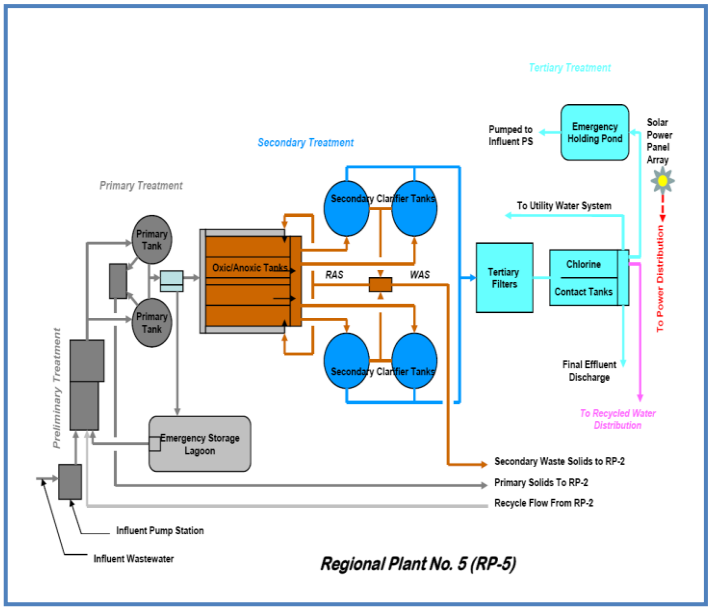
Regional Water Recycling Plant No. 5 (RP-5)

Regional Water Recycling Plant No. 5 (RP-5), located in the City of Chino, has been in operation since March 2004. RP-5 serves the areas of Chino, Chino Hills, Montclair, Ontario, and Upland. Liquids are treated at RP-5, while the solids removed from the waste flow are treated at RP-2. RP-5 treats an annual average flow of 12 MGD.

Plant Description

RP-5 includes several treatment processes that contribute to providing quality recycled water pursuant to the State of California Title 22 regulations. The major treatment processes include raw wastewater pumping, preliminary and primary treatment, secondary treatment, and tertiary treatment as illustrated in the figure below.

Plant Capacity:	***15 MGD***
Influent Flow:	***7.4 MGD***
Water Reused:	***0.4 MGD***
Creek Discharge:	***8.0 MGD***



Regional Plant No. 5 (RP-5)

CURRENT RECYCLED WATER CAPITAL PROGRAM

The IEUA currently produces over 60 million gallons per day of recycled water, and there are several projects under way to expand the use of recycled water within its service area. These projects and the location of the capital projects are shown in Table 2. Details of the projects that were in design or construction during FY 09/10 are summarized below.

Table 2: Summary of Recycled Water Capital Program

Completed Projects	Location	Project Cost	Grants	Schedule
San Antonio – Pipeline B	Ontario & Montclair	$10 M	$2.6 M	Complete
1158/1270 Pump Station	Rancho Cucamonga	$10 M	$6.3 M	Complete
1158 Pipeline – A & B	Rancho Cucamonga	$4 M		Complete
RP-4 1158 Reservoirs	Rancho Cucamonga	$6 M		Complete
NE Area Projects	Rancho Cucamonga & Fontana	$24 M	$11.2 M	Complete
RP-5 RWPS Expansion	Chino	$1.5 M		Complete
Total Completed Projects		**$55.5 M**	**$20.1 M**	

Projects in Design/Planning	Location	Project Cost	Grants	Schedule
NW Area Projects	Ontario, Rancho Cucamonga & Upland	$24 M	$8 M	Fall 2011
Southern Area Projects	Chino & Chino Hills	$21 M		Pending Approval
Central Area Projects	Ontario & Fontana	$13 M		Pending Approval
Total Projects Design/Planning		**$60 M**	**$8 M**	

PROJECTS CONSTRUCTED in FY 09/10

RP-5 Recycled Water Pump Station Expansion – the RP-5 Utility Water Pump Station needs to be upgraded to insure that the maximum supply from RP-5 is supplied to the recycled water distribution system. ***Status: Project was completed May 2010.***

Northeast Area Regional Recycled Water Facilities – The project includes the construction of the 1299 E Recycled Water Pipeline, 1630 E Recycled Water Pipeline Segment A, 1299 E Reservoir Conversion, 1630 E Recycled Water Pump Station, Installation of Three Monitoring Wells and Two Lysimeter Clusters. The projects were completed in Summer 2010.

The 1299 E Pipeline consists of the construction of a 36-inch diameter recycled water pipeline approximately 12,700 feet in length that will convey recycled water from the northern end of the North Etiwanda Pipeline, located at the intersection of Etiwanda Avenue and Arrow Route, in the city of Rancho Cucamonga, to the 1299 East Recycled Water Reservoir site.

The **1630 E Pump Station and the Conversion of the 1299 E Reservoir** projects consists of the purchase and modification of the existing 1299 reservoir (3.5 million gallon potable water reservoir) and the construction of a new recycled water pump station. The new pump station will include the installation of approximately 1,200 total horsepower.

The **1630 E Segment A** project consists of the construction of a 36-inch diameter recycled water pipeline approximately 12,700 feet in length that will convey recycled water from the 1299 E Reservoir site, located at CVWD's 1C Reservoir site to San Sevaine Basin Number 5 (a SBCFCD detention basin), located north of the intersection of the 210 and 15 Freeways, in the city of Rancho Cucamonga.

The **Church Street Lateral** consists of the construction of approximately 4,200 linear feet of 12-inch diameter recycled water pipeline that will convey recycled water westerly from the 1630 E Segment A Pipeline, located at the intersection of Baseline Road and East Avenue, to the intersection of Etiwanda Avenue and Church Street, in the City of Rancho Cucamonga. The Church Street lateral will serve customers in the City of Rancho Cucamonga area in the 1430 pressure zone with an estimated recycled water demand of 200 to 400 AFY.

The primary use of recycled water from the Regional Facilities will be groundwater recharge at the Victoria and San Sevaine Basins, at an estimated recycled water demand of 4,500 to 10,000 AFY.

The project also includes the installation of three monitoring wells. **Monitoring wells** are installed into the regional water table (400- to 700-feet deep) at and down gradient of the recharge basins. Monitoring wells are used to collect water from the saturated sediments using a pump. Monitoring well samples are used to identify the arrival of recycled water at a well, and thus allow estimation of underground travel time following recharge. **Lysimeters** are installed in the shallow soil (5 to 35 feet deep) beneath a recharge basin and allow water samples to be collected as recycled water recharge percolates downward under the pull of gravity.

PROJECTS IN PLANNING/DESIGN IN FY 09/10

Northwest Area Regional Recycled Water Facilities – The project will design and construct Regional Recycled Water Facilities (Pipeline, Pump Station and Reservoir) and local laterals; the project will serve recycled water primarily to customers in the City of Upland and Cucamonga Valley Water District.

The **1630 West Pump Station** project is located at Vineyard Park in the City of Ontario near Sixth Street and Baker Ave. The pump station will utilize three 250 horsepower pumps to boost recycled water from the 1299 pressure zone to the 1630 zone.

The **1630 West Recycled Water Pipeline- Segment A** consists of the construction of approximately 10,500 linear feet of 24-inch diameter recycled water pipeline that will convey recycled water from the 1630 West Recycled Water Pump Station in the City of Ontario to the Memorial Park in the City of Upland. Segment A is one of three segments of pipe which will serve as the backbone for transporting water from the 1299 to the 1630 pressure zone.

The **1630 West Recycled Water Pipeline- Segment B** consists of the construction of approximately 13,000 linear feet of 24-inch diameter recycled water pipeline. The 1630 West Recycled Water Pipeline, Segment B, is the second portion of the Regional Pipeline that will serve as a backbone to transport water from the 1299 Pressure Zone to the 1630 Pressure Zone. This pipeline will start at the terminus of the 1630 West Recycled Water Pipeline, Segment A, and terminate in Baseline Road on the border of the Cities of Upland and Rancho Cucamonga.

The **1630 West Recycled Water Pipeline- Segment C** consists of the construction of approximately 7,700 linear feet of 30-inch diameter and 800 linear feet of 24-inch diameter recycled water pipeline that will convey recycled water from the terminus of the 1630 West Recycled Water Pipeline, Segment B, to the 1630 West Recycled Water Reservoir Site and Red Hill Park in the City of Rancho Cucamonga. The 1630 West Recycled Water Pipeline, Segment C, is the third portion of the Regional Pipeline that will serve as a backbone to transport water from the 1299 Pressure Zone to the 1630 Pressure Zone.

The **1630 West Recycled Water Reservoir** project consists of the construction of one three (3) million gallon recycled water reservoir at the existing CVWD site located at the northwest corner of the intersection of 19th and Sapphire Streets.

Status: Beginning construction. The projected completion date for the project is September 2011.

Southern Area Regional Recycled Water Facilities – The project will design and construct Regional Recycled Water Facilities (Pipeline and Reservoir); the project will primarily serve customers located in the Cities of Chino and Chino Hills. ***Status: 50% Design.***

Turner Basin Turnout Projects – The Turner Basins are capable of receiving up to 10 cubic feet per second of recycled water flow for ground water recharge. The existing recycled water recharge facilities at the Turner Basins are not capable of fully utilizing the basins potential. Two projects are currently underway to expand the recharge capabilities at Turner Basins.

> **Temporary Turner Basin Turnout**- A temporary project will be constructed to supply additional water to the basins in the short term by installing a 4 inch PVC pipeline. The project design and construction schedule is much shorter than the permanent solution and will allow supplemental water to be supplied to the basins while the permanent facility is being designed and constructed. ***Status: Design is complete and finalizing permits. Expected construction award is in January 2011.***
>
> **Turner Basin Turnout Capacity Improvements-** This project is the long term, permanent solution to the recharge limitations at the Turner Basins. The turnout will be approximately 200 linear feet of 20 inch steel pipe and supply 10 cubic feet per second of water to the basins. An automated control valve and flow metering will also be provided. In order to equally supply all 4 of the recharge basins at the site a bypass must also be constructed underneath the Deer Creek Channel. ***Status: Preliminary Design Stage. Design completion expected in July 2011.***

The **Wineville Extension Recycled Water Pipeline** includes 4.6 miles of 24 inch pipe which will primarily build the Regional Recycled Water distribution system in the southern part of the City of Fontana and the eastern part of the City of Ontario. The pipeline will allow for the connection of commercial, industrial customers, parks and schools within the cities of Ontario and Fontana and also utilize RP-3 and Declez Basins for Recycled Water recharge. ***Status: Preliminary Design. Expected design completion in November 2011.***

FUTURE REUSE PROJECTS

IEUA and its Member Agencies will make every effort to use available recycled water wherever appropriate, as well as make an effort to increase the use of recycled water within the agencies' boundaries. By committing to the Three Year Business Plan, the implementation of recycled water projects will be coordinated with all agencies within the Chino Basin area. This will increase the delivery of recycled water quickly to ensure reliable supplies to avoid shortages to residents and customers. This will allow IEUA and its Member Agencies to continue to provide a reliable water supply to its customers in the future when shortages of imported supplies could be over a multiple year period.

Several recycled water distribution projects throughout the Agency's service area are in various stages of development. The projects will allow for the expanded use of recycled water in the range of 5,000 AFY.

RETAIL PURVEYORS

IEUA is the wholesale recycled water provider to its Member Agencies, who in turn are the retail agencies that directly serve its customers. The member agencies at present which serve recycled water to its customers include:

- City of Chino
- City of Chino Hills
- City of Ontario
- Cucamonga Valley Water District
- Monte Vista Water District

Cities of Upland and Fontana have not yet started recycled water deliveries to their customers, and therefore have not yet established rates for recycled water.

IEUA's wholesale recycled water rate to its member agencies for FY 2009/10 was $75 per acre-feet for direct use and $85 per acre-feet for groundwater recharge. The retail agencies' recycled water rates are summarized below in Table 3.

City of Ontario			
	Usage (HCF)		Rate
Potable Water	Up to 15		$2.16
			$2.72
	Over 15		$2.51
			$3.08
Recycled Water	Up to 1000		$1.30
	Over 1000		$1.19
City of Chino			
	Usage (HCF)		Rate
Potable Water	1		$1.17
Recycled Water	1		$0.41
City of Chino Hills			
	Zone	Usage (HCF)	Rate
Potable Water	Low	0-12	$1.46
		13-35	$1.65
		35-Higher	$2.00
Potable Water	Interim	0-12	$1.74
		13-35	$1.93
		35-Higher	$2.29
Potable Water	High	0-12	$1.77
		13-35	$1.94
		35-Higher	$2.32
Recycled Water	Low	0-12	$1.13
	Interim	13-35	$1.35
	High	35-Higher	$1.40
MVWD			
	Zone	Usage (HCF)	Rate
Potable Water	N/A	1	$1.52
Recycled Water	N/A	1	1.139
CVWD			
Potable Water	Usage (HCF)		Rate
	Tier 1 (0-10)		$1.40
	Tier 2 (11-40)		$1.60
	Tier 3 (41-100)		$1.80
	Tier 4 (>100)		$2.00
Recycled Water			$1.28

Table 3: Potable and Recycled Water Rates by Purveyor

APPENDIX A

Recycled Water and Effluent Monitoring
and Compliance Data

RP-1 (M-001A* & M-001B) Effluent Monitoring Data — **Table No. 3a**

	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
Date	MGD			µmhos/cm			unit			mg/L			%	mg/L			%	mg/L			mg/L			mg/L			mg/L			mg/L		
Limit>>>							6.5 -8.5			20			15	20			15													4.5		
Jan-09	7.3	5.6	8.1	789**	745**	835**	7.4	7.4	7.6	2	2	2	0.7	1	<1	2	0.3	8.1	6.7	10.2	489	464	508	6.5	4.6	7.6	-	-	-	<0.2	<0.1	0.4
Feb-09	7.8	5.0	9.4	732**	680**	830**	7.6	7.3	7.6	<2	<2	<2	0.6	<1	<1	<1	0.3	6.3	4.7	7.3	452	424	478	7.9	7.1	8.8	-	-	-	<0.1	<0.1	<0.1
Mar-09	4.9	0.0	8.3	751**	730**	775**	7.7	7.5	7.8	<2	<2	<2	0.7	<1	<1	2	0.4	7.4	6.6	9.2	494	472	518	7.4	5.3	8.6	-	-	-	<0.1	<0.1	<0.1
Apr-09	4.7	4.0	6.5	766**	740**	805**	7.8	7.7	7.9	2	2	2	0.9	2	<1	3	0.4	7.9	5.2	9.3	505	482	526	7.1	5.2	8.2	-	-	-	<0.1	<0.1	<0.1
May-09	4.9	4.2	5.9	753**	735**	780**	7.4	7.0	8.0	<2	<2	<2	0.8	2	<1	6	1.0	7.8	6.9	8.9	494	479	512	6.4	5.2	8.2	-	-	-	<0.1	<0.1	<0.1
Jun-09	4.6	3.3	5.6	760**	735**	785**	7.1	7.0	7.3	2	2	2	0.9	<1	<1	2	0.4	8.6	7.1	10.3	498	480	514	6.3	5.0	7.6	-	-	-	<0.1	<0.1	<0.1
Jul-09	4.3	3.7	5.1	967	695	1,239	7.2	6.9	7.5	2	<2	3	0.7	<1	<1	3	0.2	8.4	6.9	9.9	513	504	528	5.5	2.7	7.5	7.3	4.9	8.8	<0.1	<0.1	<0.1
Aug-09	4.2	1.9	5.4	1,129	1,068	1,161	7.2	6.7	7.5	<2	<2	<2	0.6	<1	<1	2	0.2	5.0	4.4	6.0	492	486	496	4.3	1.9	6.6	5.0	3.5	6.5	<0.1	<0.1	<0.1
Sep-09	4.7	0.1	8.1	1,144	919	1,211	7.3	7.0	7.8	<2	<2	<2	0.6	<1	<1	1	0.2	4.9	4.4	5.2	493	478	504	3.6	2.4	4.8	4.8	2.8	6.3	<0.1	<0.1	<0.1
Oct-09	5.5	0.1	9.9	1,019	964	1,109	7.3	6.8	8.0	<2	<2	<2	0.6	<1	<1	<1	0.2	5.2	4.8	5.9	488	470	506	4.2	0.5	5.0	6.1	5.3	6.7	<0.1	<0.1	<0.1
Nov-09	3.9	0.1	5.0	1,046	949	1,179	7.1	6.7	7.5	<2	<2	<2	0.5	<1	<1	<1	0.2	5.7	5.2	6.9	483	478	488	4.7	3.1	6.9	5.0	3.8	6.1	<0.1	<0.1	<0.1
Dec-09	4.8	3.8	8.0	980	884	1,053	7.2	7.0	7.3	<2	<2	<2	0.5	<1	<1	3	0.2	5.8	5.3	7.5	483	472	500	5.9	4.6	8.2	6.7	5.8	7.2	<0.1	<0.1	<0.1
Avg	**5.1**	**2.7**	**7.1**	**903**	**820**	**980**	**7.4**	**7.1**	**7.6**	**<2**	**<2**	**<2**	**0.7**	**<1**	**<1**	**2**	**0.3**	**6.8**	**5.7**	**8.1**	**490**	**474**	**507**	**5.8**	**4.0**	**7.3**	**5.8**	**4.3**	**6.9**	**<0.1**	**<0.1**	**<0.1**
Min	**3.9**	**0.0**	**5.0**	**732**	**680**	**775**	**7.1**	**6.7**	**7.3**	**<2**	**<2**	**<2**	**0.5**	**<1**	**<1**	**<1**	**0.2**	**4.9**	**4.4**	**5.2**	**452**	**424**	**478**	**3.6**	**0.5**	**4.8**	**4.8**	**2.8**	**6.1**	**<0.1**	**<0.1**	**<0.1**
Max	**7.8**	**5.6**	**9.9**	**1,144**	**1,068**	**1,239**	**7.8**	**7.7**	**8.0**	**2**	**2**	**3**	**0.9**	**2**	**<1**	**6**	**1.0**	**8.6**	**7.1**	**10.3**	**513**	**504**	**528**	**7.9**	**7.1**	**8.8**	**7.3**	**5.8**	**8.8**	**<0.2**	**<0.1**	**0.4**

***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**

	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
Date	MGD			µmhos/cm			unit			mg/L			%	mg/L			%	mg/L			mg/L			mg/L			mg/L			mg/L		
Limit>>>							6.5 -8.5			20			15	20			15													4.5		
Jan-09	17.7	15.4	28.1	818**	775**	870**	7.4	7.3	7.6	<2	<2	<2	0.6	<1	<1	<1	0.2	6.0	5.2	7.0	508	478	540	6.4	4.5	7.5	-	-	-	<0.1	<0.1	<0.1
Feb-09	24.0	13.0	31.0	740**	695**	780**	7.5	7.0	8.0	<2	<2	<2	0.6	<1	<1	<1	0.3	4.8	4.4	5.5	454	428	482	7.2	6.5	8.0	-	-	-	<0.1	<0.1	<0.1
Mar-09	17.9	14.8	21.3	768**	745**	795**	7.6	7.5	7.7	<2	<2	<2	0.7	<1	<1	1	0.3	6.0	5.0	7.2	505	462	532	7.2	5.0	8.3	-	-	-	<0.1	<0.1	<0.1
Apr-09	16.1	10.3	20.1	794**	755**	845**	7.3	6.8	7.7	<2	<2	<2	0.8	<1	<1	<1	0.3	6.0	5.3	6.6	517	500	536	7.0	5.1	8.5	-	-	-	<0.1	<0.1	0.1
May-09	17.3	13.1	24.7	778**	760**	810**	7.1	7.0	7.2	<2	<2	<2	0.8	<1	<1	<1	0.3	5.3	4.8	6.3	498	489	508	6.3	4.9	8.0	-	-	-	<0.1	<0.1	<0.1
Jun-09	14.2	4.9	26.9	795**	765**	835**	7.1	6.9	7.2	<2	<2	<2	0.8	<1	<1	<1	0.4	5.4	5.0	6.2	512	493	537	6.3	5.2	7.8	-	-	-	<0.1	<0.1	0.2
Jul-09	12.4	9.0	15.1	1,060	1,011	1,115	6.9	6.5	7.1	<2	<2	3	0.6	<1	<1	1	0.4	5.0	4.6	5.4	520	509	543	5.4	2.8	7.5	7.0	6.0	8.0	<0.1	<0.1	<0.1
Aug-09	7.4	1.8	12.2	1,014	983	1,080	6.8	6.5	7.0	<2	<2	2	0.6	<1	<1	2	0.5	4.6	4.1	5.5	511	506	518	4.1	2.0	6.1	3.7	2.0	5.4	<0.1	<0.1	<0.1
Sep-09	9.5	2.3	15.6	1,012	918	1,065	6.8	6.5	7.0	<2	<2	<2	0.6	<1	<1	1	0.4	4.6	4.0	5.0	515	494	554	3.5	2.3	4.6	3.4	2.7	3.9	<0.1	<0.1	<0.1
Oct-09	13.1	5.1	19.4	979	941	1,084	6.8	6.6	7.0	<2	<2	<2	0.6	<1	<1	<1	0.3	4.8	4.5	5.4	513	494	532	4.6	3.4	5.9	6.3	5.3	7.3	<0.1	<0.1	0.1
Nov-09	17.0	10.3	27.6	1,076	1,039	1,131	6.8	6.6	7.0	<2	<2	<2	0.5	<1	<1	2	0.5	5.4	4.8	6.5	507	482	530	4.6	3.1	6.8	5.6	5.0	6.2	<0.1	<0.1	<0.1
Dec-09	26.2	15.4	37.4	1,078	1,005	1,171	6.8	6.6	6.9	<2	<2	<2	0.5	<1	<1	2	0.6	5.4	4.9	6.0	494	482	508	5.4	4.2	7.0	6.4	5.7	6.9	<0.1	<0.1	<0.1
Avg	**16.1**	**9.6**	**23.3**	**909**	**866**	**965**	**7.1**	**6.8**	**7.3**	**<2**	**<2**	**<2**	**0.6**	**<1**	**<1**	**1**	**0.4**	**5.3**	**4.7**	**6.0**	**504**	**485**	**527**	**5.7**	**4.1**	**7.2**	**5.4**	**4.4**	**6.3**	**<0.1**	**<0.1**	**<0.1**
Min	**7.4**	**1.8**	**12.2**	**740**	**695**	**780**	**6.8**	**6.5**	**6.9**	**<2**	**<2**	**<2**	**0.5**	**<1**	**<1**	**<1**	**0.2**	**4.6**	**4.0**	**5.0**	**454**	**428**	**482**	**3.5**	**2.0**	**4.6**	**3.4**	**2.0**	**3.9**	**<0.1**	**<0.1**	**<0.1**
Max	**26.2**	**15.4**	**37.4**	**1,078**	**1,039**	**1,171**	**7.6**	**7.5**	**8.0**	**<2**	**<2**	**3**	**0.8**	**<1**	**<1**	**2**	**0.6**	**6.0**	**5.3**	**7.2**	**520**	**509**	**554**	**7.2**	**6.5**	**8.5**	**7.0**	**6.0**	**8.0**	**<0.1**	**<0.1**	**0.2**

****Values based on lab data**

RP-5 (M-003) Effluent Monitoring Data — **Table No. 3c**

	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
Date	MGD			µmhos/cm			unit			mg/L			%	mg/L			%	mg/L			mg/L			mg/L			mg/L			mg/L		
Limit>>>							6.5 -8.5			20			15	20			15													4.5		
Jan-09	10.5	8.5	12.8	971	888	1,058	7.2	6.9	7.4	<2	<2	<2	1.0	2	<1	5	0.7	3.5	3.1	4.1	501	484	521	7.0	2.9	10.3	4.7	4.7	4.7	<0.1	<0.1	0.1
Feb-09	11.4	9.6	14.4	1,001	839	1,097	6.9	6.8	7.2	<2	<2	2	1.0	2	<1	4	2.0	3.4	3.0	3.9	491	474	504	9.9	6.9	14.3	12.3	9.5	15.1	<0.1	<0.1	<0.1
Mar-09	10.8	9.3	11.7	923	830	1,025	7.1	6.8	7.3	<2	<2	<2	1.0	2	<1	5	1.8	3.9	3.5	4.4	503	472	546	6.2	4.3	7.3	7.1	7.0	7.3	<0.1	<0.1	<0.1
Apr-09	9.7	7.8	11.9	848	821	879	7.2	6.9	7.4	<2	<2	<2	1.0	1	<1	4	0.6	3.7	3.5	3.9	503	484	518	5.5	3.5	7.3	5.5	5.5	5.5	<0.1	<0.1	<0.1
May-09	9.2	8.1	11.0	950	881	987	7.1	6.8	7.4	<2	<2	<2	0.9	<1	<1	4	0.9	3.7	3.4	4.8	505	494	530	4.3	3.3	6.1	5.7	5.4	6.1	<0.1	<0.1	<0.1
Jun-09	9.7	8.5	11.5	973	944	1,001	7.0	6.7	7.2	<2	<2	<2	0.8	<1	<1	3	1.1	3.6	3.3	4.1	504	494	522	4.3	2.1	5.7	6.3	6.1	6.5	<0.1	<0.1	<0.1
Jul-09	7.7	6.1	9.0	1,025	988	1,060	7.0	6.9	7.1	<2	<2	<2	1.1	<1	<1	6	0.7	3.8	3.4	4.9	505	500	511	4.7	2.3	6.5	5.0	4.2	5.7	<0.1	<0.1	<0.1
Aug-09	8.6	6.9	10.4	1,022	1,001	1,051	7.1	6.8	7.2	<2	<2	<2	0.9	<1	<1	3	0.9	3.5	3.2	4.1	509	506	512	5.4	4.5	6.6	6.2	6.0	6.5	<0.1	<0.1	<0.1
Sep-09	7.5	5.8	8.6	1,046	1,005	1,071	7.2	7.0	7.3	<2	<2	4	1.1	2	<1	6	0.6	3.3	3.0	3.9	513	486	522	5.1	4.0	6.1	5.8	5.5	6.1	<0.2	<0.1	0.5
Oct-09	7.9	7.3	8.4	1,017	980	1,055	7.3	7.2	7.4	<2	<2	<2	0.9	<1	<1	10	0.8	3.5	3.2	4.2	529	520	542	5.2	3.4	6.9	5.1	4.4	5.9	<0.1	<0.1	<0.1
Nov-09	8.2	7.6	10.1	979	954	1,009	7.3	7.2	7.4	<2	<2	<2	0.9	<1	<1	3	1.4	3.8	3.4	4.6	502	496	508	4.9	3.3	5.9	5.6	4.9	6.4	<0.2	<0.1	0.4
Dec-09	8.6	7.4	10.8	928	899	969	7.3	7.1	7.4	<2	<2	<2	1.1	<1	<1	1	0.9	3.7	3.1	4.4	435	418	452	5.4	4.1	7.7	5.9	5.5	6.4	<0.1	<0.1	0.1
Avg	**9.1**	**7.7**	**10.9**	**974**	**919**	**1,022**	**7.1**	**6.9**	**7.3**	**<2**	**<2**	**<2**	**1.0**	**<1**	**<1**	**5**	**1.0**	**3.6**	**3.3**	**4.3**	**500**	**486**	**516**	**5.6**	**3.7**	**7.6**	**6.3**	**5.7**	**6.9**	**<0.1**	**<0.1**	**<0.2**
Min	**7.5**	**5.8**	**8.4**	**848**	**821**	**879**	**6.9**	**6.7**	**7.1**	**<2**	**<2**	**<2**	**0.8**	**<1**	**<1**	**1**	**0.6**	**3.3**	**3.0**	**3.9**	**435**	**418**	**452**	**4.3**	**2.1**	**5.7**	**4.7**	**4.2**	**4.7**	**<0.1**	**<0.1**	**<0.1**
Max	**11.4**	**9.6**	**14.4**	**1,046**	**1,005**	**1,097**	**7.3**	**7.2**	**7.4**	**<2**	**<2**	**4**	**1.1**	**2**	**<1**	**10**	**2.0**	**3.9**	**3.5**	**4.9**	**529**	**520**	**546**	**9.9**	**6.9**	**14.3**	**12.3**	**9.5**	**15.1**	**<0.2**	**<0.1**	**0.5**

CCWRF (M-004) Effluent Monitoring Data — **Table No. 3d**

	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
Date	MGD			µmhos/cm			unit			mg/L			%	mg/L			%	mg/L			mg/L			mg/L			mg/L			mg/L		
Limit>>>							6.5 -8.5			20			15	20			15													4.5		
Jan-09	9.8	8.7	10.4	1,041	1,002	1,110	7.1	6.9	7.3	<2	<2	<2	0.8	<1	<1	4	0.8	3.6	3.3	4.1	511	504	524	6.3	5.6	7.3	-	-	-	<0.1	<0.1	<0.1
Feb-09	9.7	7.5	11.3	1,012	957	1,061	7.2	7.0	7.4	<2	<2	<2	0.7	<1	<1	2	0.5	3.3	3.1	3.6	490	476	498	6.7	6.0	7.7	-	-	-	<0.1	<0.1	<0.1
Mar-09	8.2	5.9	9.7	971	873	1,057	7.2	7.0	7.4	<2	<2	<2	0.8	<1	<1	4	0.5	3.7	3.2	4.1	512	474	542	6.7	4.9	7.9	-	-	-	<0.1	<0.1	<0.1
Apr-09	7.1	5.9	7.7	916	886	941	7.2	7.0	7.3	<2	<2	<2	0.7	<1	<1	2	0.4	4.2	3.8	4.6	558	542	572	6.7	5.7	8.2	-	-	-	<0.1	<0.1	<0.1
May-09	7.0	5.8	7.8	996	945	1,127	7.0	6.8	7.2	<2	<2	<2	0.7	1	<1	2	0.3	4.9	4.0	6.2	550	534	576	6.0	3.9	9.6	-	-	-	0.6	<0.1	3.6
Jun-09	6.5	2.7	9.5	1,262	966	1,377	6.9	6.6	7.3	<2	<2	3	0.8	<1	<1	3	0.4	4.2	3.8	4.7	538	527	554	4.7	3.7	7.1	-	-	-	<0.1	<0.1	<0.1
Jul-09	3.7	0.9	6.5	1,291	1,183	1,472	7.0	6.5	7.2	<2	<2	<2	0.7	<1	<1	2	0.4	4.0	3.5	4.6	574	561	598	3.7	2.7	4.9	3.7	3.4	4.0	<0.1	<0.1	<0.1
Aug-09	3.6	0.8	7.3	1,128	1,063	1,191	6.9	6.5	7.1	<2	<2	<2	0.8	<1	<1	2	0.4	3.6	3.4	3.9	555	542	572	3.9	2.8	5.5	3.4	3.1	3.7	<0.1	<0.1	0.1
Sep-09	3.4	1.1	6.5	914	865	978	7.0	6.6	7.3	<2	<2	<2	0.7	<1	<1	1	0.4	3.6	3.3	4.0	534	504	550	3.7	2.8	5.0	4.0	3.6	4.3	<0.1	<0.1	<0.1
Oct-09	6.4	1.3	9.2	898	874	928	7.0	6.7	7.2	<2	<2	<2	0.7	<1	<1	4	0.4	3.8	3.4	5.0	521	498	536	4.2	2.5	5.4	4.6	4.5	4.6	<0.1	<0.1	0.2
Nov-09	8.9	8.0	9.4	833	615	938	7.0	6.8	7.1	<2	<2	<2	0.7	<1	<1	2	0.5	4.2	3.7	4.7	513	500	520	5.2	4.0	6.8	5.3	4.7	5.9	<0.1	<0.1	<0.1
Dec-09	9.4	8.7	11.1	881	819	924	7.0	6.9	7.1	<2	<2	<2	0.6	<1	<1	2	0.4	4.0	3.5	6.6	510	492	530	5.7	4.4	7.2	6.8	6.1	7.5	<0.1	<0.1	<0.1
Avg	**7.0**	**4.8**	**8.9**	**1,012**	**921**	**1,092**	**7.0**	**6.8**	**7.2**	**<2**	**<2**	**<2**	**0.7**	**<1**	**<1**	**3**	**0.5**	**3.9**	**3.5**	**4.7**	**530**	**513**	**548**	**5.3**	**4.1**	**6.9**	**4.6**	**4.2**	**5.0**	**<0.1**	**<0.1**	**<0.4**
Min	**3.4**	**0.8**	**6.5**	**833**	**615**	**924**	**6.9**	**6.5**	**7.1**	**<2**	**<2**	**<2**	**0.6**	**<1**	**<1**	**1**	**0.3**	**3.3**	**3.1**	**3.6**	**490**	**474**	**498**	**3.7**	**2.5**	**4.9**	**3.4**	**3.1**	**3.7**	**<0.1**	**<0.1**	**<0.1**
Max	**9.8**	**8.7**	**11.3**	**1,291**	**1,183**	**1,472**	**7.2**	**7.0**	**7.4**	**<2**	**<2**	**3**	**0.8**	**1**	**<1**	**4**	**0.8**	**4.9**	**4.0**	**6.6**	**574**	**561**	**598**	**6.7**	**6.0**	**9.6**	**6.8**	**6.1**	**7.5**	**0.6**	**<0.1**	**3.6**

RP-1 (M-001A) Effluent Monthly Toxicity Data **Table No. 4a**

			CHRONIC TOXICITY - SURVIVAL (*Ceriodaphnia Dubia*)			CHRONIC TOXICITY - REPRODUCTION (*Ceriodaphnia dubia*)		
START DATE		END DATE	NOEC	TUc		NOEC	IC_{25}	TUc
01/05/09	thru	01/11/09	100	1.0	^^^^^^^	100	100	1.0
01/26/09	thru	02/02/09	100	1.0	^^^^^^^	100	100	1.0
02/02/09	thru	02/08/09	100	1.0	^^^^^^^	100	100	1.0
02/17/09	thru	02/23/09	100	1.0	^^^^^^^	100	100	1.0
03/02/09	thru	03/08/09	100	1.0	^^^^^^^	100	100	1.0
04/06/09	thru	04/12/09	100	1.0	^^^^^^^	100	100	1.0
05/04/09	thru	05/10/09	100	1.0	^^^^^^^	70	100	1.4
05/18/09	thru	05/24/09	100	1.0	^^^^^^^	100	100	1.0
05/31/09	thru	06/07/09	100	1.0	^^^^^^^	100	100	1.0
07/05/09	thru	07/12/09	100	1.0	^^^^^^^	100	100	1.0
08/02/09	thru	08/08/09	100	1.0	^^^^^^^	100	100	1.0
09/06/09	thru	09/13/09	100	1.0	^^^^^^^	100	100	1.0
10/06/09	thru	10/12/09	100	1.0	^^^^^^^	100	100	1.0
11/09/09	thru	11/15/09	100	1.0	^^^^^^^	100	100	1.0
12/09/09	thru	12/15/09	100	1.0	^^^^^^^	100	100	1.0

RP-1/RP-4 (M-002A) Effluent Monthly Toxicity Data **Table No. 4b**

			CHRONIC TOXICITY - SURVIVAL (*Ceriodaphnia Dubia*)			CHRONIC TOXICITY - REPRODUCTION (*Ceriodaphnia dubia*)		
SAMPLING DATE		END DATE	NOEC	TUc		NOEC	IC_{25}	TUc
01/12/09	thru	01/18/09	100	1.0	^^^^^^^	100	100	1.0
02/09/09	thru	02/15/09	100	1.0	^^^^^^^	100	100	1.0
03/09/09	thru	03/14/09	100	1.0	^^^^^^^	100	100	1.0
03/31/09	thru	04/06/09	100	1.0	^^^^^^^	100	100	1.0
05/11/09	thru	05/17/09	100	1.0	^^^^^^^	100	100	1.0
06/09/09	thru	06/16/09	100	1.0	^^^^^^^	100	100	1.0
07/12/09	thru	07/19/09	100	1.0	^^^^^^^	100	100	1.0
08/09/09	thru	08/15/09	100	1.0	^^^^^^^	100	100	1.0
09/20/09	thru	09/27/09	100	1.0	^^^^^^^	100	100	1.0
10/18/09	thru	10/24/09	100	1.0	^^^^^^^	100	100	1.0
11/15/09	thru	11/21/09	100	1.0	^^^^^^^	100	100	1.0
12/14/09	thru	12/18/09	100	1.0	^^^^^^^	100	100	1.0

RP-5 (M-003) Effluent Monthly Toxicity Data **Table No. 4c**

			CHRONIC TOXICITY - SURVIVAL (*Ceriodaphnia Dubia*)			CHRONIC TOXICITY - REPRODUCTION (*Ceriodaphnia dubia*)		
START DATE		END DATE	NOEC	TUc		NOEC	IC_{25}	TUc
01/19/09	thru	01/25/09	100	1.0	^^^^^^^	100	82	1.0
02/08/09	thru	02/15/09	100	1.0	^^^^^^^	100	100	1.0
02/23/09	thru	03/01/09	100	1.0	^^^^^^^	100	100	1.0
03/09/09	thru	03/15/09	100	1.0	^^^^^^^	100	100	1.0
03/25/09	thru	03/31/09	100	1.0	^^^^^^^	100	100	1.0
04/20/09	thru	04/26/09	100	1.0	^^^^^^^	100	100	1.0
05/25/09	thru	06/01/09	100	1.0	^^^^^^^	100	100	1.0
06/17/09	thru	06/26/09	100	1.0	^^^^^^^	100	100	1.0
07/19/09	thru	07/26/09	100	1.0	^^^^^^^	100	100	1.0
09/13/09	thru	09/20/09	100	1.0	^^^^^^^	100	100	1.0
10/12/09	thru	10/18/09	100	1.0	^^^^^^^	100	100	1.0
10/25/09	thru	10/31/09	100	1.0	^^^^^^^	100	100	1.0
12/14/09	thru	12/18/09	100	1.0	^^^^^^^	100	100	1.0
12/27/09	thru	01/03/10	100	1.0	^^^^^^^	100	100	1.0

CCWRF (M-004) Effluent Monthly Toxicity Data **Table No. 4d**

			CHRONIC TOXICITY - SURVIVAL (*Ceriodaphnia Dubia*)			CHRONIC TOXICITY - REPRODUCTION (*Ceriodaphnia dubia*)		
SAMPLING DATE		END DATE	NOEC	TUc		NOEC	IC_{25}	TUc
01/05/09	thru	01/11/09	100	1.0	^^^^^^^	100	100	1.0
01/26/09	thru	02/02/09	100	1.0	^^^^^^^	100	17	1.0
02/17/09	thru	02/23/09	100	1.0	^^^^^^^	100	82	1.0
03/02/09	thru	03/08/09	100	1.0	^^^^^^^	100	100	1.0
03/16/09	thru	03/22/09	100	1.0	^^^^^^^	100	100	1.0
04/06/09	thru	04/12/09	100	1.0	^^^^^^^	100	100	1.0
05/04/09	thru	05/10/09	100	1.0	^^^^^^^	<60	83	1.7
05/18/09	thru	05/24/09	100	1.0	^^^^^^^	100	100	1.0
05/31/09	thru	06/07/09	100	1.0	^^^^^^^	100	100	1.0
07/08/09	thru	07/15/09	100	1.0	^^^^^^^	100	99	1.0
08/02/09	thru	08/08/09	100	1.0	^^^^^^^	100	100	1.0
09/06/09	thru	09/13/09	100	1.0	^^^^^^^	100	100	1.0
10/06/09	thru	10/12/09	100	1.0	^^^^^^^	100	100	1.0
11/09/09	thru	11/15/09	100	1.0	^^^^^^^	100	100	1.0
12/09/09	thru	12/15/09	100	1.0	^^^^^^^	100	100	1.0

RP-1 (M-001A & M-001B) & RP-1/RP-4 (M-002A) Effluent Monitoring and Coliform Data — **Table No. 5a**

	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
Date	NTU		NTU		°C		°C		MPN / 100 mL								gpm/ft^2	min	mg-min/L	gpm/ft^3	min	mg-min/L
Jan-09	0.8	1.1	0.8	1.2	23.4	24.3	21.5	23.2	<2	4	<2	2	<2	4	<2	<2	4	134	572	4	140	593
Feb-09	0.6	0.8	0.7	0.8	23.1	24.2	21.5	22.8	<2	4	<2	2	<2	2	<2	2	4	129	599	4	133	522
Mar-09	0.8	1.0	0.8	1.1	23.6	24.4	22.8	23.5	<3	4	<2	2	<2	2	<2	2	4	133	652	4	127	523
Apr-09	0.8	1.0	0.8	1.3	24.9	25.7	24.1	25.0	<2	50	<2	2	<2	4	<2	2	4	130	642	4	146	525
May-09	0.7	0.9	0.6	0.8	26.7	27.5	25.7	26.3	<2	4	<2	<2	<2	2	<2	<2	4	126	607	4	143	533
Jun-09	0.6	0.6	0.5	0.6	27.2	27.9	26.3	27.0	<2	4	<2	2	<2	2	<2	<2	4	133	641	4	154	572
Jul-09	0.6	0.8	0.4	3.0	28.9	30.1	28.5	29.5	<2	2	<2	<2	<5	70	<2	2	4	136	540	4	168	577
Aug-09	0.5	0.7	0.4	0.6	29.6	29.9	29.1	29.5	<2	2	<2	<2	<2	2	<2	<2	4	132	548	4	148	531
Sep-09	0.5	0.7	0.5	1.2	29.6	29.9	28.3	30.0	<2	2	<2	<2	<2	2	<2	<2	3	145	557	3	140	489
Oct-09	0.4	0.6	0.5	0.7	28.6	28.7	26.2	27.2	<2	2	<2	<2	<2	2	<2	<2	3	145	583	3	128	552
Nov-09	0.5	0.8	0.8	1.1	25.2	25.9	25.3	26.6	<2	4	<2	<2	<2	4	<2	<2	3	143	530	3	127	572
Dec-09	0.6	0.8	0.6	0.9	24.1	25.1	22.8	23.5	<2	4	<2	<2	<2	4	<2	<2	4	139	709	4	129	615
Avg	**0.6**	**0.8**	**0.6**	**1.1**	**26.2**	**27.0**	**25.2**	**26.2**	**<2**	**7**	**<2**	**<2**	**<2**	**8**	**<2**	**<2**	**4**	**135**	**604**	**4**	**140**	**550**
Min	**0.4**	**0.6**	**0.4**	**0.6**	**23.1**	**24.2**	**21.5**	**22.8**	**<2**	**2**	**<2**	**<2**	**<2**	**2**	**<2**	**<2**	**3**	**126**	**530**	**3**	**127**	**489**
Max	**0.8**	**1.1**	**0.8**	**3.0**	**29.6**	**30.1**	**29.1**	**30.0**	**<3**	**50**	**<2**	**2**	**<5**	**70**	**<2**	**2**	**4**	**145**	**709**	**4**	**168**	**615**

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) & CCWRF (M-004) Effluent Monitoring and Coliform Data — **Table No. 5b**

	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
Date	NTU		NTU		°C		°C		MPN / 100 mL								gpm/ft^2	min	mg-min/L	gpm/ft^3	min	mg-min/L
Jan-09	1.0	1.6	0.5	0.7	22.3	23.0	21.8	22.1	<2	<2	<2	<2	<2	2	<2	<2	4	117	549	2	109	557
Feb-09	1.1	1.4	0.5	0.6	21.6	22.4	21.3	22.0	<2	2	<2	<2	<2	2	<2	<2	4	120	604	2	109	560
Mar-09	1.4	2.2	0.5	0.7	23.3	23.5	21.1	22.0	<2	2	<2	<2	<2	2	<2	<2	6	120	544	2	120	542
Apr-09	1.0	1.2	0.7	1.1	23.5	24.8	22.9	24.1	<2	2	<2	<2	<2	2	<2	<2	4	145	504	2	129	516
May-09	0.8	1.1	0.9	1.3	25.8	26.5	22.7	25.0	<2	2	<2	<2	<2	2	<2	<2	5	136	492	2	126	**375****
Jun-09	0.7	1.0	0.5	0.6	25.0	26.0	21.9	22.7	<2	<2	<2	<2	<2	<2	<2	<2	5	143	492	2	117	573
Jul-09	0.8	1.1	0.5	0.7	27.7	28.4	26.0	27.0	<2	<2	<2	<2	<2	2	<2	<2	5	181	538	2	122	501
Aug-09	0.9	1.1	0.6	0.7	28.2	28.6	22.6	28.6	<2	<2	<2	<2	<2	2	<2	<2	4	150	516	2	120	519
Sep-09	0.7	0.8	0.8	1.4	27.8	28.0	25.6	26.0	<2	<2	<2	<2	<2	<2	<2	<2	5	170	516	2	116	477
Oct-09	0.9	1.2	0.7	1.1	24.3	26.2	25.2	27.0	<2	2	<2	<2	<2	2	<2	<2	4	194	500	2	118	536
Nov-09	0.8	1.4	0.8	1.6	25.2	25.7	23.0	25.5	<2	2	<2	<2	<2	2	<2	<2	4	144	498	2	116	519
Dec-09	1.0	1.3	0.9	1.2	21.1	21.9	20.6	23.7	<2	2	<2	<2	<2	4	<2	<2	4	146	515	2	103	565
Avg	**0.9**	**1.3**	**0.7**	**1.0**	**24.6**	**25.4**	**22.9**	**24.6**	**<2**	**2**	**<2**	**<2**	**<2**	**2**	**<2**	**<2**	**4**	**147**	**521**	**2**	**117**	**520**
Min	**0.7**	**0.8**	**0.5**	**0.6**	**21.1**	**21.9**	**20.6**	**22.0**	**<2**	**<2**	**<2**	**<2**	**<2**	**<2**	**<2**	**<2**	**4**	**117**	**492**	**2**	**103**	**375**
Max	**1.4**	**2.2**	**0.9**	**1.6**	**28.2**	**28.6**	**26.0**	**28.6**	**<2**	**2**	**<2**	**<2**	**<2**	**4**	**<2**	**<2**	**6**	**194**	**604**	**2**	**129**	**573**

Requirements for disinfected tertiary-treated recycled water Title 22 Compliance: Min: 450 mg/L-min CT & 90 min DT
**On 5/13 & 14/09, CCWRF experienced automated effluent gate closures which resulted in artificially high flows being recorded and calculated into low CT readings immediately following the reopening of the gate.

RP-1 (M-001A) & RP-1/RP-4 (M-002A) Effluent and Receiving Water (R-002U & R-002D) Data **Table No. 6a**

	M-001A Cl_2 Residual*		M-002A Cl2 Residual*		Upstream Cucamonga Creek (R-002U)										Downstream Cucamonga Creek (R-002D)							
					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
Date	mg/L				mg/L		°C		unit		mg/L	mg/L	mg/L	mg/L	mg/L		°C		unit		mg/L	mg/L
Jan-09	0.0	0.0	0.0	0.0	13.9	11.3	11.0	13.4	8.3	10.0	-	-	149	-	11.8	9.2	19.7	21.5	7.7	8.6	-	-
Feb-09	0.0	0.0	0.0	0.0	10.8	9.7	15.4	22.8	8.1	10.0	-	-	90	-	10.0	8.3	21.0	24.2	7.5	8.1	-	-
Mar-09	0.0	0.0	0.0	0.0	12.1	11.5	14.2	19.4	8.5	10.7	-	-	152	-	11.8	9.8	21.4	23.1	7.6	9.2	-	-
Apr-09	0.0	0.0	0.0	0.0	11.5	9.8	18.1	22.7	8.4	10.3	-	-	212	-	9.6	6.0	22.9	24.2	7.5	10.3	-	-
May-09	0.0	0.0	0.0	0.0	9.6	8.5	16.7	18.2	8.3	8.8	-	-	251	-	7.1	6.2	22.5	24.5	7.5	8.1	-	-
Jun-09	0.0	0.0	0.0	0.0	9.9	8.5	22.9	29.0	8.7	10.2	-	-	148	-	11.4	6.3	26.7	32.0	7.8	9.8	-	-
Jul-09	0.0	0.0	0.0	0.0	10.3	9.1	24.4	28.9	8.9	10.2	436	0.7	156	16	11.8	6.4	26.7	29.7	8.0	9.3	150	4
Aug-09	0.0	0.0	0.0	0.0	11.3	10.2	26.5	28.6	9.8	12.3	352	1.2	-	-	14.7	14.1	28.7	29.8	9.0	9.8	-	-
Sep-09	0.0	0.0	0.0	0.0	11.1	9.0	23.5	26.4	7.9	10.2	391	2.0	-	-	11.9	8.9	25.9	29.2	8.1	10.0	-	-
Oct-09	0.0	0.0	0.0	0.0	10.7	9.0	17.1	21.1	8.0	9.5	390	0.7	172	14	9.1	8.5	23.9	24.7	7.7	8.5	138	5
Nov-09	0.0	0.0	0.0	0.0	11.3	10.8	16.9	17.7	9.4	10.0	274	1.6	-	-	11.4	9.0	24.3	24.6	8.0	8.8	-	-
Dec-09	0.0	0.0	0.0	0.0	12.0	11.1	11.5	15.5	7.4	9.5	290	1.8	-	104	9.8	8.3	20.3	22.6	7.5	9.3	-	-
Avg	**0.0**	**0.0**	**0.0**	**0.0**	**11.2**	**9.9**	**18.2**	**22.0**	**8.5**	**10.1**	**356**	**1.3**	**166**	**45**	**10.9**	**8.4**	**23.7**	**25.8**	**7.8**	**9.1**	**144**	**4**
Min	**0.0**	**0.0**	**0.0**	**0.0**	**9.6**	**8.5**	**11.0**	**13.4**	**7.4**	**8.8**	**274**	**0.7**	**90**	**14**	**7.1**	**6.0**	**19.7**	**21.5**	**7.5**	**8.1**	**138**	**4**
Max	**0.0**	**0.0**	**0.0**	**0.0**	**13.9**	**11.5**	**26.5**	**29.0**	**9.8**	**12.3**	**436**	**2.0**	**251**	**104**	**14.7**	**14.1**	**28.7**	**32.0**	**9.0**	**10.3**	**150**	**5**

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

RP-5 (M-003) & CCWRF (M-004) Effluent and Receiving Water (R-003U, R-003D, & R-004U) Data **Table No. 6b**

	M-003 Cl_2 Residual*		M-004 Cl2 Residual*		Upstream Chino Creek (R-003U)										Downstream Chino Creek (R-003D)								Upstream Chino Creek (R-004U)									
					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	Min	Avg	Max	Min	Max	Avg	Avg	Avg	Avg
Date	mg/L				mg/L		°C		unit		mg/L	mg/L	mg/L	mg/L	mg/L		°C		unit		mg/L	mg/L	mg/L		°C		unit		mg/L	mg/L	mg/L	mg/L
Jan-09	0.0	0.0	0.0	0.0	8.1	8.0	18.5	20.0	7.0	8.0	558	5.4	196	-	8.1	7.3	18.8	20.2	7.4	7.8	188	-	13.1	11.8	11.0	14.0	7.1	7.9	739	4.2	487	-
Feb-09	0.0	0.0	0.0	0.0	8.1	8.0	15.9	18.0	7.2	7.4	560	6.4	251	-	7.9	6.6	17.1	18.2	7.3	7.6	196	-	11.5	9.7	8.7	12.4	7.1	7.7	892	3.7	517	-
Mar-09	0.0	0.0	0.0	0.0	10.8	9.9	22.1	24.0	6.9	8.6	612	5.9	-	-	7.9	7.4	21.4	22.0	7.9	8.7	-	-	10.3	9.0	10.9	13.1	6.8	7.4	904	2.7	537	-
Apr-09	0.0	0.0	0.0	0.0	6.5	4.8	21.7	23.4	7.6	8.2	602	5.8	270	-	7.6	6.9	22.4	24.5	7.6	8.2	206	-	8.4	4.0	15.9	30.6	7.1	7.5	840	1.2	502	-
May-09	0.0	0.0	0.0	0.0	6.6	6.2	24.5	26.0	7.9	8.2	722	5.2	-	-	7.8	7.5	24.3	25.0	8.0	8.3	-	-	8.2	6.4	16.1	17.0	7.0	7.4	886	1.5	497	-
Jun-09	0.0	0.0	0.0	0.0	6.4	5.2	22.4	25.0	7.8	8.3	646	5.0	-	-	7.0	6.0	23.1	25.0	8.0	8.2	-	-	8.8	6.2	16.1	17.4	6.8	7.4	837	1.5	180	-
Jul-09	0.0	0.0	0.0	0.0	7.0	5.6	24.5	25.4	7.5	8.8	788	2.4	372	18	7.3	7.0	26.9	28.4	7.8	8.7	228	2	8.6	7.6	19.9	24.0	7.1	7.7	787	2.2	1,050	-
Aug-09	0.0	0.0	0.0	0.0	3.8	3.2	24.4	25.0	7.6	7.9	654	4.7	-	-	6.8	6.4	26.1	27.4	7.5	7.8	-	-	12.4	9.2	21.1	28.0	7.1	8.4	818	2.3	-	190
Sep-09	0.0	0.0	0.0	0.0	4.5	3.4	23.7	24.1	7.7	8.3	722	2.1	-	-	7.0	6.7	25.3	25.9	7.3	7.9	-	-	12.0	9.3	22.4	31.6	7.0	7.9	834	2.3	-	-
Oct-09	0.0	0.0	0.0	0.0	6.6	4.5	20.6	21.7	7.9	8.5	258	3.7	236	9	8.4	8.1	21.4	23.3	7.9	8.1	184	2	9.4	7.2	15.8	23.4	6.8	8.3	626	3.2	360	1
Nov-09	0.0	0.0	0.0	0.0	6.3	5.3	21.3	22.0	7.9	8.2	560	4.2	-	-	8.0	7.1	21.2	22.6	7.8	8.1	-	-	12.1	10.6	11.2	13.4	6.7	7.9	720	3.2	-	-
Dec-09	0.0	0.0	0.0	0.0	7.1	6.0	17.0	19.0	7.7	7.9	584	7.0	-	-	8.0	7.2	18.6	20.8	7.7	7.9	-	-	13.4	9.8	8.1	11.0	7.4	8.1	696	4.3	-	-
Avg	**0.0**	**0.0**	**0.0**	**0.0**	**6.8**	**5.8**	**21.4**	**22.8**	**7.6**	**8.2**	**606**	**4.8**	**166**	**45**	**7.6**	**7.0**	**22.2**	**23.6**	**7.7**	**8.1**	**144**	**4**	**10.7**	**8.4**	**14.8**	**19.7**	**7.0**	**7.8**	**798**	**2.7**	**516**	**96**
Min	**0.0**	**0.0**	**0.0**	**0.0**	**3.8**	**3.2**	**15.9**	**18.0**	**6.9**	**7.4**	**258**	**2.1**	**90**	**14**	**6.8**	**6.0**	**17.1**	**18.2**	**7.3**	**7.6**	**138**	**4**	**8.2**	**4.0**	**8.1**	**11.0**	**6.7**	**7.4**	**626**	**1.2**	**180**	**1**
Max	**0.0**	**0.0**	**0.0**	**0.0**	**10.8**	**9.9**	**24.5**	**26.0**	**7.9**	**8.8**	**788**	**7.0**	**251**	**104**	**8.4**	**8.1**	**26.9**	**28.4**	**8.0**	**8.7**	**150**	**5**	**13.4**	**11.8**	**22.4**	**31.6**	**7.4**	**8.4**	**904**	**4.3**	**1,050**	**190**

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

RP-1 (REC-001) & RP-4 (REC-002) Recycled Water Data — **Table No. 7a**

	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
Date	mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L			mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L		
Jan-09	8.7	7.4	0.8	572	<2	4	<2	2	2	1	495	5.6	7.1	0.3	>450	<2	4	<2	<2	<2	<1	458
Feb-09	2.9	7.6	0.6	599	<2	2	<2	2	<2	<1	426	6.9	7.3	0.4	>450	<2	2	<2	<2	<2	<1	410
Mar-09	7.5	7.7	0.8	652	<3	30	<2	2	<2	<1	450	5.9	6.9	0.5	>450	<2	<2	<2	<2	<2	<1	430
Apr-09	12.3	7.8	0.8	642	<2	4	<2	<2	2	2	514	6.8	6.9	0.6	450	<2	2	<2	<2	<2	<1	456
May-09	11.1	7.4	0.7	607	<2	2	<2	<2	<2	2	490	6.7	6.9	0.7	450	<2	2	<2	<2	<2	<1	462
Jun-09	12.5	7.1	0.6	641	<2	2	<2	<2	2	<1	479	8.0	6.9	0.5	>450	<2	<2	<2	<2	<2	<1	479
Jul-09	16.1	7.2	0.6	540	<2	2	<2	<2	2	<1	474	10.0	7.1	0.5	593	<2	<2	<2	<2	<2	<1	463
Aug-09	18.2	7.2	0.5	548	<2	2	<2	<2	<2	<1	478	8.8	6.7	0.3	642	<2	<2	<2	<2	<2	<1	443
Sep-09	18.0	7.3	0.5	557	<2	2	<2	<2	<2	<1	476	8.8	6.8	0.4	562	<2	<2	<2	<2	<2	<1	441
Oct-09	12.3	7.3	0.4	583	<2	2	<2	<2	<2	<1	476	8.9	6.8	0.5	530	<2	<2	<2	<2	<2	<1	450
Nov-09	10.3	7.1	0.5	530	<2	4	<2	<2	<2	<1	466	9.3	6.8	0.4	632	<2	2	<2	<2	<2	<1	438
Dec-09	6.1	7.2	0.6	709	<2	4	<2	<2	<2	<1	468	4.2	6.9	0.3	504	<2	2	<2	<2	<2	<1	435
Avg	**11.3**	**7.4**	**0.6**	**602**	**<2**	**5**	**<2**	**<2**	**<2**	**<1**	**474**	**7.5**	**6.9**	**0.4**	**543**	**<2**	**2**	**<2**	**<2**	**<2**	**<1**	**447**
Min	**2.9**	**7.1**	**0.4**	**530**	**<2**	**2**	**<2**	**<2**	**<2**	**<1**	**426**	**4.2**	**6.7**	**0.3**	**450**	**<2**	**<2**	**<2**	**<2**	**<2**	**<1**	**410**
Max	**18.2**	**7.8**	**0.8**	**709**	**<3**	**30**	**<2**	**2**	**2**	**2**	**514**	**10.0**	**7.3**	**0.7**	**642**	**<2**	**4**	**<2**	**<2**	**<2**	**<1**	**479**

RP-5 (REC-003) & CCWRF (REC-004) Recycled Water Data — **Table No. 7b**

	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
Date	mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L			mgd	unit	NTU	mg-min/L	MPN / 100 mL				mg/L		
Jan-09	0.7	7.2	1.0	549	<2	<2	<2	<2	<2	2	501	0.0	7.1	0.5	557	<2	2	<2	<2	<2	<1	511
Feb-09	0.8	6.9	1.1	604	<2	2	<2	<2	<2	2	491	0.0	7.2	0.5	560	<2	2	<2	<2	<2	<1	490
Mar-09	0.6	7.1	1.4	544	<2	2	<2	<2	<2	2	503	0.0	7.2	0.5	542	<2	2	<2	<2	<2	<1	512
Apr-09	0.6	7.2	1.0	504	<2	2	<2	<2	<2	1	503	0.3	7.2	0.7	516	<2	2	<2	<2	<2	<1	558
May-09	0.6	7.1	0.8	492	<2	2	<2	<2	<2	<1	505	0.4	7.0	0.9	375	<2	2	<2	<2	<2	1	550
Jun-09	0.6	7.0	0.7	492	<2	<2	<2	<2	<2	<1	504	1.6	6.9	0.5	573	<2	<2	<2	<2	<2	<1	538
Jul-09	0.6	7.0	0.8	538	<2	<2	<2	<2	<2	<1	505	3.1	7.0	0.5	501	<2	2	<2	<2	<2	<1	574
Aug-09	1.1	7.1	0.9	516	<2	<2	<2	<2	<2	<1	509	5.7	6.9	0.6	519	<2	2	<2	<2	<2	<1	555
Sep-09	1.5	7.2	0.7	516	<2	<2	<2	<2	<2	2	513	3.9	7.0	0.8	477	<2	<2	<2	<2	<2	<1	534
Oct-09	1.0	7.3	0.9	500	<2	2	<2	<2	<2	<1	529	1.4	7.0	0.7	536	<2	2	<2	<2	<2	<1	521
Nov-09	1.0	7.3	0.8	498	<2	2	<2	<2	<2	<1	502	0.0	7.0	0.8	519	<2	2	<2	<2	<2	<1	513
Dec-09	0.0	7.3	1.0	515	<2	2	<2	<2	<2	<1	435	0.0	7.0	0.9	565	<2	4	<2	<2	<2	<1	510
Avg	**0.8**	**7.1**	**0.9**	**523**	**<2**	**2**	**<2**	**<2**	**<2**	**<1**	**500**	**1.4**	**7.0**	**0.7**	**524**	**<2**	**2**	**<2**	**<2**	**<2**	**<1**	**530**
Min	**0.0**	**6.9**	**0.7**	**492**	**<2**	**<2**	**<2**	**<2**	**<2**	**<1**	**435**	**0.0**	**6.9**	**0.5**	**375**	**<2**	**<2**	**<2**	**<2**	**<2**	**<1**	**490**
Max	**1.5**	**7.3**	**1.4**	**604**	**<2**	**2**	**<2**	**<2**	**<2**	**2**	**529**	**5.7**	**7.2**	**0.9**	**573**	**<2**	**4**	**<2**	**<2**	**<2**	**1**	**574**

*TDS value is the chlorinated effluent value which is higher than the true recycled water TDS value. Beginning February 2010, pre-dechlorination samples are collected.

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	Bis(2-ethylhexyl) phthalate	Bromodi-chloromethane	CN, Free*
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																4.1 mo avg; 8.2 max daily			5.9 mo avg; 11.9 max daily		4.2 mo avg; 8.5 max daily
Jan-09	144	147	0.2	43	0	116	0.2	9	98	45	<0.25	1.1	5	<0.5	<0.05	<2	<0.25	37	<2	15	<2
Feb-09	150	152	0.2	46	0	95	0.3	8	82	42	<0.25	1.7	5	<0.5	<0.05	<2	<0.25	32	<2	15	<2
Mar-09	161	158	0.2	49	0	103	0.2	9	87	45	<0.25	0.5	4	<0.5	<0.05	<2	<0.25	29	<2	14	<2
Apr-09	157	154	0.2	48	0	109	0.2	9	95	56	<0.25	0.9	5	<0.5	<0.05	<2	<0.25	29	<2	13	<2
May-09	151	154	0.2	46	0	108	0.3	9	98	46	<0.25	1.0	5	<0.5	<0.05	<2	<0.25	34	<2	16	<2
Jun-09	137	155	0.2	42	0	108	0.3	8	86	43	<0.25	1.4	4	<0.5	<0.05	<2	<0.25	33	<2	16	<2
Jul-09	152	145	0.2	46	0	110	0.2	9	92	44	<0.25	1.5	3	<0.5	<0.05	<2	<0.25	33	<2	16	<2
Aug-09	157	159	0.2	47	0	108	0.2	10	99	40	<0.25	1.1	2	<0.5	<0.05	<2	<0.25	16	<2		<2
Sep-09	153	154	0.2	46	0	116	0.2	9	99	41	<0.25	1.1	2	<0.5	<0.05	<2	<0.25	18	<2		<2
Oct-09	162	158	0.2	49	0	114	0.2	10	101	42	<0.25	0.9	2	<0.5	<0.05	<2	<0.25	24	<2	17	<2
Nov-09	153	157	0.2	45	0	120	0.2	10	102	45	<0.25	1.0	2	<0.5	<0.05	<2	<0.25	23	<2		<2
Dec-09	146	147	0.2	44	0	119	0.2	9	97	47	<0.25	0.7	2	<0.5	<0.05	<2	<0.25	22	<2		<2
Avg	**152**	**153**	**0.2**	**46**	**0**	**110**	**0.2**	**9**	**95**	**45**	**<0.25**	**1.1**	**3**	**<0.5**	**<0.1**	**<2**	**<0.25**	**28**	**<2**	**15**	**<2**
Min	**137**	**145**	**0.2**	**42**	**0**	**95**	**0.2**	**8**	**82**	**40**	**<0.25**	**0.5**	**2**	**<0.5**	**<0.1**	**<2**	**<0.25**	**16**	**<2**	**13**	**<2**
Max	**162**	**159**	**0.2**	**49**	**0**	**120**	**0.3**	**10**	**102**	**56**	**<0.25**	**1.7**	**5**	**<0.5**	**<0.1**	**<2**	**<0.25**	**37**	**<2**	**17**	**<2**

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	Bis(2-ethylhexyl) phthalate	Bromodi-chloromethane	CN, Free*
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																4.1 mo avg; 8.2 max daily			5.9 mo avg; 11.9 max daily		4.2 mo avg; 8.5 max daily
Jan-09	151	140	0.2	46	0	118	0.3	9	109	67	<0.25	2.2	4	<0.5	<0.05	<2	<0.25	38	<2	9	<2
Feb-09	148	147	0.2	46	0	95	0.3	8	87	58	<0.25	3.8	3	<0.5	<0.05	<2	<0.25	27	<2	15	<2
Mar-09	155	148	0.2	48	0	105	0.3	9	89	61	<0.25	3.7	3	<0.5	<0.05	<2	<0.25	26	<2	13	<2
Apr-09	155	144	0.2	48	0	110	0.2	9	99	68	<0.25	1.9	4	<0.5	<0.05	<2	0.26	33	<2	14	2
May-09	151	143	0.2	46	0	109	0.3	9	99	64	<0.25	2.1	4	<0.5	<0.05	<2	<0.25	33	<2	15	2
Jun-09	155	138	0.2	47	0	108	0.3	9	106	70	<0.25	1.4	3	<0.5	<0.05	<2	<0.25	29	<2	15	<2
Jul-09	156	125	0.2	47	0	110	0.3	9	110	85	<0.25	1.3	3	<0.5	<0.05	<2	<0.25	30	<2	16	3
Aug-09	155	144	0.2	46	0	109	0.2	10	113	73	<0.25	1.2	2	<0.5	<0.05	<2	<0.25	15	<2		<2
Sep-09	155	135	0.2	47	0	118	0.2	9	115	84	<0.25	1.1	2	<0.5	<0.05	<2	<0.25	18	<2		<2
Oct-09	162	139	0.2	49	0	116	0.2	10	110	71	<0.25	0.9	2	<0.5	<0.05	<2	<0.25	24	<2	20	<2
Nov-09	154	138	0.2	46	0	120	0.2	10	116	81	<0.25	1.0	2	<0.5	<0.05	<2	<0.25	24	<2		<2
Dec-09	145	137	0.2	43	0	120	0.2	9	105	72	<0.25	0.7	2	<0.5	<0.05	<2	<0.25	21	<2		<2
Avg	**153**	**140**	**0.2**	**47**	**0**	**111**	**0.3**	**9**	**105**	**71**	**<0.25**	**1.8**	**3**	**<0.5**	**<0.1**	**<2**	**<0.25**	**27**	**<2**	**15**	**<2**
Min	**145**	**125**	**0.2**	**43**	**0**	**95**	**0.2**	**8**	**87**	**58**	**<0.25**	**0.7**	**2**	**<0.5**	**<0.1**	**<2**	**<0.25**	**15**	**<2**	**9**	**<2**
Max	**162**	**148**	**0.2**	**49**	**0**	**120**	**0.3**	**10**	**116**	**85**	**<0.25**	**3.8**	**4**	**<0.5**	**<0.1**	**<2**	**0.26**	**38**	**<2**	**20**	**3**

*Free Cyanide is analyzed using ASTM-D7237 for analysis of aquatic free cyanide in accordance with R8-2009-0021

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	Bis(2-ethylhexyl) phthalate	Bromodi-chloromethane	CN, Free*
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																			5.9 mo avg; 11.9 max daily	46 mo avg; 92 max daily	4.6 mo avg; 7.3 max daily
Jan-09	186	144	0.3	55	0	126	0.1	12	104	60	<0.25	1.9	5	<0.5	<0.05	<2	<0.25	27	<2	18	<2
Feb-09	180	129	0.2	54	0	123	0.2	11	89	56	<0.25	4.3	8	<0.5	<0.05	<2	<0.25	28	<2		<2
Mar-09	188	152	0.3	56	0	126	0.3	12	94	55	<0.25	0.5	7	<0.5	<0.05	<2	<0.25	29	<2		<2
Apr-09	174	159	0.3	53	0	118	0.1	11	92	57	<0.25	1.1	7	<0.5	<0.05	<2	<0.25	36	<2	14	<2
May-09	178	156	0.3	53	0	126	0.2	11	94	55	<0.25	1.5	6	<0.5	<0.05	<2	<0.25	28	<2		<2
Jun-09	176	148	0.3	52	0	128	0.3	11	99	54	<0.25	1.5	8	<0.5	<0.05	<2	<0.25	32	<2		<2
Jul-09	175	154	0.3	51	0	130	0.2	11	97	54	<0.25	1.2	5	<0.5	<0.05	<2	<0.25	27	<2	25	3
Aug-09	187	143	0.3	55	0	123	0.2	12	102	51	<0.25	1.3	6	<0.5	<0.05	<2	<0.25	27	<2	31	<2
Sep-09	174	147	0.3	53	0	131	0.2	10	98	51	<0.25	1.0	4	<0.5	<0.05	<2	<0.25	23	<2	27	<2
Oct-09	201	162	0.3	59	0	128	0.1	13	109	44	<0.25	1.0	6	<0.5	<0.05	<2	<0.25	27	<2	24	<2
Nov-09	184	157	0.3	54	0	135	<0.1	12	99	49	<0.25	1.1	7	<0.5	<0.05	<2	<0.25	33	<2	24	<2
Dec-09	189	150	0.3	56	0	150	0.1	12	101	51	<0.25	0.7	6	<0.5	<0.05	<2	<0.25	26	<2	20	<2
Avg	**183**	**150**	**0.3**	**54**	**0**	**129**	**0.2**	**11**	**98**	**53**	**<0.25**	**1.4**	**6**	**<0.5**	**<0.1**	**<2**	**<0.25**	**29**	**<2**	**23**	**<2**
Min	**174**	**129**	**0.2**	**51**	**0**	**118**	**0.1**	**10**	**89**	**44**	**<0.25**	**0.5**	**4**	**<0.5**	**<0.1**	**<2**	**<0.25**	**23**	**<2**	**14**	**<2**
Max	**201**	**162**	**0.3**	**59**	**0**	**150**	**0.3**	**13**	**109**	**60**	**<0.25**	**4.3**	**8**	**<0.5**	**<0.1**	**<2**	**<0.25**	**36**	**<2**	**31**	**3**

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	Bis(2-ethylhexyl) phthalate	Bromodi-chloromethane	CN, Free*
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																			5.9 mo avg; 11.9 max daily		4.3 mo avg; 8.5 max daily
Jan-09	180	136	0.3	54	0	128	0.1	11	106	62	<0.25	2.1	6	<0.5	<0.05	<2	<0.25	36	<2	19	<2
Feb-09	175	144	0.2	53	0	124	0.1	10	92	61	<0.25	3.7	6	<0.5	<0.05	<2	<0.25	31	<2	12	3
Mar-09	185	147	0.3	56	0	132	0.2	11	96	62	<0.25	0.7	3	<0.5	<0.05	<2	<0.25	33	<2	16	<2
Apr-09	182	137	0.3	55	0	145	0.1	11	103	67	<0.25	1.4	8	<0.5	<0.05	<2	<0.25	50	<2	21	<2
May-09	171	133	0.3	50	0	163	0.2	11	116	70	<0.25	1.4	6	<0.5	<0.05	<2	<0.25	38	<2	25	<2
Jun-09	168	137	0.3	50	0	143	0.2	10	111	65	<0.25	1.5	5	<0.5	<0.05	<2	<0.25	40	<2	27	2
Jul-09	179	130	0.3	51	0	170	0.5	13	111	69	<0.25	1.3	7	<0.5	<0.05	<2	<0.25	44	<2	24	<2
Aug-09	179	134	0.3	51	0	146	0.2	12	115	67	<0.25	1.3	6	<0.5	<0.05	<2	<0.25	37	<2		<2
Sep-09	171	128	0.3	48	0	147	0.2	12	118	74	<0.25	1.2	5	<0.5	<0.05	<2	<0.25	33	<2		<2
Oct-09	180	138	0.3	51	0	145	0.1	13	111	57	<0.25	1.1	5	<0.5	<0.05	<2	<0.25	32	<2	30	<2
Nov-09	177	150	0.3	50	0	138	<0.1	12	104	55	<0.25	1.3	7	<0.5	<0.05	<2	<0.25	40	<2		<2
Dec-09	176	132	0.3	51	0	155	<0.1	12	104	56	<0.25	0.9	8	<0.5	<0.05	<2	<0.25	32	<2		<2
Avg	**177**	**137**	**0.3**	**52**	**0**	**145**	**0.2**	**12**	**107**	**64**	**<0.25**	**1.5**	**6**	**<0.5**	**<0.1**	**<2**	**<0.25**	**37**	**<2**	**22**	**<2**
Min	**168**	**128**	**0.2**	**48**	**0**	**124**	**0.1**	**10**	**92**	**55**	**<0.25**	**0.7**	**3**	**<0.5**	**<0.1**	**<2**	**<0.25**	**31**	**<2**	**12**	**<2**
Max	**185**	**150**	**0.3**	**56**	**0**	**170**	**0.5**	**13**	**118**	**74**	**<0.25**	**3.7**	**8**	**<0.5**	**<0.1**	**<2**	**<0.25**	**50**	**<2**	**30**	**3**

*Free Cyanide is analyzed using ASTM-D7237 for analysis of aquatic free cyanide in accordance with R8-2009-0021

RP-1 (M-001B) Effluent Quarterly Data **Table No. 9a**

	Al	Sb	As	Ba	Co	Ni, TR
Date	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Jan-09	53	0.8	<2	13	<1	2
Feb-09	106	0.7	<2	11	<1	2
Mar-09	58	0.5	<2	15	<1	2
Apr-09	91	<0.5	<2	13	<1	2
May-09	60	0.6	<2	15	<1	3
Jun-09	70	0.6	<2	16	<1	3
Jul-09	67	0.6	<2	13	<1	4
Aug-09	27	0.8	<2	10	<1	3
Sep-09	22	0.6	<2	11	<1	3
Oct-09	29	0.6	<2	16	<1	3
Nov-09	34	0.6	<2	13	<1	3
Dec-09	28	<0.5	<2	10	<1	3
Avg	**54**	**0.6**	**<2**	**0**	**<1**	**3**
Min	**22**	**0.5**	**<2**	**10**	**<1**	**2**
Max	**106**	**0.8**	**<2**	**16**	**<1**	**4**

RP-1/RP-4 (M-002A) Effluent Quarterly Data **Table No. 9b**

Al	Sb	As	Ba	Co	Ni, TR
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
37	0.9	<2	10	<1	3
65	0.6	<2	10	<1	2
30	0.9	<2	15	<1	2
68	0.6	<2	15	<1	3
37	0.9	<2	14	<1	3
41	0.5	<2	15	<1	3
39	0.6	<2	12	<1	4
26	0.7	<2	11	<1	4
22	0.6	<2	11	<1	3
27	0.6	<2	15	<1	3
37	0.5	<2	13	<1	3
26	<0.5	<2	10	<1	2
38	**0.7**	**<2**	**0**	**<1**	**3**
22	**0.5**	**<2**	**10**	**<1**	**2**
68	**0.9**	**<2**	**15**	**<1**	**4**

RP-5 (M-003) Effluent Quarterly Data **Table No. 9c**

	Al	Sb	As	Ba	Co	Ni, TR
Date	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Jan-09	10	0.6	<2	11	<1	3
Feb-09	29	0.6	<2	13	<1	3
Mar-09	95	0.5	<2	13	<1	3
Apr-09	26	<0.5	<2	13	<1	3
May-09	7	<0.5	<2	14	<1	3
Jun-09	10	<0.5	<2	14	<1	3
Jul-09	9	<0.5	<2	11	<1	2
Aug-09	11	0.6	<2	13	<1	3
Sep-09	14	<0.5	<2	13	<1	4
Oct-09	22	0.5	<2	13	<1	3
Nov-09	10	<0.5	<2	17	<1	3
Dec-09	8	<0.5	<2	13	<1	3
Avg	**21**	**0.6**	**<2**	**0**	**<1**	**3**
Min	**7**	**0.5**	**<2**	**11**	**<1**	**2**
Max	**95**	**0.6**	**<2**	**17**	**<1**	**4**

CCWRF (M-004) Effluent Quarterly Data **Table No. 9d**

Al	Sb	As	Ba	Co	Ni, TR
µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
8	1.1	<2	13	<1	2
14	0.8	<2	12	<1	2
37	0.6	<2	16	<1	2
24	0.7	2	14	<1	7
7	1.0	2	12	<1	4
11	0.7	<2	9	<1	3
14	0.6	<2	11	<1	3
20	0.6	<2	10	<1	4
15	0.6	<2	11	<1	6
33	0.5	<2	10	<1	3
37	0.7	<2	13	<1	3
34	<0.5	<2	11	<1	3
21	**0.7**	**<2**	**0**	**<1**	**4**
7	**0.5**	**<2**	**9**	**<1**	**2**
37	**1.1**	**2**	**16**	**<1**	**7**

Table No. 10

	Discharged Eff Flow			TIN						Agency-wide TIN				
	RP1/RP4	RP5	CC	RP1/RP4		RP5		CC		Discharge		Limit		12-MRA
Mo-Yr										flow wt.	total	flow wt.	total	flow-wt.
		MGD		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L
Jan-09	25.0	10.5	9.8	6.4	1,340	7.0	610	6.3	510	6.5	2,460	8	5,338	6.6
Feb-09	31.7	11.4	9.7	7.4	1,950	9.9	940	6.7	540	7.8	3,430	8	5,338	6.7
Mar-09	22.8	10.8	8.2	7.3	1,390	6.2	550	6.7	460	6.9	2,400	8	5,338	6.8
Apr-09	20.8	9.7	7.1	7.0	1,220	5.5	450	6.7	400	6.6	2,070	8	5,338	6.8
May-09	22.1	9.2	7.0	6.3	1,160	4.3	330	6.0	350	5.8	1,840	8	5,338	6.6
Jun-09	18.8	9.7	6.5	6.3	980	4.3	340	4.7	260	5.4	1,580	8	5,338	6.5
Jul-09	16.8	7.7	3.7	5.5	760	4.7	300	3.7	110	5.0	1,170	8	5,338	6.4
Aug-09	11.7	8.6	3.6	4.1	400	5.4	390	3.7	110	4.5	900	8	5,338	6.3
Sep-09	14.2	7.5	3.4	3.5	420	5.1	310	3.7	100	4.0	830	8	5,338	6.0
Oct-09	18.6	7.9	6.4	4.6	710	5.2	340	4.2	220	4.6	1,270	8	5,338	5.8
Nov-09	20.9	8.2	8.9	4.7	810	4.9	330	5.2	390	4.8	1,530	8	5,338	5.7
Dec-09	31.0	8.6	9.4	5.5	1,410	5.4	380	5.7	450	5.5	2,240	8	5,338	5.6
Avg	21.2	9.1	7.0	5.7	1,050	5.6	440	5.3	330	5.6	1,810	8	5,338	6.3
Min	11.7	7.5	3.4	3.5	400	4.3	300	3.7	100	4.0	830	8	5,338	5.6
Max	31.7	11.4	9.8	7.4	1,950	9.9	940	6.7	540	7.8	3,430	8	5,338	6.8

Agency-wide TDS 12-Month Running Averages **Table No. 11**

	Flows					Total Dissolved Solids (TDS)										Agency-wide TDS				
	RP-1 M-001A*	RP-1/RP-4 M-002A*	RP-4 RW	RP-5 M-003*	CCWRF M-004*	RP-1 M-001A*		RP-1/RP-4 M-002A*		RP-4 RW		RP-5 M-003*		CCWRF M-004*		Discharge		Limit		12-MRA
Mo-Yr	MGD					mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	flow wt. mg/L	total lbs/day	flow wt. mg/L	total lbs/day	flow wt. mg/L
Jan-09	16.0	17.7	6.4	11.2	9.9	489	65,280	508	75,000	458	21,400	501	46,820	511	41,990	497	250,490	550	366,960	503
Feb-09	10.7	24.0	7.3	12.2	9.7	452	40,310	454	90,610	410	23,480	491	49,950	490	39,630	461	243,980	550	366,960	500
Mar-09	12.3	17.9	5.9	11.4	8.3	494	50,800	505	75,490	430	21,150	503	47,810	512	35,270	495	230,520	550	366,960	498
Apr-09	17.0	16.1	6.8	9.7	7.4	505	71,390	517	69,360	456	25,920	503	40,760	558	34,530	509	241,960	550	366,960	497
May-09	15.9	17.3	6.7	9.7	7.3	494	65,480	498	71,840	462	26,000	505	40,960	550	33,520	500	237,800	550	366,960	497
Jun-09	17.1	14.2	8.0	10.3	8.1	498	71,200	512	60,540	479	32,040	504	43,200	538	36,380	506	243,360	550	366,960	498
Jul-09	20.4	12.4	10.0	8.3	7.2	513	87,400	520	53,930	463	38,540	505	34,850	574	34,610	512	249,330	550	366,960	500
Aug-09	22.5	7.4	8.8	9.7	8.1	492	92,080	511	31,730	443	32,630	509	41,190	555	37,430	499	235,060	550	366,960	498
Sep-09	22.8	9.5	8.8	8.9	7.3	493	93,650	515	40,600	441	32,280	513	38,210	534	32,450	497	237,190	550	366,960	497
Oct-09	17.8	13.1	8.9	8.8	8.5	488	72,390	513	55,950	450	33,570	529	39,040	521	37,100	499	238,050	550	366,960	497
Nov-09	14.2	17.0	9.3	9.3	8.9	483	56,990	507	71,980	438	34,120	502	38,750	513	37,970	490	239,810	550	366,960	496
Dec-09	10.9	26.2	4.2	8.6	9.4	483	43,910	494	107,920	435	15,180	510	36,610	518	40,680	494	244,300	550	366,960	496
Avg	16.5	16.1	7.6	9.8	8.3	490	67,570	504	67,080	447	28,030	506	41,510	531	36,800	497	240,990	550	366,960	498
Min	10.7	7.4	4.2	8.3	7.2	452	40,310	454	31,730	410	15,180	491	34,850	490	32,450	461	230,520	550	366,960	496
Max	22.8	26.2	10.0	12.2	9.9	513	93,650	520	107,920	479	38,540	529	49,950	574	41,990	512	250,490	550	366,960	503

NOTES: *TDS flow includes discharged effluent flow and recycled water flow, with the exception of RP-4 recycled water (no dechlorination). Recycled water is distributed prior to dechlorination, but TDS is sampled end-of-pipe, therefore flow-weighted values in the water supply report are higher than actual values.

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2009 NPDES Annual Report
RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 16a

RP-1 (M-001B) Effluent Remaining Priority Pollutant Metals, µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Max.**
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**
Thallium (Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
RP-1 (M-001B) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L													
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
2-Chloroethyl vinyl ether	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Benzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Bromodichloromethane	15	15	14	13	16	16	16			17			**17**
Bromoform	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Bromomethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chloroform	67	73	64	71	74	50	57			45			**74**
Chloromethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Dibromochloromethane	3	2	3	2	3	4	3			5			**5**
Ethylbenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Methylene chloride	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Toluene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Trichloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Trichlorofluoromethane	<2	<2	<2	<2	<2	<2	<2			<2			**<2**
Vinyl chloride	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Acrolein				<2									**<2**
Acrylonitrile				<2									**<2**

INLAND EMPIRE UTILITIES AGENCY
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RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 16b

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	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4,6-Trichlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dichlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2,4-Dimethylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dinitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
2,4-Dinitrotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,6-Dinitrotoluene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Chloronaphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Chlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Methyl-4,6-dinitrophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Nitrophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
3,3-Dichlorobenzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
4-Bromophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chloro-3-methylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chlorophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Nitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
Acenaphthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Acenaphthylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Azobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)anthracene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(b)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(g,h,i)perylene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Benzo(k)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroethoxy)methane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Bis(2-chloroethyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroisopropyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Butyl benzyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Chrysene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Dibenzo(a,h)anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Diethyl phthalate	<2	<2	<2	<2	<2	<2	5	<2	<2	<2	<2	<2	**5**
Dimethyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-butyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-octyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluorene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorocyclopentadiene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Hexachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Indeno(1,2,3-cd)pyrene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Isophorone	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Naphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Nitrobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodimethylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitroso-di-n-propylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodiphenylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pentachlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Phenanthrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Phenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
TCDD Scan				ND									**ND**

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2009 NPDES Annual Report
RP-1 (M-001B) Effluent Remaining Priority Pollutants

Table 16c

RP-1 (M-001B) Effluent Pesticides (EPA Method 608), µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Max.**
4,4-DDD	<0.006			<0.006									**<0.006**
4,4-DDE	<0.006			<0.006									**<0.006**
4,4-DDT	<0.008			<0.008									**<0.008**
Aldrin	<0.004			<0.004									**<0.004**
Alpha-BHC	<0.008			<0.008									**<0.008**
Beta-BHC	<0.005			<0.005									**<0.005**
Delta-BHC	<0.007			<0.007									**<0.007**
Dieldrin	<0.006			<0.006									**<0.006**
Endosulfan I	<0.01			<0.01									**<0.01**
Endosulfan II	<0.007			<0.007									**<0.007**
Endosulfan Sulfate	<0.009			<0.009									**<0.009**
Endrin	<0.009			<0.009									**<0.009**
Endrin aldehyde	<0.006			<0.006									**<0.006**
Gamma-BHC	<0.01			<0.01									**<0.01**
Heptachlor	<0.006			<0.006									**<0.006**
Heptachlor epoxide	<0.007			<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 Semiannual Dioxins & Furans, pg/L													
2,3,7,8-TetraCDD				<10									**<10**
1,2,3,7,8-PentaCDD				<50									**<50**
1,2,3,4,7,8-HexaCDD				<50									**<50**
1,2,3,6,7,8-HexaCDD				<50									**<50**
1,2,3,7,8,9-HexaCDD				<50									**<50**
1,2,3,4,6,7,8-HeptaCDD				<50									**<50**
OctaCDD				<100									**<100**
2,3,7,8-TetraCDF				<10									**<10**
1,2,3,7,8-PentaCDF				<50									**<50**
2,3,4,7,8-PentaCDF				<50									**<50**
1,2,3,4,7,8-HexaCDF				<50									**<50**
1,2,3,6,7,8-HexaCDF				<50									**<50**
1,2,3,7,8,9-HexaCDF				<50									**<50**
2,3,4,6,7,8-HexaCDF				<50									**<50**
1,2,3,4,6,7,8-HeptaCDF				<50									**<50**
1,2,3,4,7,8,9-HeptaCDF				<50									**<50**
OctaCDF				<100									**<100**
Tot. 2,3,7,8-TCDD Equivalence				0.0									**0.0**

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2009 NPDES Annual Report
RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 17a

RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutant Metals, µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Max.**
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**
Thallium (Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
RP-1/RP-4 (M-002A) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L													
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
2-Chloroethyl vinyl ether	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Benzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Bromodichloromethane	9	15	13	14	15	15	16			20			**20**
Bromoform	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Bromomethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chloroform	44	72	54	69	54	48	57			50			**72**
Chloromethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Dibromochloromethane	<1	2	3	2	3	3	3			5			**5**
Ethylbenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Methylene chloride	61	<1	<1	<1	<1	<1	<1			<1			**61**
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Toluene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Trichloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Trichlorofluoromethane	<2	<2	<2	<2	<2	<2	<2			<2			**<2**
Vinyl chloride	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Acrolein				<2									**<2**
Acrylonitrile				<2									**<2**

Table 17b

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	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4,6-Trichlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dichlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2,4-Dimethylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dinitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
2,4-Dinitrotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,6-Dinitrotoluene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Chloronaphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Chlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Methyl-4,6-dinitrophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Nitrophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
3,3-Dichlorobenzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
4-Bromophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chloro-3-methylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chlorophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Nitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
Acenaphthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Acenaphthylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Azobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)anthracene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(b)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(g,h,i)perylene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Benzo(k)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroethoxy)methane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Bis(2-chloroethyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroisopropyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Butyl benzyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Chrysene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Dibenzo(a,h)anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Diethyl phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Dimethyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-butyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-octyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluorene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorocyclopentadiene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Hexachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Indeno(1,2,3-cd)pyrene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Isophorone	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Naphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Nitrobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodimethylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitroso-di-n-propylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodiphenylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pentachlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Phenanthrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Phenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
TCDD Scan				ND									**ND**

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2009 NPDES Annual Report
RP-1/RP-4 (M-002A) Effluent Remaining Priority Pollutants

Table 17c

RP-1/RP-4 (M-002A) Effluent Pesticides (EPA Method 608), µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Max.**
4,4-DDD	<0.006			<0.006									**<0.006**
4,4-DDE	<0.006			<0.006									**<0.006**
4,4-DDT	<0.008			<0.008									**<0.008**
Aldrin	<0.004			<0.004									**<0.004**
Alpha-BHC	<0.008			<0.008									**<0.008**
Beta-BHC	<0.005			<0.005									**<0.005**
Delta-BHC	<0.007			<0.007									**<0.007**
Dieldrin	<0.006			<0.006									**<0.006**
Endosulfan I	<0.01			<0.01									**<0.01**
Endosulfan II	<0.007			<0.007									**<0.007**
Endosulfan Sulfate	<0.009			<0.009									**<0.009**
Endrin	<0.009			<0.009									**<0.009**
Endrin aldehyde	<0.006			<0.006									**<0.006**
Gamma-BHC	<0.01			<0.01									**<0.01**
Heptachlor	<0.006			<0.006									**<0.006**
Heptachlor epoxide	<0.007			<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 Semiannual Dioxins & Furans, pg/L													
2,3,7,8-TetraCDD				<10									**<10**
1,2,3,7,8-PentaCDD				<50									**<50**
1,2,3,4,7,8-HexaCDD				<50									**<50**
1,2,3,6,7,8-HexaCDD				<50									**<50**
1,2,3,7,8,9-HexaCDD				<50									**<50**
1,2,3,4,6,7,8-HeptaCDD				<50									**<50**
OctaCDD				<100									**<100**
2,3,7,8-TetraCDF				<10									**<10**
1,2,3,7,8-PentaCDF				<50									**<50**
2,3,4,7,8-PentaCDF				<50									**<50**
1,2,3,4,7,8-HexaCDF				<50									**<50**
1,2,3,6,7,8-HexaCDF				<50									**<50**
1,2,3,7,8,9-HexaCDF				<50									**<50**
2,3,4,6,7,8-HexaCDF				<50									**<50**
1,2,3,4,6,7,8-HeptaCDF				<50									**<50**
1,2,3,4,7,8,9-HeptaCDF				<50									**<50**
OctaCDF				<100									**<100**
Tot. 2,3,7,8-TCDD Equivalence				0.0									**0.0**

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

Table 18a

RP-5 (M-003) Effluent Remaining Priority Pollutant Metals, µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Max.**
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**
Thallium (Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
RP-5 (M-003) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L													
1,1,1-Trichloroethane	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
1,1,2,2-Tetrachloroethane	<0.5			<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**<0.5**
1,1,2-Trichloroethane	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
1,1-Dichloroethane	<0.5			<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**<0.5**
1,1-Dichloroethene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
1,2-Dichlorobenzene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
1,2-Dichloroethane	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
1,2-Dichloropropane	<0.5			<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**<0.5**
1,3-Dichlorobenzene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
1,4-Dichlorobenzene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
2-Chloroethyl vinyl ether	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Benzene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Bromodichloromethane	18			14			25	31	27	24	24	20	**31**
Bromoform	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Bromomethane	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Carbon tetrachloride	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Chlorobenzene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Chloroethane	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Chloroform	42			38			48	69	50	45	60	49	**69**
Chloromethane	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
cis-1,3-Dichloropropene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Dibromochloromethane	5			4			8	9	9	7	7	5	**9**
Ethylbenzene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Methylene chloride	4			<1			<1	<1	<1	<1	<1	<1	**4**
Tetrachloroethene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Toluene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
trans-1,2-Dichloroethene	<0.5			<0.5			<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**<0.5**
trans-1,3-Dichloropropene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Trichloroethene	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Trichlorofluoromethane	<2			<2			<2	<2	<2	<2	<2	<2	**<2**
Vinyl chloride	<1			<1			<1	<1	<1	<1	<1	<1	**<1**
Acrolein	<2												**<2**
Acrylonitrile	<2												**<2**

Table 18b

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	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4,6-Trichlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dichlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2,4-Dimethylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dinitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
2,4-Dinitrotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,6-Dinitrotoluene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Chloronaphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Chlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Methyl-4,6-dinitrophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Nitrophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
3,3-Dichlorobenzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
4-Bromophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chloro-3-methylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chlorophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Nitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
Acenaphthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Acenaphthylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Azobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)anthracene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(b)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(g,h,i)perylene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Benzo(k)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroethoxy)methane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Bis(2-chloroethyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroisopropyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Butyl benzyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Chrysene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Dibenzo(a,h)anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Diethyl phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Dimethyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-butyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-octyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluorene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorocyclopentadiene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Hexachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Indeno(1,2,3-cd)pyrene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Isophorone	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Naphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Nitrobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodimethylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitroso-di-n-propylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodiphenylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pentachlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Phenanthrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Phenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
TCDD Scan	ND												**ND**

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

Table 18c

RP-5 (M-003) Effluent Pesticides (EPA Method 608), µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**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 Semiannual Dioxins & Furans, pg/L													
2,3,7,8-TetraCDD				<10			<10			<9.43			**<10**
1,2,3,7,8-PentaCDD				<50			<50			<47.2			**<50**
1,2,3,4,7,8-HexaCDD				<50			<50			<47.2			**<50**
1,2,3,6,7,8-HexaCDD				<50			<50			<47.2			**<50**
1,2,3,7,8,9-HexaCDD				<50			<50			<47.2			**<50**
1,2,3,4,6,7,8-HeptaCDD				<50			<50			<47.2			**<50**
OctaCDD				<100			<100			<94.3			**<100**
2,3,7,8-TetraCDF				<10			<10			<9.43			**<10**
1,2,3,7,8-PentaCDF				<50			<50			<47.2			**<50**
2,3,4,7,8-PentaCDF				<50			<50			<47.2			**<50**
1,2,3,4,7,8-HexaCDF				<50			<50			<47.2			**<50**
1,2,3,6,7,8-HexaCDF				<50			<50			<47.2			**<50**
1,2,3,7,8,9-HexaCDF				<50			<50			<47.2			**<50**
2,3,4,6,7,8-HexaCDF				<50			<50			<47.2			**<50**
1,2,3,4,6,7,8-HeptaCDF				<50			<50			<47.2			**<50**
1,2,3,4,7,8,9-HeptaCDF				<50			<50			<47.2			**<50**
OctaCDF				<100			<100			<94.3			**<100**
Tot. 2,3,7,8-TCDD Equivalence				0.0			0.0			0.0			**0.0**

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CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 19a

CCWRF (M-004) Effluent Remaining Priority Pollutant Metals, µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Max.**
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**
Thallium (Tl)	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
CCWRF (M-004) Effluent Volatile Organics (EPA Methods 624, 601/602), µg/L													
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,1,2,2-Tetrachloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,1-Dichloroethane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,2-Dichloropropane	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
2-Chloroethyl vinyl ether	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Benzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Bromodichloromethane	19	12	16	21	25	27	24			30			**30**
Bromoform	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Bromomethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chlorobenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chloroethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Chloroform	43	44	78	46	60	59	38			56			**78**
Chloromethane	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Dibromochloromethane	6	2	3	6	7	7	8			9			**9**
Ethylbenzene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Methylene chloride	7	<1	<1	<1	<1	<1	<1			<1			**7**
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Toluene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
trans-1,2-Dichloroethene	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			<0.5			**<0.5**
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Trichloroethene	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Trichlorofluoromethane	<2	<2	<2	<2	<2	<2	<2			<2			**<2**
Vinyl chloride	<1	<1	<1	<1	<1	<1	<1			<1			**<1**
Acrolein	<2			<2									**<2**
Acrylonitrile	<2			<2									**<2**

Table 19b

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	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4,6-Trichlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dichlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2,4-Dimethylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,4-Dinitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
2,4-Dinitrotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2,6-Dinitrotoluene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Chloronaphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Chlorophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
2-Methyl-4,6-dinitrophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
2-Nitrophenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
3,3-Dichlorobenzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
4-Bromophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chloro-3-methylphenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Chlorophenyl phenyl ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
4-Nitrophenol	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	**<3**
Acenaphthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Acenaphthylene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Azobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzidine	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)anthracene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Benzo(a)pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(b)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Benzo(g,h,i)perylene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Benzo(k)fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroethoxy)methane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Bis(2-chloroethyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-chloroisopropyl)ether	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Bis(2-ethylhexyl)phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Butyl benzyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Chrysene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Dibenzo(a,h)anthracene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Diethyl phthalate	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Dimethyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-butyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Di-n-octyl phthalate	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluoranthene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Fluorene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorobutadiene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Hexachlorocyclopentadiene	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	**<5**
Hexachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Indeno(1,2,3-cd)pyrene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Isophorone	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Naphthalene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Nitrobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodimethylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitroso-di-n-propylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
N-Nitrosodiphenylamine	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pentachlorophenol	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	**<2**
Phenanthrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Phenol	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
Pyrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	**<1**
TCDD Scan				ND									**ND**

INLAND EMPIRE UTILITIES AGENCY
Regional Plant Nos. 1, 4, 5, & Carbon Canyon Water Reclamation Facility, 2009 NPDES Annual Report
CCWRF (M-004) Effluent Remaining Priority Pollutants

Table 19c

CCWRF (M-004) Effluent Pesticides (EPA Method 608), µg/L													Annual
Constituent	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Max.**
4,4-DDD	<0.006			<0.006									**<0.006**
4,4-DDE	<0.006			<0.006									**<0.006**
4,4-DDT	<0.008			<0.008									**<0.008**
Aldrin	<0.004			<0.004									**<0.004**
Alpha-BHC	<0.008			<0.008									**<0.008**
Beta-BHC	<0.005			<0.005									**<0.005**
Delta-BHC	<0.007			<0.007									**<0.007**
Dieldrin	<0.006			<0.006									**<0.006**
Endosulfan I	<0.01			<0.01									**<0.01**
Endosulfan II	<0.007			<0.007									**<0.007**
Endosulfan Sulfate	<0.009			<0.009									**<0.009**
Endrin	<0.009			<0.009									**<0.009**
Endrin aldehyde	<0.006			<0.006									**<0.006**
Gamma-BHC	<0.01			<0.01									**<0.01**
Heptachlor	<0.006			<0.006									**<0.006**
Heptachlor epoxide	<0.007			<0.007									**<0.007**
Chlordane	<0.1			<0.1									**<0.1**
PCB-1016	<0.5			<0.5									**<0.5**
PCB-1221	<0.5			<0.5									**<0.5**
PCB-1232	<0.5			<0.5									**<0.5**
PCB-1242	<0.5			<0.5									**<0.5**
PCB-1248	<0.5			<0.5									**<0.5**
PCB-1254	<0.5			<0.5									**<0.5**
PCB-1260	<0.5			<0.5									**<0.5**
Toxaphene	<0.5			<0.5									**<0.5**
CCWRF (M-004) Effluent Semiannual Dioxins & Furans, pg/L													
2,3,7,8-TetraCDD				<10			<10			<9.09			**<10**
1,2,3,7,8-PentaCDD				<50			<50			<45.5			**<50**
1,2,3,4,7,8-HexaCDD				<50			<50			<45.5			**<50**
1,2,3,6,7,8-HexaCDD				<50			<50			<45.5			**<50**
1,2,3,7,8,9-HexaCDD				<50			<50			<45.5			**<50**
1,2,3,4,6,7,8-HeptaCDD				<50			<50			<45.5			**<50**
OctaCDD				<100			<100			<90.9			**<100**
2,3,7,8-TetraCDF				<10			<10			<9.09			**<10**
1,2,3,7,8-PentaCDF				<50			<50			<45.5			**<50**
2,3,4,7,8-PentaCDF				<50			<50			<45.5			**<50**
1,2,3,4,7,8-HexaCDF				<50			<50			<45.5			**<50**
1,2,3,6,7,8-HexaCDF				<50			<50			<45.5			**<50**
1,2,3,7,8,9-HexaCDF				<50			<50			<45.5			**<50**
2,3,4,6,7,8-HexaCDF				<50			<50			<45.5			**<50**
1,2,3,4,6,7,8-HeptaCDF				<50			<50			<45.5			**<50**
1,2,3,4,7,8,9-HeptaCDF				<50			<50			<45.5			**<50**
OctaCDF				<100			<100			<9.09			**<100**
Tot. 2,3,7,8-TCDD Equivalence				0.0			0.0			0.0			**0.0**

APPENDIX B

Recycled Water Users and Demands

Appendix D

Recycled Water Users and Demands

Inland Empire Utilties Agency			
Recycled Water Customer	**Type**	**Address**	**FY 09-10 Total Delivery (AFY)**
Chino Creek Park	Landscape Irrigation	6075 Kimball ave.	17.76
Greenlee Nursery	Landscape Irrigation	15993 El Prado Rd.	7.55
IEUA Headquarters	Landscape Irrigation/Toilet	6075 Kimball Ave.	3.72
Chino Creek Park	Evaporation/Percolation	6075 Kimball ave.	159.04
El Prado Golf Course	Landscape Irrigation	6555 Pine Ave.	221.04
El Prado Regional Park	Landscape Irrigation	16700 S. Euclid Ave.	1029.62
Total Landscape			**1,438.73**
Ely	Recharge		246
Banana	Recharge		898
RP-3	Recharge		2049
Turner	Recharge		397
7th & 8th St	Recharge		1067
Brooks Basin	Recharge		1695
Hickory	Recharge		856
Total Recharge			**7,208.00**
IERCF	Dust Control & Process	12645 6th street	12.03
Reliant Energy	Industrial		617.92
Total Industrial			629.95
TOTAL IEUA			9,276.68

Appendix D
Recycled Water Users and Demands

City of Ontario			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
24 Hr Fitness	Landscape Irrigation	2580 S Archibald	0.73
925 Reservoir	Landscape Irrigation	1495 S Dupont	6.51
ACCO North America	Landscape Irrigation	2830 E Philadelphia	3.78
AEG Ontario Arena	Landscape Irrigation	4000 E Ontario Center Pkwy	12.37
AEG Ontario Arena	Landscape Irrigation	4000 E Ontario Center Pkwy	9.75
AEG Ontario Arena	Landscape Irrigation	4000 E Ontario Center Pkwy	10.76
Akzo Nobel Coatings (Haven B)	Landscape Irrigation	2160 S Haven	0.54
AM PM Arco	Landscape Irrigation	4525 E Jurupa	0.39
Archibald & Philadelphia Owners	Landscape Irrigation	2300 S Archibald Ave	0.48
Archibald & Philadelphia Owners	Landscape Irrigation	2200 S Archibald Ave	6.23
Archibald & Philadelphia Owners	Landscape Irrigation	2320-2330 S Archibald	2.06
Archibald & Philadelphia Owners	Landscape Irrigation	2260 S Archibald Ave	4.78
Archibald & Philadelphia Owners	Landscape Irrigation	2340 S Archibald Ave	0.15
Arrowood Invest	Landscape Irrigation	2155 S Excise	4.37
Bedford Properties	Landscape Irrigation	4200 E Jurupa	0.37
Bedford Properties	Landscape Irrigation	1460 S Milliken	0.42
Bedford Properties	Landscape Irrigation	4100 E Jurupa	1.02
Bedford Properties	Landscape Irrigation	1420 S Milliken	0.20
Boyd Coffee (JMS Wineville)	Landscape Irrigation	170 S Wineville Ave	1.05
C/O Guasti Park	Landscape Irrigation	800 N Archibald	140.74
Caliber Collision	Landscape Irrigation	250 S Wineville Ave	0.92
Caliber Collision	Landscape Irrigation	200 S Wineville Ave	0.75
Calif Com Cntr Owners (North)	Landscape Irrigation	300 S Milliken	4.04
Calif Com Cntr Owners (North)	Landscape Irrigation	1 S Rockefeller	2.69
Calif Com Cntr Owners (North)	Landscape Irrigation	4151 E Jurupa	5.71
Calif Com Cntr Owners (North)	Landscape Irrigation	1 S Milliken	2.48
Calif Com Cntr Owners (North)	Landscape Irrigation	1 S Rockefeller	1.25
Calif Com Cntr Owners (North)	Landscape Irrigation	4081 E Airport	3.66
Calif Com Cntr Owners (North)	Landscape Irrigation	1 E Jurupa	6.00
Calif Com Cntr Owners (North)	Landscape Irrigation	4202 E Airport	5.35
Calif Com Cntr Owners (North)	Landscape Irrigation	4400 E Jurupa	3.21
Calif Com Cntr Owners (North)	Landscape Irrigation	1380 S milliken	6.26
Calif Commerce Center (South)	Landscape Irrigation	2924 E Philadelphia	4.65
Calif Commerce Center (South)	Landscape Irrigation	2030 S Haven	0.46
Calif Commerce Center (South)	Landscape Irrigation	2021 S Archibald Ave	5.76
Calif Commerce Center (South)	Landscape Irrigation	2626 E Cedar St	6.48
Calif Commerce Center (South)	Landscape Irrigation	2764 E Philadelphia	4.42
Calif Commerce Center (South)	Landscape Irrigation	2190 S Excise	11.88
Calif Commerce Center (South)	Landscape Irrigation	2924 E Philadelphia	2.52
Caterpillar Logistics	Landscape Irrigation	4305 E Jurupa	1.92
CBWCD Ely Basin #3	Landscape Irrigation	2095 S Vineyard Ave	3.21
Chaffey High School	Landscape Irrigation	500 W Fourth	0.56
Chevron Land	Landscape Irrigation	840 N Haven	9.11
Chevron Land	Landscape Irrigation	3299 E Inland Empire	12.78
Chevron Land	Landscape Irrigation	980 N Haven	6.95
Cintas	Landscape Irrigation	2150 S Proforma	1.30
City of Ontario (Fire Station #6)	Landscape Irrigation	2931 E Philadelphia	1.60

Appendix D
Recycled Water Users and Demands

City of Ontario			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
City of Ontario (Soccer Complex)	Landscape Irrigation	2400 E Philadelphia	53.72
City of Ontario Utilities	Landscape Irrigation	1495 S Dupont	3.20
CK Restaurants	Landscape Irrigation	4555 E Jurupa St	2.03
Concours Plaza	Landscape Irrigation	3333 E Concours St	8.41
Concours Retail	Landscape Irrigation	3491 E Concours St	3.85
Craitenberger, Michael	Landscape Irrigation	650 S Wineville Ave	1.48
Del Norte Elementary School	Landscape Irrigation	850 N Del Norte Ave	16.78
Dial Chemical	Landscape Irrigation	600 S Wineville Ave	0.88
Dura Coat Powder Coating	Landscape Irrigation	190 S Wineville Ave	0.47
Empire Towers III	Landscape Irrigation	4200 E Concours	0.69
Empire Towers IV	Landscape Irrigation	3800 E Concours	0.32
Feed the Children	Landscape Irrigation	2551 E Philadelphia	3.02
Ferrari Corporate Center	Landscape Irrigation	4150 E Concours	5.06
Flags Importer	Landscape Irrigation	1700 S Milliken	5.33
G & K Services	Landscape Irrigation	3465 E Cedar	1.81
Haliburton International	Landscape Irrigation	2539 E Philadelphia	2.80
Hino Motor Mfg.	Landscape Irrigation	209 S Milliken	0.96
HMC Architects	Landscape Irrigation	3546 E Concours	7.50
ITI Performance Motor Sports	Landscape Irrigation	800 S Wineville Ave	0.86
Kaiser Hospital	Landscape Irrigation	2295 S Vineyard Ave	18.22
Khaloghli Khosro (Spectrum)	Landscape Irrigation	4295 E Jurupa	1.65
Kohl's A	Landscape Irrigation	1051 N Milliken	4.17
Kohl's B	Landscape Irrigation	1051 N Milliken	4.71
Landmark at Ontario Towne LLC	Landscape Irrigation	950 N Duesenberg	10.49
Landmark at Ontario Towne LLC	Landscape Irrigation	950 N Duesenberg	10.53
Lord Baltimore Properties	Landscape Irrigation	3990 E Concours	0.91
Mabela LP	Landscape Irrigation	1865 E Fourth St	2.20
Mathis Brothers	Landscape Irrigation	4105 E Inland Empire	8.20
Mathis Brothers	Landscape Irrigation	4105 E Inland Empire	9.02
Mintra Corp	Landscape Irrigation	1690 S Milliken	8.02
Niagara Bottling LLC	Landscape Irrigation	2560 E Philadelphia	1.13
Ontario Cemetery (Bellevue)	Landscape Irrigation	1240 W G Street	87.80
Ontario Center (Founders Garden)	Landscape Irrigation	3994 E Concours	32.09
Ontario Center Owners Assoc.	Landscape Irrigation	902 N Turner	6.38
Ontario Center Owners Assoc.	Landscape Irrigation	950 N Center	5.97
Ontario Center Owners Assoc.	Landscape Irrigation	1025 N Center	2.59
Ontario Center Owners Assoc.	Landscape Irrigation	4198 E Concours	8.93
Ontario Center Owners Assoc.	Landscape Irrigation	4004 E Fourth	9.73
Ontario Center Owners Assoc.	Landscape Irrigation	4004 E Fourth	3.30
Ontario Center Owners Assoc.	Landscape Irrigation	3500 E Concours	7.46
Ontario Center Owners Assoc.	Landscape Irrigation	950 N Duesenberg	3.20
Ontario Commerce Park	Landscape Irrigation	801 S Dupont	0.96
Ontario Montclair (Corona ES)	Landscape Irrigation	1040 N Corona Ave	17.11
Ontario Montclair (Elderberry ES)	Landscape Irrigation	930 N Elderberry	1.25
Ontario Montclair (Vineyard ES)	Landscape Irrigation	1500 E Sixth St.	22.25
Panattoni Development	Landscape Irrigation	2250 S Archibald Ave	0.63
Panattoni Development (MT Airport)	Landscape Irrigation	285 S Dupont	0.80

Appendix D
Recycled Water Users and Demands

City of Ontario			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
Parks Dept. (Arch Median North)	Landscape Irrigation	2289 S Archibald Ave	0.45
Parks Dept. (Arch Median South)	Landscape Irrigation	2442 S Arcchibald Ave	1.11
Parks Dept. (Galvin Park East)	Landscape Irrigation	1 Galvin Park	19.58
Parks Dept. (Galvin Park Latimer)	Landscape Irrigation	1 Galvin Park	12.26
Parks Dept. (Galvin Park West)	Landscape Irrigation	1153 E I St.	15.10
Parks Dept. (Grove Memorial)	Landscape Irrigation	1 City - East I St.	17.03
Parks Dept. (Munoz Park)	Landscape Irrigation	1200 W Fourth	38.28
Parks Dept. (Speedway Park)	Landscape Irrigation	915 N Center	21.18
Parks Dept. (Vineyard Park)	Landscape Irrigation	1400 E Sixth	10.58
Piemonte Business Park	Landscape Irrigation	4004 E Fourth	0.54
Piemonte Business Park	Landscape Irrigation	4004 E Fourth	2.05
Piemonte Business Park	Landscape Irrigation	4004 E Fourth	0.73
Piemonte Business Park	Landscape Irrigation	4004 E Fourth	1.11
Piemonte Business Park	Landscape Irrigation	4004 E Fourth	2.01
Piemonte Business Park (Best Buy)	Landscape Irrigation	4190 E Fourth	4.67
Pier 1 Imports	Landscape Irrigation	3000 E Philadelphia	8.94
Pier 1 Imports	Landscape Irrigation	3000 E Philadelphia	3.38
PPRII Piemonte Ont. LLC (5-Story)	Landscape Irrigation	901 N Via Piemonte	3.27
Proforma Ontario (Cust. Dist.)	Landscape Irrigation	2151 S Proforma	21.81
ProLogis	Landscape Irrigation	4091 E Francis	10.49
ProLogis	Landscape Irrigation	3510 E Francis	5.07
ProLogis	Landscape Irrigation	3550 E Francis	9.28
ProLogis	Landscape Irrigation	4060 E Francis	9.09
ProLogis	Landscape Irrigation	3550 E Francis	7.32
ProLogis	Landscape Irrigation	3510 E Francis	4.23
ProLogis	Landscape Irrigation	4060 E Francis	6.09
Roshan LLC (La Galleria at the Mills)	Landscape Irrigation	4323 E Mills Cir	2.69
Ruth Concours LLC	Landscape Irrigation	3536 E Concours	4.88
Sierra Insulation	Landscape Irrigation	120 S Wineville Ave	0.37
State/Caltrans	Landscape Irrigation	2448 S Archibald Ave	82.94
State/Caltrans	Landscape Irrigation	2291 S Archibald Ave	21.11
Target	Landscape Irrigation	4200 E Fourth	7.52
The People Movers	Landscape Irrigation	150 S Wineville Ave	0.36
Top & Tech	Landscape Irrigation	400 S Wineville Ave	1.57
Top Gun Paint & Body (Ontario Collision Center)	Landscape Irrigation	450 S Wineville Ave	0.78
Toyota	Landscape Irrigation	1425 S Toyota Way	24.78
Toyota	Landscape Irrigation	1425 S Toyota Way	22.93
Toyota	Landscape Irrigation	1425 S Toyota Way	19.79
Toyota	Landscape Irrigation	1425 S Toyota Way	16.27
Toyota	Landscape Irrigation	1425 S Toyota Way	30.33
Toyota	Landscape Irrigation	1425 S Toyota Way	14.35
Toyota	Landscape Irrigation	1425 S Toyota Way	22.81
Utility Board	Landscape Irrigation	100 S Wineville Ave	0.82
Vina Danks Junior High	Landscape Irrigation	1020 N Vine	13.03
Vineyard Park Maintenance Corp.	Landscape Irrigation	2424 E Fourth	4.12
Vintage Apts.	Landscape Irrigation	955 N Duesenberg	2.39
Vintage Apts.	Landscape Irrigation	955 N Duesenberg	2.52

Appendix D
Recycled Water Users and Demands

City of Ontario			
Recycled Water Customer	**Type**	**Address**	**FY 09-10 Total Delivery (AFY)**
Wella Manufacturing	Landscape Irrigation	950 S Dupont	0.62
Westwind Park	Landscape Irrigation	2539 E Riverside Dr	76.68
Whispering Lakes Golf Course	Landscape Irrigation	2525 E Riverside Dr	558.02
Total Ontario Landscape Irrigation			**1,898.79**
Bootsma Farm (ORW-20)	Agricultural Irrigation	7721 E Edison	82.50
Cleveland Farms	Agricultural Irrigation	7565 Eucalyptus	286.50
Cleveland Farms	Agricultural Irrigation	15133 Carpenter	118.57
Cleveland Farms	Agricultural Irrigation	8061 E Edison	109.44
Cleveland Farms	Agricultural Irrigation	7511 E Eucalyptus	515.15
Cleveland Farms	Agricultural Irrigation	14451 Bon View	8.73
Cleveland Farms	Agricultural Irrigation	9155 E Riverside Dr.	224.85
LaBrucherie Farms	Agricultural Irrigation	9343 E Edison Ave	497.88
Legend Dairies (Petersma)	Agricultural Irrigation	7233 E Eucalyptus	194.75
Lewis, Samuel	Agricultural Irrigation	9491 E Edison Ave	649.20
Li Yuan Farms	Agricultural Irrigation	9110 E Edison Ave	140.96
Li Yuan Farms	Agricultural Irrigation	9110 E Edison Ave	67.29
Western Oriental Growers	Agricultural Irrigation	9119 E Schaeffer	120.11
Western Oriental Growers	Agricultural Irrigation	9091 E. Edison Ave	250.84
Western Oriental Growers	Agricultural Irrigation	9091 E. Edison Ave	289.93
Yoog II Farm Inc.	Agricultural Irrigation	14133 Carpenter Ave	147.35
Total Ontario Agricultural Irrigation			**3,704.05**
Oak Hill Court HOA	Construction	2750 E Archibald	5.69
Total Ontario Construction			**5.69**
Cintas	Industrial	2150 S Proforma	29.23
Fruit Growers	Industrial	225 S Winneville	26.49
Temple Inland	Industrial	5100 E Jurupa	13.53
Total Ontario Industrial			**69.25**
Total Ontario			**5,677.78**

Appendix D
Recycled Water Users and Demands

City of Chino			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
AGAVE NEIGHBORHOOD ASSOCIATION	Landscape Irrigation	8100 W PRESERVE LOOP #SPR-RC	1.33
ALL COAST FOREST PRODUCTS	Landscape Irrigation	13880 MONTE VISTA AVE #RC	7.80
AMERICAN POWER CONVERSION	Landscape Irrigation	14725 MONTE VISTA AVE #SPR-RC	7.05
AMERICAN POWER CONVERSION	Landscape Irrigation	14875 MONTE VISTA AVE #SPR-RC	7.22
BANK OF THE WEST	Landscape Irrigation	BICKMORE/HUNTINGTON GARDEN SPR	1.04
BREHM COMMUNITIES/PINE	Landscape Irrigation	BICKMORE/HUNTINGTON GARDEN SPR	3.29
Cal Aero Academy (K-8 SCHOOL)	Landscape Irrigation	8150 GARDEN PARK SCHOOL #SPR	19.56
CENTRAL BUSINESS OWNERS ASSOC	Landscape Irrigation	13931-13965 CENTRAL AVE #SPR	4.92
CENTRAL PARK ASSOCIATES	Landscape Irrigation	14508 CENTRAL AVE	9.05
CENTRAL PARK ASSOCIATES	Landscape Irrigation	14760 CENTRAL AVE	8.49
CENTRAL PARK INDUSTRIAL PARTNERS	Landscape Irrigation	14602-14698 CENTRAL AVE	6.12
CHAFFEY COLLEGE	Landscape Irrigation	5890 COLLEGE PARK AVE	7.24
CHAFFEY COLLEGE	Landscape Irrigation	5897 COLLEGE PARK AVE #SPR-RC	3.19
CHANDLER REAL PROPERTIES	Landscape Irrigation	15342 EL PRADO RD #SPR-RC	4.10
CHINO DEVELOPMENT CORPORATION	Landscape Irrigation	PRESERVE/RINCON MW HYD-RC	2.60
CHINO DEVELOPMENT CORPORATION	Landscape Irrigation	WETLANDS PROJECT	59.01
CHINO HILLS FORD	Landscape Irrigation	4480 CHINO HILLS PKWY #SPR-RC	8.86
CHINO INDUSTRIAL COMMONS	Landscape Irrigation	5505 DANIELS ST #SPR RC	2.43
CHINO INDUSTRIAL COMMONS-OWNERS	Landscape Irrigation	5625 DANIELS ST #SPR RC	3.37
CITRUS COMMONS	Landscape Irrigation	PARKSIDE/WEST PRES #SPR RC	8.60
CITY OF CHINO	Landscape Irrigation	5604 COLLEGE PARK AVE #SPR-RC	148.10
CITY OF CHINO	Landscape Irrigation	EDISON AVE BIKE TRAIL	20.88
CITY OF CHINO AYALA PARK	Landscape Irrigation	5301 EDISON AVE	43.43
CITY OF CHINO AYALA PARK	Landscape Irrigation	5301 EDISON AVE	50.97
CITY OF CHINO GROUNDS DIV	Landscape Irrigation	14123 OAKS AVE #SPR-RC	2.48
CITY OF CHINO GROUNDS DIV	Landscape Irrigation	14124 OAKS AVE #SPR-RC	0.98
COLLEGE PARK COMMUNITES	Landscape Irrigation	6524 WHEATON #SPR-RC	2.10
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	6555 EUCALYPTUS #SPR-RC	13.13
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	6623 CLEMSON ST #SPR-RC	4.56
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	6975 EDINBORO ST #SPR-RC	1.22
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	CLEMSON/TUSKEGEE NO #SPR-RC	7.76
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	CLEMSON/TUSKEGEE SO #SPR-RC	6.34
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	EUCALYPTUS #SPR-RC	9.54
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	EUCALYPTUS #SPR-RC	26.36
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	EUCALYPTUS/FERN #SPR-RC	5.53
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	EUCALYPTUS/SAN ANTONIO #SPR	15.84
COLLEGE PARK COMMUNITY ASSOC	Landscape Irrigation	SAN ANTONIO A/STANDFORD #SPR-RC	4.35
COLLINS COMPANY	Landscape Irrigation	5470 DANIELS ST	1.48
COLONIAL ELECTRIC	Landscape Irrigation	14981 TELEPHONE AVE	0.46
CONENGR CORPORATION	Landscape Irrigation	AYALY PARK #HYD-RC	0.06
CP BUSINESS PARK PARTNERS LP	Landscape Irrigation	CENTRAL/CHINO HILLS PK SPR-RC	7.71
CT STORAGE-CHINO LLC	Landscape Irrigation	13855 CENTRAL AVE #SPR-RC	1.62
CUNNINGHAM DAVIS CORP	Landscape Irrigation	KIMBALL/FLIGHT AVE #HYD-RC	1.38
DBRS MEDICAL SYSTEMS	Landscape Irrigation	13820 BENSON AVE	0.85
DEPT. OF CORRECTIONS STATE	Landscape Irrigation	14515 CENTRAL AVE #B SPR/RC	2.92
DO+ABLE PRODUCTS	Landscape Irrigation	5150 EDISON AVE	5.31
DR HORTON	Landscape Irrigation	14569 PURDUE AVE #SPR	1.83
DR HORTON	Landscape Irrigation	7034 EDINBORO AVE #SPR	1.84

Appendix D
Recycled Water Users and Demands

City of Chino			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
DR HORTON	Landscape Irrigation	PURDUE/EUCALYPTUS AVE HYD-RC	1.44
EL PRADO RD BUSINESS OWNERS	Landscape Irrigation	15278 EL PRADO RD	0.53
EQUIPMENT WHOLESALERS	Landscape Irrigation	DANIELS AVE #SPR-RC	0.85
EUCLID PLAZA PARTNERSHIP	Landscape Irrigation	6999 SCHAEFER AVE #A #SPR-RC	8.68
EUCLID PLAZA PARTNERSHIP	Landscape Irrigation	6999 SCHAEFER AVE #B #SPR-RC	6.92
EVERGREEN AT THE PRESERVE	Landscape Irrigation	15731 EARHART CT #SPR-RC	6.57
EVERGREEN AT THE PRESERVE	Landscape Irrigation	8200 GARDEN GATE CT #SPR-RC	0.95
EXEL INC	Landscape Irrigation	14701 YORBA CT	3.99
FARRAND ENTERPRISES	Landscape Irrigation	14325 MONTE VISTA AVE #SPR-RC	0.49
FARRAND ENTERPRISES	Landscape Irrigation	14375 MONTE VISTA AVE #SPR-RC	1.86
FRUIT-PAK MANUFACTURING	Landscape Irrigation	14325 MONTE VISTA AVE #SPR-RC	0.40
FUNDING RESOURCES	Landscape Irrigation	13960 BENSON AVE	1.93
FUSION 5 CONDO ASSOCIATION	Landscape Irrigation	15804 MCINTOSH AVE #SPR-RC	2.64
GARRETT CONCRETE	Landscape Irrigation	14920 TELEPHONE AVE	1.82
GARRETT CONCRETE	Landscape Irrigation	14923 TELEPHONE AVE	0.86
GRO-POWER INC	Landscape Irrigation	15065 TELEPHONE AVE	1.74
HENSIM USA	Landscape Irrigation	5270 EDISON AVE #SPR-RC	1.52
JASMINE WILLOWS HOA	Landscape Irrigation	BEGONIA & HOLLAND PARK #SPR	2.78
KNICKERBOCKER PROPERTIES INC	Landscape Irrigation	13824 YORBA AVE #SPR-RC	1.97
LEWIS OPERATING CORP	Landscape Irrigation	16100 RINCON MEADOWS	6.48
LEWIS OPERATING CORP	Landscape Irrigation	MAIN ST/KIMBALL #HYD-RC	0.90
LW INCOME PROPERTIES	Landscape Irrigation	5051 EDISON AVE #SPR-RC	0.51
MAJESTIC MANAGEMENT	Landscape Irrigation	14510-70 MONTE VISTA AVE #SPR	8.64
MEF REALTY LLC	Landscape Irrigation	5220-5228 EDISON AVE #SPR-RC	1.36
MERITAGE HOMES	Landscape Irrigation	DAPHNE ST/BEGONIA #HYD	0.16
MONTE VISTA #3	Landscape Irrigation	14720 MONTE VISTA AVE #SPR-RC	6.46
MONTE VISTA #3	Landscape Irrigation	14880 MONTE VISTA AVE #SPR-RC	6.04
MONTE VISTA SPECTRUM #2	Landscape Irrigation	14680 MONTE VISTA AVE #SPR-RC	2.55
NATIONAL DISTRIBUTION CENTERS	Landscape Irrigation	15913 MOUNTAIN AVE #SPR-RC	5.94
NATIONAL DISTRIBUTION CENTERS	Landscape Irrigation	16045 MOUNTAIN AVE #SPR-RC	5.21
NAVAS GROWERS	Landscape Irrigation	MAIN ST/FOREST PARK #HYD-RC	0.56
NEXGRILL INDUSTRIES INC	Landscape Irrigation	5270 EDISON AVE #SPR-RC	0.72
NORCO INJECTION MOLDING	Landscape Irrigation	14286 MONTE VISTA AVE	7.33
NORCO INJECTION MOLDING	Landscape Irrigation	5500 DANIELS AVE #SPR-RC	1.97
OMNIA ITALIAN DESIGN	Landscape Irrigation	4950 EDISON AVE #SPR-RC	35.63
PARDEE HOMES	Landscape Irrigation	CANDLEWOOD/CANOPY #HYD	1.43
PRESERVE MAINTENANCE CORP	Landscape Irrigation	15702 MEADOW VALLEY #SPR-RC	2.65
PRESERVE MAINTENANCE CORP	Landscape Irrigation	15703 MEADOW VALLEY #SPR-RC	0.97
PRESERVE MAINTENANCE CORP	Landscape Irrigation	15990 NATURE TRAIL #SPR-RC	11.53
PRESERVE MAINTENANCE CORP	Landscape Irrigation	7703 KIMBALL AVE #SPR-RC	3.59
PRESERVE MAINTENANCE CORP	Landscape Irrigation	7920 BICKMORE AVE #SPR-RC	6.81
PRESERVE MAINTENANCE CORP	Landscape Irrigation	8381 KIMBALL AVE #SPR-RC	2.02
PRESERVE MAINTENANCE CORP	Landscape Irrigation	8595 FOREST PARK #SPR-RC	4.30
PRESERVE MAINTENANCE CORP	Landscape Irrigation	8704 BRIDLE PATH ST #A #SPR	11.68
PRESERVE MASTER COMMUNITY CORP	Landscape Irrigation	15779 STARFIGHTER AVE #SPR-R	1.56
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	15591 RETREAT #SPR-RC	2.09
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	15750 MILL CREEK #SPR-RC	3.29
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	16343 MEADOWHOUSE AVE #SPR-RC	8.72

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Recycled Water Users and Demands

City of Chino			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	7585 BICKMORE AVE #SPR-RC	2.11
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	7714 BICKMORE AVE SPR-RC	7.00
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	7973 KIMBALL AVE #SPR-RC	2.64
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	8100 W PRESERVE LOOP #SPR-RC	4.62
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	8151 WEST PRESERVE LOOP-PARK	23.28
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	8179 KIMBALL AVE #SPR-RC	0.95
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	8344 FOREST PARK ST #SPR-RC	4.44
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	8383 KIMBALL AVE #SPR-RC	2.12
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	8456 E PRESERVE LOOP #SPR-RC	7.19
PRESERVE MASTER MAINTENANCE	Landscape Irrigation	8473 FOREST PARK ST #SPR-RC	3.32
QUETICO SCHAEFER PROPERTIES	Landscape Irrigation	5610 DANIELS ST #SPR/RC	3.63
REDBUILT LLC	Landscape Irrigation	5088 EDISON AVE #SPR-RC	2.95
REDWOOD BUSINESS CENTER	Landscape Irrigation	13851-97 REDWOOD AVE #SPR-RC	4.76
SADDLE CREEK CORPORATION	Landscape Irrigation	5026 CHINO HILLS PARKWAY #SPR-RC	2.43
SADDLE CREEK CORPORATION	Landscape Irrigation	5116 CHINO HILLS PARKWAY #SPR-RC	4.61
SAN BDNO COUNTY FAIRGROUNDS	Landscape Irrigation	5410 EDISON AVE #HYD-RC	1.56
SAN BDNO COUNTY FAIRGROUNDS	Landscape Irrigation	5410 EDISON AVE #SPR-RC	12.82
SERVICE CRAFT LLC	Landscape Irrigation	5026 CHINO HILLS PARKWAY #SPR-RC	4.82
SERVICE CRAFT LLC	Landscape Irrigation	5116 CHINO HILLS PARKWAY #SPR-RC	2.01
SHAMROCK MARKETING	Landscape Irrigation	5445 DANIELS ST #SPR-RC	0.93
SHEA HOMES	Landscape Irrigation	15819 LINDBERGH AVE #SPR-RC	3.62
SHEA HOMES	Landscape Irrigation	15851 LINDBERGH AVE SPR-RC	5.54
SHEA HOMES	Landscape Irrigation	ALPINE MEADOWS/FORREST #HYD-RC	0.26
SOUTHERN CALIFORNIA EDISON	Landscape Irrigation	14005 BENSON AVE #SPR-RC	0.26
STANDARD PACIFIC	Landscape Irrigation	MEADOW VALLEY/QUIET WOODS HYD	2.49
STRATHAM HOMES	Landscape Irrigation	STANFORD/SAN ANTONIO #HYD-RC	0.13
SUN CAL INLAND EMPIRE DIV	Landscape Irrigation	14123 OAKS AVE #SPR-RC	7.99
SUN CAL INLAND EMPIRE DIV	Landscape Irrigation	14124 OAKS AVE #SPR-RC	2.19
SUN CAL INLAND EMPIRE DIV	Landscape Irrigation	14197 OAKS AVE #SPR-RC	2.02
SUNDANCE SPAS	Landscape Irrigation	14525 MONTE VISTA AVE #SPR-RC	7.17
SUNDANCE SPAS	Landscape Irrigation	14675 MONTE VISTA AVE #SPR-RC	6.25
SUPERIOR SOD	Landscape Irrigation	CHINO CORONA RD #SPR-RC	321.48
SUPERIOR SOD	Landscape Irrigation	CHINO CORONA RD #SPR-RC	88.90
SUPERIOR SOD	Landscape Irrigation	PINE & HELLMAN #SPR-RC	192.66
TETHERWIND NEIGHBORHOOD	Landscape Irrigation	15754 LINDBERGH AVE #SPR-RC	4.76
TETHERWIND NEIGHBORHOOD	Landscape Irrigation	15850 LINDBERGH AVE #SPR-RC	25.92
THE CAMPUS OWNERS CORP	Landscape Irrigation	14011 TWELFTH ST #SPR-RC	1.71
THE CAMPUS OWNERS CORP	Landscape Irrigation	14091 TWELFTH ST A #SPR-RC	3.51
THE CAMPUS OWNERS CORP	Landscape Irrigation	14091 TWELFTH ST B #SPR-RC	6.32
THE PRESERVE MASTER COMMUNITY	Landscape Irrigation	15784 CANOPY AVE #SPR-RC PARK	2.16
THE PRESERVE MASTER COMMUNITY	Landscape Irrigation	15871 MAIN ST #SPR-RC	7.73
THE PRESERVE MASTER COMMUNITY	Landscape Irrigation	8122 GARDEN PARK ST #SPR-RC	6.16
THE PRESERVE MASTER COMMUNITY	Landscape Irrigation	EAST HUNTINGTON GARDEN #SPR-RC	9.51
TRAMMEL CROW SO CAL INC	Landscape Irrigation	14525 YORBA AVE #SPR-RC	3.11
TRAMMEL CROW SO CAL INC	Landscape Irrigation	14575 YORBA AVE #SPR-RC	5.35
TRAMMEL CROW SO CAL INC	Landscape Irrigation	14651 YORBA CT SPR-RC	7.31
TRAMMEL CROW SO CAL INC	Landscape Irrigation	4775 EUCALYPTUS AVE-#SPR-RC	6.31
TRAMMEL CROW SO CAL INC	Landscape Irrigation	YORBA/EUCALYPTUS (SW) #SPR-RC	1.00

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Recycled Water Users and Demands

City of Chino			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
TRUS JOIST	Landscape Irrigation	5088 EDISON AVE #SPR-RC	1.14
VALBRUNA	Landscape Irrigation	13930-13950 BENSON AVE #SPR-RC	2.05
VIAVERDE NURSERY	Landscape Irrigation	15800 E PRESERVE #SPR-RC	22.28
VIAVERDE NURSERY	Landscape Irrigation	15801 E PRESERVE LOOP #SPR-RC	3.37
VIAVERDE NURSERY	Landscape Irrigation	MAIN ST/FORREST PARK #SPR-RC	15.12
VIRAMONTES EXPRESS	Landscape Irrigation	8600 CHINO CORONA RD #HYD-RC	17.10
WAREHOUSE TECHNOLOGY	Landscape Irrigation	14680 MONTE VISTA #SPR-RC	4.53
WAREHOUSE TECHNOLOGY	Landscape Irrigation	5065 EUCALYPTUS AVE	4.85
WAREHOUSE TECHNOLOGY	Landscape Irrigation	5151 EUCALYPTUS AVE	7.21
WATSON LAND COMPANY	Landscape Irrigation	16133 S FERN AVE #SPR-RC	10.57
WATSON LAND COMPANY	Landscape Irrigation	6911 BICKMORE AVE #SPR-RC	9.57
WOODBURY NEIGHBORHOOD ASSOCIATION	Landscape Irrigation	7034 EDINBORO AVE #SPR	24.48
YIN, ZHIHUA	Landscape Irrigation	13860 BENSON AVE #SPR-RC	1.24
YORBA INDUSTRIAL CENTER	Landscape Irrigation	13901 YORBA AVE #SPR-RC	5.03
YORBA INDUSTRIAL CENTER	Landscape Irrigation	14670 YORBA CT #SPR-RC	0.72
YOSHIMURA R & D	Landscape Irrigation	5420 DANIELS ST #SPR-RC	2.81
YOSHIMURA RACING LLC	Landscape Irrigation	5411 DANIELS ST #HYD/RC	0.06
YOSHIMURA RACING LLC	Landscape Irrigation	5411 DANIELS ST #SPR-RC	0.84
Total Chino Landscape Irrigation			**1,726.36**
C W FARMS I	Agricultural Irrigation	S PINE/W OF W PRESERVE LOOP #RC	578.89
C W FARMS II	Agricultural Irrigation	PINE AVE W/OF GROVE #RC	91.88
C W FARMS III	Agricultural Irrigation	REMINGTON/WALKER AVE #RC	488.88
C W FARMS IV	Agricultural Irrigation	REMINGTON/WALKER NORTH #SPR	799.84
CAL POLY POMONA	Agricultural Irrigation	14515 CENTRAL AVE #A SPR-RC	230.77
CAL POLY POMONA	Agricultural Irrigation	KIMBALL AVE/MAGNOLIA CHANNEL #RC	421.59
CLEVELAND FARM #1	Agricultural Irrigation	BICKMORE EAST OF EUCLID #SPR-RC	366.78
CLEVELAND FARM #2	Agricultural Irrigation	EUCALYPTUS #SPR-RC	147.91
CLEVELAND FARM #2	Agricultural Irrigation	EUCALYPTUS/S ANTONIO #SPR-RC	970.05
CLEVELAND FARM #2	Agricultural Irrigation	SOUTH/E OF COLLEGE BLDG #RC	154.90
CLEVELAND FARM #3	Agricultural Irrigation	7550 BICKMORE AVE #SPR-RC	13.52
LA BRUCHERIE FARMS	Agricultural Irrigation	KIMBALL & RINCON MEADOWS #RC	156.04
NYENHUIS DAIRY	Agricultural Irrigation	8711 REMINGTON AVE #AGR	761.25
RICHARDSON, DON	Agricultural Irrigation	KIMBALL & RINCON MEADOWS #RC	60.45
WESTSTEYN DAIRY	Agricultural Irrigation	8300 PINE AVE #AG-RC	61.82
Total Chino Agricultural Irrigation			**5,304.58**
ALL AMERICAN ASPHALT	Construction	CITY-WIDE #HYD-RC	2.27
GRAND PACIFIC CONTRACTORS	Construction	KIMBALL E OF EUCLID #HYD-RC	4.82
LAIRD CONSTRUCTION	Construction	OAKS AVE/EDISON #RC	1.83
PACER CONSTRUCTION INC	Construction	14544 MANCHESTER AVE #HYD-RC	1.26
PANATTONI CONSTRUCTION	Construction	14559 RAMONA AVE #MED-RC	2.77
PANATTONI CONSTRUCTION	Construction	14607 RAMONA AVE #SPR-RC	4.27
PANATTONI CONSTRUCTION	Construction	14609 RAMONA AVE #SPR-RC	4.37
PANATTONI CONSTRUCTION	Construction	4565 EUCALYPTUS AVE #SPR-RC	5.21
PANATTONI CONSTRUCTION	Construction	4575 EUCALYPTUS AVE #SPR-RC	3.24
PANATTONI CONSTRUCTION	Construction	4685 EUCALYPTUS AVE #SPR-RC	3.32
PARKCREST CONSTRUCTION INC (Temp)	Construction	EUCLID AVE/KIMBALL AVE #HYD-RC	0.90
SULLY-MILLER CONTRACTING	Construction	BICKMORE AVE/EUCLID AVE #HYD-RC	1.44
W L HOMES	Construction	KIMBALL / PRESERVE #HYD	0.68

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Recycled Water Users and Demands

City of Chino			
Recycled Water Customer	**Type**	**Address**	**FY 09-10 Total Delivery (AFY)**
YORBA BUSINESS CENTER	Construction	14670 YORBA CT #SPR-RC	4.70
Total Chino Construction			**41.08**
California Cogeneration	Industrial	5605 COLLEGE PARK AVE #RC	85.13
Total Chino Industrial			**85.13**
Total Chino			**7,157.16**

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Recycled Water Users and Demands

City of Chino Hills			
Recycled Water Customer	Type	Address	FY 09-10 Total Delivery (AFY)
7-Eleven Inc	Landscape Irrigation	15450 Fairfield Ranch Rd	2.96
Artisan & CH Maint Assoc	Landscape Irrigation	5181 Fox Hall Rd	5.00
Artisan & CH Maint Assoc	Landscape Irrigation	16308 Butterfield Ranch Rd	6.21
Artisan & CH Maint Assoc	Landscape Irrigation	16302 Butterfield Ranch Rd	5.45
Big League Dreams	Landscape Irrigation	16333 Fairfield Ranch Rd	69.00
BP West Coast Prod Arco Mini	Landscape Irrigation	15380 Fairfield Ranch Rd	0.27
BRE Pinnacle Apartments	Landscape Irrigation	16675 C State Dr	3.16
BRE Properties	Landscape Irrigation	16675 B Slate Dr	7.50
BRE Properties	Landscape Irrigation	16011 Butterfield Ranch Rd - (Sterling Downs Apts)	6.52
BRE Properties	Landscape Irrigation	16011 Butterfield Ranch Rd - (Sterling Downs Apts)	0.59
BRE Properties	Landscape Irrigation	16594 E Slate Dr	16.19
Butterfield Fire Station	Landscape Irrigation	5551 Butterfield Ranch Rd	1.58
C.U.S.D.	Landscape Irrigation	16250 Pinehurst St - (Wickman Elem)	12.39
C.U.S.D.	Landscape Irrigation	4849 E Bird Farm Rd (Chaparral School)	11.43
C.U.S.D. (Chino Hills High School)	Landscape Irrigation	5130 Riverside Dr	29.56
C.U.S.D. (Chino Hills High School)	Landscape Irrigation	5130 Riverside Dr	10.62
Caltrans	Landscape Irrigation	1 Monte Vista Ave	15.82
Caltrans	Landscape Irrigation	2 Pine Ave	9.73
Caltrans	Landscape Irrigation	5 Shady View Dr	3.10
Chino Hills Business Park	Landscape Irrigation	15315 E Fairfield Ranch Rd (Chino Hills Business Park)	9.16
Chino Hills Business Park	Landscape Irrigation	15325 E Fairfield Ranch Rd (Chino Hills Business Park)	6.89
Chino Hills Storage	Landscape Irrigation	15315 B Red Barn Ct	2.52
Chino Retail	Landscape Irrigation	1 Soquel Canyon Pkwy	6.00
Choung, Cu	Landscape Irrigation	15113 Monte Vista C Ave	63.96
City	Landscape Irrigation	4670 Soquel Cyn Pkwy	3.58
City	Landscape Irrigation	16370 Vista Ct	12.54
City	Landscape Irrigation	1 Elinvar Dr.	8.13
City	Landscape Irrigation	15872 Soquel Canyon Pkwy	0.03
City	Landscape Irrigation	4022 Soquel Canyon Pkwy	1.64
City	Landscape Irrigation	3550 Woodview Rd	1.42
City	Landscape Irrigation	6087 Butterfield Ranch Rd	14.73
City	Landscape Irrigation	16196 Pinehurst Dr	20.56
City	Landscape Irrigation	4792 Sapphire Rd	5.20
City	Landscape Irrigation	6085 Butterfield Ranch Rd	15.04
City	Landscape Irrigation	16200 Slate Dr	19.44
City	Landscape Irrigation	4639 Chino Hills Pkwy	0.25
City	Landscape Irrigation	1 Hunters Hill Dr	3.97
City	Landscape Irrigation	16343 Fairfield Ranch Rd	26.87
City	Landscape Irrigation	5901 Butterfield Ranch Rd	1.74
City	Landscape Irrigation	0 Butterfield Ranch C Rd	14.78
City	Landscape Irrigation	15695 Fairfield Ranch Rd (Danbury Park)	16.02
City	Landscape Irrigation	15697 Fairfield Ranch Rd (Danbury Park)	12.96
City	Landscape Irrigation	0 Butterfield Ranch D Rd	14.86
City	Landscape Irrigation	1 Pine Ave	2.23
City	Landscape Irrigation	5331 Picasso Dr	0.84
City	Landscape Irrigation	16980 Butterfield Ranch Rd	9.79
City	Landscape Irrigation	6060 Natalie Rd (Hunter Hill Park)	18.74
City	Landscape Irrigation	16464 Butterfield Ranch Rd	11.35
City	Landscape Irrigation	5005 Soquel Canyon Pkwy	4.15
City	Landscape Irrigation	16186 Butterfield Ranch Rd	8.76
City	Landscape Irrigation	16886 Butterfield Ranch Rd	6.88
City	Landscape Irrigation	17350 Butterfield Ranch Rd	9.54
Country Club Villa	Landscape Irrigation	15447 B Pomona Rincon Rd	0.29
Fairfield Ranch	Landscape Irrigation	1 Fairfield Ranch Rd	5.63
Fairfield Ranch BS Ctr Condo Assoc	Landscape Irrigation	15360 E Fairfield Ranch Rd (Chino Hills Business Park)	7.89
Fairfield Ranch BS Ctr Condo Assoc	Landscape Irrigation	15330 A Fairfield Ranch Rd (Chino Hills Business Park)	6.01
Fairfield Ranch Maint Assoc	Landscape Irrigation	15966 Fairfield Ranch Rd	8.13
Fairfield Ranch Maint Assoc	Landscape Irrigation	15953 Fairfield Ranch Rd	6.28

Appendix D
Recycled Water Users and Demands

City of Chino Hills			
Recycled Water Customer	**Type**	**Address**	**FY 09-10 Total Delivery (AFY)**
Felfam,Ltd	Landscape Irrigation	15870 Soquel Canyon Pkwy	3.68
Fieldstone Comm	Landscape Irrigation	3989 Golden Terrace Ln	4.45
Fieldstone Comm	Landscape Irrigation	16361 Canyon Rim Dr	13.10
Higgins Brick	Landscape Irrigation	16110 Butterfield Ranch Rd	0.14
Higgins Ranch Comm Assoc	Landscape Irrigation	2 Heritage Dr	3.43
Higgins Ranch Comm Assoc	Landscape Irrigation	1 Heritage Dr	6.06
Higgins Ranch Comm Assoc	Landscape Irrigation	3 Heritage Dr	3.97
Hyoung Corp	Landscape Irrigation	15380 Fairfield Ranch Rd(Starts Aug2009)	2.49
Lexington @ Chino Hills HOA	Landscape Irrigation	4915 Torrey Pines Dr	2.36
Los Serranos Golf	Landscape Irrigation	15656 Yorba Ave	222.44
Los Serranos Golf	Landscape Irrigation	1 Pinehurst Dr	193.30
Los Serranos Ranch Comm Assoc	Landscape Irrigation	4249 Soquel Canyon Pkwy	17.50
Pine Ave LLC	Landscape Irrigation	5771 Pine Ave	2.58
Pine Corporate Ctr Assoc	Landscape Irrigation	5771 Pine B Ave	6.80
Pine Corporate Ctr Assoc	Landscape Irrigation	5771 Pine A Ave	10.38
Pinehurst Hills Comm Assoc	Landscape Irrigation	5561 Tipu Tree Ln	8.97
Pinehurst Hills Comm Assoc	Landscape Irrigation	5381 Tipu Tree Ln	9.03
Pinehurst Hills Comm Assoc	Landscape Irrigation	5514 Pine Ave	4.60
Pinehurst Hills Comm Assoc	Landscape Irrigation	5331 Buttonwood Ct	7.28
Pinehurst Hills Comm Assoc	Landscape Irrigation	16690 Pine Ave	9.25
Pinehurst Hills Comm Assoc	Landscape Irrigation	16791 Morning Glory Ct	7.87
Pinehurst Hills Comm Assoc	Landscape Irrigation	16572 Butterfield Ranch Rd	8.52
Pinehurst Hills Comm Assoc	Landscape Irrigation	16780 Quail Country Ave	11.24
Pinehurst Hills Comm Assoc	Landscape Irrigation	16804 Butterfield Ranch Rd	5.47
Pinehurst Hills Comm Assoc	Landscape Irrigation	5393 Carob Ave	8.81
Pinehurst Hills Comm Assoc	Landscape Irrigation	5361 Ebony	6.09
Ridgegate Neighborhood Assoc	Landscape Irrigation	16347 Canyon Rim Dr	13.26
Ridgegate Neighborhood Assoc	Landscape Irrigation	16343 Canyon Rim Dr	5.92
Ridgegate Neighborhood Assoc	Landscape Irrigation	3987 Golden Terrace Ln	14.61
Ridgegate Neighborhood Assoc	Landscape Irrigation	16359 Canyon Rim Dr	8.55
Ridgegate Neighborhood Assoc	Landscape Irrigation	16341 Canyon Rim Dr	18.50
Sycamore Heights Comm Assoc	Landscape Irrigation	16830 Highview St	0.30
Sycamore Heights Comm Assoc	Landscape Irrigation	5013 Glenview St	0.12
Sycamore Heights Comm Assoc	Landscape Irrigation	4937 Glen View St	13.71
Sycamore Heights Comm Assoc	Landscape Irrigation	16853 Verbena Cir	12.76
Sycamore Heights Comm Assoc	Landscape Irrigation	5044 Glenview	1.03
Sycamore Heights Comm Assoc	Landscape Irrigation	5139 Glenview St	9.50
Sycamore Heights Comm Assoc	Landscape Irrigation	16539 Highview St	10.22
Sycamore Heights Comm Assoc	Landscape Irrigation	16669 Highview St	6.24
Sycamore Heights Comm Assoc	Landscape Irrigation	16691 Highview St	5.38
Sycamore Heights Comm Assoc	Landscape Irrigation	5221 Highview St	1.54
Vellano	Landscape Irrigation	3230 Venezia Terrace (Vellano started Nov 2009	174.42
Vellano	Landscape Irrigation	3199 Woodview Rd (started Nov 2009)	1.80
Ridgegate Neighborhood Assoc	Landscape Irrigation	16361 Canyon Rim Dr	2.74
Vista San Juan/ C.C. Medical Center	Landscape Irrigation		0.16
The Commons	Landscape Irrigation		0.57
Total Chino Hills Landscape			**1,487.01**
CP Construction	Construction	Temp service for construction	0.54
Opus West	Construction		2.47
Opus West	Construction		3.96
Total Chino Hills Construction			**6.97**
Total Chino Hills			**1,493.98**

Appendix D
Recycled Water Users and Demands

Cucamonga Valley Water District			
Recycled Water Customer	**Type**	**Address**	**FY 09-10 Total Delivery (AFY)**
Earth Basics	Landscape Irrigation	Ontario mills pkwy w/o Etiwanda	2.96
CPT 6th & Cleveland LLC	Landscape Irrigation	9199 Clevland Building #101	5.25
CVWD	Landscape Irrigation	9111 Cleveland	1.63
CPT 6th & Cleveland LLC	Landscape Irrigation	9199 Clevland Building #102	10.69
Hilemen Development Co.	Landscape Irrigation	9670 Haven Ave	15.25
CAL Development LLC	Landscape Irrigation	11570 4th st	5.06
Alof Hotel	Landscape Irrigation	10480 4th street	6.78
Bradshaw International inc	Landscape Irrigation	9409 Buffalo Ave	20.87
City of Rancho Cucamonga	Landscape Irrigation	10601 6th st	0.80
Marketplace properties	Landscape Irrigation	9659 Milliken AVE	10.12
Bradshaw International inc	Landscape Irrigation	9471 Buffalo AVE	17.81
City of Rancho Cucamonga	Landscape Irrigation	10801 6th st recycl	0.86
City of Rancho Cucamonga	Landscape Irrigation	9698 4th st	0.70
City of Rancho Cucamonga (e/o monument)	Landscape Irrigation	Milliken & 4th st	1.63
City of Rancho Cucamonga (median)	Landscape Irrigation	11359 6th st	0.44
City of Rancho Cucamonga (median)	Landscape Irrigation	11907 6th Street	1.36
City of Rancho Cucamonga (median)	Landscape Irrigation	11067 6th st	1.36
City of Rancho Cucamonga (median)	Landscape Irrigation	11469 6th st	0.61
Haven Rock	Landscape Irrigation	9375 - 9405 Haven Av Landscape	9.68
CIP Real Estate	Landscape Irrigation	9481 Haven	10.14
Richard Dick & Associates	Landscape Irrigation	9302 Pittsburg Ave	4.31
Mission Business Center LLC	Landscape Irrigation	9450 Buffalo	5.99
Cabot industrial trust	Landscape Irrigation	9357 Richmond PL	1.73
City of Rancho Cucamonga (median)	Landscape Irrigation	11549 6th st	0.18
Rockafeller Group	Landscape Irrigation	9461 - 9591 Pitsburgh ave	2.92
Cabot industrial trust	Landscape Irrigation	11653 6th St	7.94
Cabot industrial trust	Landscape Irrigation	9370 Buffalo AVE	2.80
Southern California Edison	Landscape Irrigation	12484 6th st Recycled	13.64
CAL Development LLC	Landscape Irrigation	11540 - 11550 4th st	9.82
City of Rancho Cucamonga	Landscape Irrigation	9479 Haven Recycled	1.17
CAL Development LLC	Landscape Irrigation	11530 4th ST	5.96
Murfco INC.	Landscape Irrigation	11854 6th Street	0.59
Comfort - Pedic Mattress USA	Landscape Irrigation	9080 Charles Smith Ave	2.29
ASAP power sports	Landscape Irrigation	9029 Rochester Ave	1.47
Toyota Motor Sales	Landscape Irrigation	9040-9050 Charles Smith Ave	0.85
Facility Builders & Erectors	Landscape Irrigation	11846 6th Street	2.47
Stanley Steamers	Landscape Irrigation	9051 Rochester Ave	1.14
Oak Creek Ranch Golf Club Inc (Empire Lakes)	Landscape Irrigation	11015 6th St	441.97
Total CVWD Landscape Irrigation			**631.24**
Shawnee Const	Construction	Ontario mills pkwy w/o Etiwanda	1.51
6'' temp construction / meter earth basics	Construction	N/o etiwanda n/o ontario mills pkwy	10.24
Total CVWD Construction			**11.74**
Frito Lay	Industrial	9535 Archibald	16.50
Total CVWD Industrial			**16.50**
Total CVWD			**659.49**

Appendix D
Recycled Water Users and Demands

Monte Vista Water District			
Recycled Water Customer	**Type**	**Address**	**FY 09-10 Total Delivery (AFY)**
Alma Hofman Park	Landscape Irrigation	5201 Benito Street	11.43
Buena Vista / Vernon School*	Landscape Irrigation	5675 San Bernardino Street	25.77
City Hall	Landscape Irrigation	5111 Benito Street	0.85
Demonstration Garden	Landscape Irrigation	4594 San Bernardino St	7.11
Kingsley Ball Park	Landscape Irrigation	5575 Kingsley Street	11.58
Kingsley School	Landscape Irrigation	5625 Kingsley Street	15.10
Lehigh Elem.	Landscape Irrigation	10200 Lehigh Avenue	2.48
Library/City Hall	Landscape Irrigation	9955 Fremont Avenue	0.98
Montclair High School	Landscape Irrigation	4700 Orchard Street	68.16
Montclair Medical Center	Landscape Irrigation	5000 San Bernardino Street	3.56
Monte Vista Elem.	Landscape Irrigation	4900 Orchard Street	13.25
Saratoga Park	Landscape Irrigation	5397 Kingsley Street	39.19
Sunrise Park	Landscape Irrigation	5616 Princeton Street	7.13
Sunset Park N.	Landscape Irrigation	4351 Orchard Street	5.43
Sunset Park S.	Landscape Irrigation	4351 Orchard Street	20.48
Wildnerness Park	Landscape Irrigation	4594 San Bernardino St	8.76
Total MVWD Landscape Irrigation			**241.25**